

2016-2017 Catalog

Middle Georgia State University

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General Information

Editorial Note

The Middle Georgia State University (MGA) Catalog is reviewed annually by the Office of Academic Affairs. All information contained in this 2016-2017 catalog is effective fall semester 2016. The content in this catalog is for informational purposes only and should not be construed as the basis of a contract between a student and the University.

While provisions of this catalog will ordinarily be applied as stated, Middle Georgia State University reserves the right to change any provision listed in this catalog—including but not limited to academic requirements for graduation—without actual notice to individual students. Every effort will be made to inform students of changes to programs, curricula, courses, regulations, policies, procedures, fees and other matters contained herein. Nevertheless, it is the responsibility of each student to stay apprised of current graduation requirements for a degree program in which he or she is enrolled.

Middle Georgia State University is a component of the Board of Regents (BOR) of the University System of Georgia (USG) and operates in accordance with all policies and procedures established by the BOR as well as the University System Office (USO). If there is ever a discrepancy between BOR/USO policy and this catalog, BOR/USO policy prevails. BOR/USO policies are available at: <http://www.usg.edu/policymanual/>.

About Middle Georgia State University

Middle Georgia State University is a Level III public University in the USG with its main campus in Macon and satellite campuses in Cochran, Warner Robins, Dublin, and Eastman along with the Robins Residence Center at Robins Air Force Base in Warner Robins.

Macon Main Campus

The main campus in Macon has approximately 419 acres with the campus's thirteen main buildings located in an area of approximately 80 acres.

The campus supports 20 computer classrooms, nine natural sciences labs, three nursing and health sciences labs, and a dry lab for demonstration. The Arts Complex houses music classrooms, music rehearsal hall, theatre, and art studio. The College of Arts & Sciences Building provides classroom space for English, modern language, communication, theatre, and humanities courses in addition to offices for the College of Arts & Sciences. The Library houses the Macon Student Success and Technical Assistance Centers. The Library also provides computers for general student use and small private spaces for group or individual studying. The Department of Mathematics is housed in the Mathematics Building. The building includes faculty offices, classrooms, and the Mathematics Student Success Center which is the tutoring center for Math. The Charles H. Jones Building houses the health and natural sciences labs and classrooms for the history, political science, natural sciences, engineering, and respiratory therapy programs and the School of Health Sciences as well as the Department of History and Political Science. The Professional Sciences and Conference Center provides classrooms and offices to support the School of Business and the School of Information Technology. The Education Building houses both the School of Education and the Department of Psychology, Sociology, and Criminal Justice. The building includes office space, classrooms, and labs specially designed for future teachers as well as the Writing Center that is open to all students.

In addition to these instructional and research spaces, the Student Life Center serves students, providing space for a game room, a bookstore, a cafeteria, and a Subway sandwich shop. The Student Life Center also houses the Counseling Center and Disability Services, the Career Center, the Testing Center, the Academic Advising Center, and Student Support Services. The Bursar's Office, the Registrar, Admissions, Financial Aid, and the offices of Student Affairs and Student Life are also found in the Student Life Center.

The Community Education Center is home to the Health Clinic. The Georgia Public Safety Training Center and Center for Innovation in Aerospace are also located in the CEC. The adjacent Gymnasium features locker rooms, offices, storage space, in addition to the main gym area.

The Professional Sciences and Conference Center also features a high-tech Conference Center with a banquet hall, a pre-function area, multiple classrooms, and meeting rooms.

College Station, the University's 336 bed apartment style residence life community, is located across Ivey Drive from the main part of campus and consists of eight additional buildings. These buildings provide apartments composed of four individual bedrooms and baths with a central shared living area and a full kitchen.

The 84,000 sf Recreation & Wellness Center opened in March 2014 and is home to state-of-the-art fitness equipment, weight room, group fitness classrooms, gym, gaming area and a four-lane bowling alley, as well as an indoor pool and walking track. The campus technology infrastructure includes a 297 Mb bandwidth and all indoor and outdoor spaces have wireless network access. The Macon campus also maintains 200 security cameras tied to the campus network to increase student safety and security.

Cochran Satellite Campus

The Cochran satellite campus covers approximately 182 acres with the 30 primary buildings located in an area of approximately 60 acres. The remaining 122 acres are in woodlands and athletic/recreation facilities.

The campus supports ten computer classrooms, fourteen science labs, and three Health Sciences labs in addition to forty-two instructional classrooms. Dillard Hall is the School of Science building on the Cochran campus and has physics, chemistry, biology and computer labs. Jackson Hall houses Human Resources, IT Support and the School of Business. The Department of Mathematics is housed in Memorial Hall and has faculty offices, tutoring space, computer labs and a classroom. Roberts Library houses the School of Health Sciences on the first floor with faculty offices, computer labs, nursing labs and classrooms. The Student Success Center is located on the third floor of Roberts Library. Russell Hall is an academic classroom building for English, humanities, modern language, and fine arts and serves as the home of the Peacock Art Gallery and a performing arts theatre. Walker Hall provides academic classrooms for social science, business, and aviation and a 350 seat auditorium. The Wellness Center has a walking track; aerobics room; a fitness room with weight machines, elliptical machines, treadmills; and classrooms space. Wiggs Hall houses the School of Education on the first floor and faculty offices for Social Sciences on the second floor. Academic classrooms are also available in the Athletic Training Facility and Morris Gymnasium. Welch Hall houses the Georgia Academy of Mathematics, Engineering and Science, a residential joint enrollment program which allows students to simultaneously earn a high school diploma and an associate's degree.

The athletic and recreational facilities include the Wellness Center, Morris Gymnasium, Stuckey Baseball Field, Warrior Softball Field, NeSmith Soccer Stadium, an outdoor swimming pool, lighted tennis courts, intramural fields, and the Athletics Training Facility. Georgia Hall is home to the Student Center, the Student Activities office, the Dining Hall, Bookstore, Student Post Office, and the Food Court, which offers A&W Root Beer and Sub Connection operations.

The residential facilities provide 1,349 beds with a range of housing options including dorms with single suites sharing a bath, a dorm with double occupancy suites sharing a bath, and an apartment dorm with each apartment containing four bedrooms, two baths, and a living space.

The campus technology infrastructure includes a 200 Mb fiber link and wireless network access to all residence halls, Sanford Cafe, Roberts Library, Georgia Hall, and the green space in front of Wiggs Hall, Walker Hall, and Peacock Hall. The university also maintains security cameras tied to the campus network to increase student safety and security.

Dublin Satellite Campus

The Dublin satellite commuter campus covers approximately 49 acres and three acres of building space with the primary buildings housing all campus functions. The remaining 46 acres of undeveloped land are available for future growth and expansion.

The Dublin Campus has a main library building which provides classroom space and computer labs. The original building of the campus has 13 academic classrooms, three computer labs, three science labs and a bookstore. The Dublin Annex building provides five classrooms, two nursing labs for the nursing program, and two computer labs.

The campus technology infrastructure includes a 20 Mb Metro-E 160 Mb fiber link and wireless network access. Wireless access is also provided by the City of Dublin to the entire Dublin campus. The university also maintains security cameras tied to the campus network to increase student safety and security.

Eastman Satellite Campus

The Eastman satellite residential campus has four buildings located on approximately 22 acres with five acres of building space, devoted almost entirely to the aviation program. The remaining property is dedicated to parking lots and aviation support surfaces. The campus is located adjacent to the Heart of Georgia Regional Airport.

The primary academic building for the campus contains 23 classrooms, eight teaching labs and two computer labs. The teaching labs contain a wide variety of aviation related training aides, including complete aircraft maintenance trainers. A Wellness Center and game room are also available for student use.

There are five hangars located in the main building for aircraft storage and maintenance. The campus has 16 fixed wing aircraft, three rotary wing aircraft, and two flight training devices for pilot training. Fourteen flight worthy aircraft are housed in a 14 unit T-Hanger building. The remaining operational aircraft are housed in the maintenance hangar as they undergo maintenance and repairs. The W.S. Stuckey Terminal building, located approximately a quarter mile from the campus building, is an active airport terminal/training facility. It houses state-of-the-art simulation equipment for the training of Air Traffic Controller candidates.

This facility also houses an active air traffic control tower. The tower has one classroom and two teaching labs.

There is one 140 student dorm with two bedroom, one bath apartments sharing a kitchen and living space or four bedroom, two bath apartments sharing a kitchen and living space.

The campus technology infrastructure includes two 20 Mb Metro-E fiber links and all buildings have wireless network access. The university also maintains security cameras tied to the campus network to increase student safety and security.

Warner Robins Satellite Campus

The Warner Robins satellite commuter campus covers approximately 72 acres with two acres of building space that houses all campus functions. The remaining 70 acres of undeveloped land are available for future growth and expansion.

The campus has nine computer classrooms, two natural science labs, and two nursing and health sciences labs. The Academic Services building has administrative and faculty offices, classrooms, a ten bed Nursing lab, a Nursing Simulation Lab, an 80 seat multimedia lecture hall, and a student lounge/study area. Thomas Hall has classrooms with the latest technology, a Recreation and Wellness Center for students, and the Student Life Office. The most recent addition is Oak Hall, a multi-purpose building housing the bookstore, faculty offices, Student Success Center, and classrooms.

The campus technology infrastructure includes a 100 Mb Metro E circuit and all indoor spaces have wireless network access. The university also maintains security cameras to increase student safety and security.

Robins Resident Center (Instructional Site)

The Robins Resident Center, located in building 905 on the Robins Air Force Base, has three classrooms with capacities of 18, 24, and 40 students, one 18 student computer classroom, and administrative offices.

The facility provides on-base instruction for Associate level classes supporting the AS in Business Administration and currently serves 50 to 100 students with the ability to meet the educational needs of several hundred students.

Mission Statement

Middle Georgia State University educates and graduates inspired lifelong learners whose scholarship and careers enhance the region through professional leadership, innovative partnerships, and community engagement.

History of Middle Georgia State University

In early 2012, the University System of Georgia's Board of Regents recommended the consolidation of Macon State College, which was founded in 1968 in Macon, Ga., and Middle Georgia College, which was founded in 1884 in Cochran, Ga. The consolidation became official on January 8, 2013, creating Middle Georgia State College, a baccalaureate-granting institution with an enrollment of approximately 8,000 students. Dr. John Black was appointed interim president and served through 2013. In January of 2014, Dr. Christopher Blake became the first permanent President of Middle Georgia State College. On March 18, 2015, the University System of Georgia's Board of Regents approved the elevation of the institution to state university and changed its name to Middle Georgia State University, effective July 1, 2015.

History of Middle Georgia College

Middle Georgia College was established on October 20, 1884, as the College of the New Ebenezer Association. The association was composed largely of Baptist churches in Pulaski, Dodge, Laurens, and Telfair counties. Instruction began on January 10, 1887, with approximately 100 students, most of whom were from the Middle Georgia area.

During the early period, the institution was divided into preparatory and collegiate departments. The catalog of 1887 says its curriculum's purpose was "to prepare pupils for business or for the Junior Class in Universities. This includes Latin, Greek, Mathematics, Natural Science and several modern languages, with English studies and Music."

On August 21, 1917, an agricultural and mechanical school for the Twelfth Congressional District was established on the same campus. This school was chartered as one of the branches of the Georgia State College of Agriculture and Mechanical Arts, a department of the University of Georgia.

The Middle Georgia Agricultural and Mechanical Junior College was established in 1919. This, too, was a branch of the University of Georgia. The name was changed to Middle Georgia College, and its operation was placed under a board of nine trustees in 1929.

Middle Georgia College was placed under the Board of Regents of the University System of Georgia on August 27, 1931. The Dublin Center was located in Dublin in 1984. In 2007, the Georgia Aviation Technical College in Eastman was merged with Middle Georgia College. In 2006, the Board of Regents authorized Middle Georgia to begin offering select baccalaureate degrees.

By 2012, Middle Georgia offered 6 four-year degrees and more than 40 majors and transfer programs. The school operated the Georgia Academy of Aviation, Mathematics, Engineering and Science, a residential joint enrollment program to allow students to earn a high school diploma and associate's degree simultaneously. It sponsored intercollegiate athletic teams in six sports.

Middle Georgia College's fall 2012 enrollment was 3,104 students.

History of Macon State College

Macon State College began in 1965, when the University System of Georgia's Board of Regents passed a resolution to create a public two-year college to serve Bibb, Houston, Peach, Crawford, Monroe, Jones and Twiggs counties. The voters of Bibb County approved a bond issue to fund the college, and 168 acres of wooded land were selected in West Macon. When it opened in fall 1968, Macon Junior College became the twenty-fifth institution in the University System of Georgia. Its charter class was 1,110 students, the largest enrollment ever for a new state college in Georgia.

In 1970, the Board of Regents directed Macon Junior College to serve civilian and military employees at Robins Air Force Base. The Robins Resident Center, located on the base, was then established.

In June 1987, the Board of Regents approved a name change to Macon College. In 1991, Macon College began serving Houston County and surrounding areas with the Warner Robins Center, located in the Advanced Technology Park.

The Regents expanded the mission of the College in 1996 to include technological and professional programs at the baccalaureate level, and the next year the institution was officially renamed Macon State College. The charter baccalaureate class graduated in May 1999 with degrees in Information Technology, Health Information Management, and Health Services Administration. The number of bachelor's degrees the College offered grew steadily and drove dramatic enrollment increases.

In 2003, Macon State established the Warner Robins campus on Watson Boulevard. In 2007, the College underwent a major academic reorganization from divisions into schools, and in 2010, it became a residential college through the acquisition of the apartments now known as College Station.

By 2012, Macon State offered 18 bachelor's degrees with 33 majors and concentrations. Between 1999 and 2012, it awarded more than 3,000 bachelor's degrees to its students. Macon State College's fall 2012 enrollment was 5,780 students.

Accreditation

Middle Georgia State University is accredited by the **Southern Association of Colleges and Schools Commission on Colleges** to award associate, baccalaureate, and master's degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia, 30033-4097 or call (404) 679-4500 for questions about the accreditation of Middle Georgia State University.

Middle Georgia State University also has the following specialized accreditations.

The Bachelor of Science in **Information Technology** Program in the School of Information Technology is accredited by the Computing Accreditation Commission of ABET <http://www.abet.org>. (415 North Charles Street, Baltimore, MD 21201 [410] 347-7700).

The Associate and Bachelor of Science programs in **Nursing** in the School of Health Sciences are accredited by the Accreditation Commission for Education in Nursing (ACEN) (3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, [404] 975-5000) and approved by the Georgia Board of Nursing (237 Coliseum Drive, Macon, Ga. 31217-3858 [478] 207-2440).

The **Occupational Therapy Assistant** program in the School of Health Sciences is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, SUITE 200, Bethesda, MD 20814-3449. ACOTE'S telephone number, C/O AOTA, is (301) 652-AOTA and its Web address is www.acoteonline.org.

The Associate of Science in **Respiratory Therapy** in the School of Health Sciences is accredited by the Commission on Accreditation for Respiratory Care (CoARC) (1248 Hardwood Road, Bedford, TX 76021 [817] 283-2835).

The **School of Education** is accredited through the Georgia Professional Standards Commission (GaPSC) (200 Piedmont Avenue, SW, Suite 1702, West Tower, Atlanta, GA 30334-9032 [404] 232-2500) and the National Council for Accreditation of Teacher Education (NCATE) (1140 19th Street, Suite 400, Washington, DC 20036 [202] 223-0077). Providers accredited under NCATE standards, as well as those accredited under the Teacher Education Accreditation Council (TEAC) standards, are now served by the single specialized accreditation system for educator preparation in the United States, the Council for the Accreditation of Educator Preparation (CAEP). More than 900 educator preparation providers participate in the CAEP accreditation system.

Direct inquiries about programs, services, or admissions to Middle Georgia State University at (478) 471-2700.

Nondiscrimination Policy

Middle Georgia State University is committed to ensuring a safe learning environment that supports the dignity of all members of the University community. Pursuant to Section 4.1.7 of the Policy Manual of the Board of Regents of the University System of Georgia (BOR), federal and state laws and regulations, and our vision, mission, and values, Middle Georgia State University does not discriminate on the basis of sex or gender in any of its education or employment programs and activities. Moreover, Middle Georgia State University is an Affirmative Action/Equal Educational and Employment Opportunity institution. Factors of race, national origin, color, sex, gender, age, religion, sexual orientation, or disability are not considered in the admission or treatment of students or in employment. To that end, University policy prohibits specific forms of behavior that violate federal and state laws and regulations, including but not limited to Title VII of the Civil Rights Act of 1964 and subsequent executive orders, Title IX of the Education Amendments of 1972, as well as Section 504 of the Rehabilitation Act of 1973.

For questions and issues concerning equal opportunity and compliance, please contact:

Complaints of Sex or Gender Discrimination (including allegations of sexual harassment or sexual misconduct)

Acting Title IX Coordinator & Chair of the Title IX Working Group

Frances Marine Davis, University Counsel & Campus Affairs

Middle Georgia State University

Phone: 478-471-2472

E-Mail: titleix@mga.edu

Nondiscrimination of Students, Employees, and Applicants (issues of discrimination generally)

Chair of the Nondiscrimination Working Group

Frances Marine Davis, University Counsel & Campus Affairs

Middle Georgia State University

Phone: 478-471-2472

E-Mail: nondiscrimination@mga.edu

Anonymous Complaints

Middle Georgia State University Ethics and Compliance Reporting Hotline

Online: <https://mga.alertline.com/gcs/welcome>

Phone: 877-516-3460

Academic Rights and Responsibilities

Middle Georgia State University is committed to intellectual pluralism and academic freedom. The university recognizes that there are rights and responsibilities that exist concomitant with the academic freedoms underpinning the professional work of its faculty.

Accordingly, Middle Georgia State University operates under the principles of the American Association of University Professors (AAUP) articulated in the 1940 Statement of Principles on Academic Freedom and Tenure (with 1970 Interpretive Comments), which can be found here on the AAUP website: <http://www.aaup.org/report/1940-statement-principles-academic-freedom-and-tenure>.

Academic Calendars: 2016-2017

While every effort is made to ensure the accuracy of information provided, all calendars here published are subject to change. For the most current calendar information, go to <http://www.mga.edu/academics/academic-calendar.aspx>.

FALL 2016

Calendar Event	Fall Session I	Full Fall Session	Fall Session II
Advising for Currently Enrolled Students	February 22-March 18	February 22-March 18	February 22-March 18
Regular Registration	March 21-Midnight July 27	March 21-Midnight July 27	March 21-Midnight October 3
Web Registration System Closed for Drop for Non-Payment	July 28	July 28	
Late Registration (\$50 late fee assessed)	July 29 – Midnight August 14	July 29 – Midnight August 14	October 4 - Midnight October 9
Classes Begin	August 15	August 15	October 10
Drop/Add (Only for students with existing schedules)	August 15-16	August 15-18	October 10-11
University Holidays (No Classes)	September 4-5	September 4-5 November 20-27	November 20-27
Midterm Grades Due	September 13	October 5	November 2
Last Day to Withdraw with a Grade of W	September 15	October 12	November 4
Last Day of Classes	October 5	December 5	December 6
Final Exams	October 6-7	December 6-9	December 7-8
Grades Due	October 11, noon	December 13, noon	December 13, noon
Commencement Ceremony		December 15	

SPRING 2017 (TENTATIVE)

Calendar Event	Spring Session I	Full Spring Session	Spring Session II
Advising for Currently Enrolled Students	September 26 – October 21, 2016	September 26 – October 21, 2016	September 26 – October 21, 2016
Regular Registration	October 24 – Midnight December 15, 2016	October 24 – Midnight December 15, 2016	October 24, 2016 Midnight March 2
Web Registration System Closed for Drop for Non-Payment	December 16	December 16	
Late Registration (\$50 late fee assessed)	December 17 – Midnight January 8	December 17 – Midnight January 8	March 3 – Midnight March 12
Classes Begin	January 9	January 9	March 13
Drop/Add (Only for students with existing schedules)	January 9-10	January 9-12	March 13-14
University Holidays (No Classes)	January 16	January 16 March 6-12	March 6-12
Midterm Grades Due	February 1	March 1	April 5
Last Day to Withdraw with a Grade of W	February 3	March 15	April 7
Last Day of Classes	March 1	May 1	May 2
Final Exams	March 2-3	May 2-5	May 3-4
Grades Due	March 13, noon	May 9, noon	May 9, noon
Commencement Ceremony		May 9-11	

SUMMER 2017 (TENTATIVE)

Calendar Event	Maymester (Online Only)	Summer Session I	Full Summer Session	Summer Session II
Advising for Currently Enrolled Students	September 26, 2016 – March 17, 2017	September 26, 2016 – March 17, 2017	September 26, 2016 – March 17, 2017	September 26, 2016 – March 17, 2017
Regular Registration I	October 24 - Midnight December 15, 2016	October 24 – Midnight December 15, 2016	October 24 – Midnight December 15, 2016	October 24 – Midnight December 15, 2016
Regular Registration II	March 20 – Midnight May 9	March 20 – Midnight May 18	March 20 – Midnight May 18	March 20 – Midnight June 20
Registration System Closed		May 19	May 19	
Late Registration (\$50 late fee assessed)	May 10 – Midnight May 16	May 20 –Midnight May 23	May 20– Midnight May 30	June 21 – Midnight June 25
Classes Begin	May 17	May 24	May 31	June 26
Drop/Add (Only for students with existing schedules)	May 17-18	May 24-25	May 31-June 1	June 26-27
University Holidays (No Classes)	May 29	May 29	July 4	July 4
Midterm	May 31	June 7	June 27	July 10
Last Day to Withdraw with a Grade of W	June 5	June 12	July 7	July 12
Last Day of Classes	June 14	June 21	July 25	July 25
Final Exams	Proctored Exams Arranged by	June 22- 23	July 26-28	July 26-27
Grades Due	June 21, noon	June 27, noon	August 1, noon	August 1, noon

Services for Students

Numerous services are available to assist Middle Georgia State University students in becoming academically successful. There are also numerous opportunities for participation in University-sponsored programs and activities that are culturally, professionally, and personally enriching.

Academic Advising

Middle Georgia State University recognizes **academic advising** as a critical component of a successful educational experience. Through the advising curriculum students will be provided with accurate and timely information necessary to make informed decisions that promote self-sufficiency, self-awareness and self-discovery. Through collaborative relationships with academic advisors, students will be able to define and implement comprehensive educational plans that are consistent with their personal values, goals and career aspirations. Academic advisors, listed by school and major, are found on the Academic Advising website <http://www.mga.edu/advising/>.

Campus Store

Located on all five campuses, the campus stores sell textbooks, supplementary classroom material, Middle Georgia State University souvenirs, clothing, snacks, and beverages. The **Macon Campus store** is on the lower level of the Student Life Center. The **Warner Robins Campus store** is located on the first level of Oak Hall. The **Cochran Campus store** is located on the second floor of Georgia Hall next to the dining hall. The **Dublin Campus store** is located on the main level. The **Eastman Campus store** is located in the lobby of the main entrance.

Career Services

The Office of Career Services collaborates with faculty, staff, and community partners to provide students and alumni career-focused training that will enhance their professional aspirations and lead to a more purposeful contribution to our global society. Common services include administering career assessment tests, developing resumes and cover letters, providing job/internship/externship/graduate school search assistance, strengthening interview skills, hosting career fairs and addressing specific professional development needs (e.g. negotiating salary increases, constructing an efficient LinkedIn profile, expressing proper professional dining etiquette). Additionally, the Office of Career Services connects employers seeking full-time, part-time, or internship candidates to students and alumni of MGA who are ready to enter the workforce. CAREERLINKS (the University's online job board) and many more career-focused resources are accessible 24/7 on the Career Services homepage at www.mga.edu/cs. Walk-ins are welcomed on the Macon campus (Student Life Center, suite 254) and the Cochran campus (Sanford Hall, suite 112) during standard operating hours. Students and alumni alike are encouraged to utilize the center by scheduling an appointment. Support can be gained via email at careerservices@mga.edu or via telephone at 478-471-2714 (Macon campus) or 478-934-3110 (Cochran campus). Highlights of upcoming events may also be viewed on the Career Services official Facebook, Twitter, or LinkedIn page by searching MGA CAREER SERVICES.

Counseling

Individual and group counseling are available for students who may be experiencing anxiety or stress while adjusting to university. All counseling services are provided on a voluntary, confidential basis and are free to currently enrolled students at Middle Georgia State University. Students seeking personal counseling must be enrolled for four or more hours and must be currently attending class at the time counseling is sought. Students requiring or requesting long-term or intensive therapy will be referred to off-campus providers and support groups as appropriate. Each semester, the Counseling Center sponsors seminars and programs on topics related to personal growth and development. Topics for these programs have included increasing self-esteem, managing stress, communication skills, career issues, life planning, improving academic effectiveness, and maintaining healthy relationships. The Counseling Center has two campus locations, the Student Life Center on the Macon Campus (478) 471-2985 and in Sanford Hall on the Cochran Campus (478) 934-3092. Counselors travel to the Dublin, Eastman and Warner Robins campuses by appointment. For more information, visit the Web site at: <http://www.mga.edu/counseling-center>.

Disability Services

Disability Services coordinates and provides a variety of services for students with documented physical and learning disabilities. The aim of this service is to ensure that students with disabilities have equal access to all academic and student programs offered at Middle Georgia State University. Services may include:

- Access and orientation to campus
- Adaptations for exams such as extended time
- Assistance in obtaining textbooks and course materials in alternate format (large print, alternative testing, access to electronic texts, etc.)
- Assistive technology software and AT lab

- Disability Student Handbook available to students upon registration with the Disability Services
- Coordination of academic accommodations with Middle Georgia State University faculty

Disability Services is located within the Counseling Center, located in the Student Life Center on the Macon Campus (478) 471-2985, in Sanford Hall on the Cochran Campus (478) 934-3023, and is available by appointment on the Dublin, Eastman, and Warner Robins Campuses. For more information, visit the Web site at: <http://www.mga.edu/disability-services>.

Email

Student email accounts are provided free of charge to all students. These email accounts serve as an official means of communication. Students are responsible for information disseminated via the student accounts. Questions or problems with email service should be directed to the Office of Technology Resources.

Enrollment Services

Enrollment Services are provided by the Enrollment Call Center, the Office of Admissions, the Office of Financial Aid, and the Office of the Registrar. The Enrollment Call Center helps provide basic information related to enrolling at the university encompassing admission, registrar, financial aid, and student account questions. The Admissions Office and the Financial Aid Office work cooperatively to admit students to Middle Georgia State University and to help them secure financial aid. The Registrar's Office maintains student records and coordinates registration. Each of the five campuses has individuals on site who can answer enrollment services questions. More specific information about Enrollment Services may be found in the Admissions and Student Finances sections of this catalog or by calling the Enrollment Call Center at 1-877-238-8664 or by visiting <http://ask.mga.edu>.

Food Services

Food services are available on all the five campuses. Coffee shops and limited menu cafes are on the Macon, Cochran, Eastman and Warner Robins campuses. Grab and go items are available on the Dublin campus in the Campus Store. Full service dining halls are located on the lower level of the Student Life Center in Macon and in Georgia Hall on the Cochran campus.

Library Services

The five campus libraries of Middle Georgia State University provide access to a wide variety of print, electronic, and audiovisual materials striving to maintain a current collection that supports the curriculum of the University.

Middle Georgia State University Library participates in GALILEO, the statewide library initiative. GALILEO provides access to over 130 periodical and information databases and over 2,000 full-text periodicals. Additionally, the library subscribes to more than 20 other computerized databases including the ACM Digital Library, CINAHL Complete, JSTOR, Project Muse, Criminal Justice Abstracts with Full-Text, as well as thousands of e-books. GIL is the online catalog and searches the collections of the Middle Georgia State University libraries, while the GIL Universal Catalog searches the more than 13 million bibliographic records of all USG libraries.

An interlibrary loan program and the statewide GIL Express program enable students, faculty, and staff to borrow books and obtain copies of articles not available at the Middle Georgia State University Library. Intercampus delivery of library resources is also available. Librarians work one-on-one with students and faculty at the reference desks and through virtual means such as chat reference and e-mail reference. Library instruction sessions are available upon faculty request for the teaching of research, critical inquiry, and use of library resources.

Each campus of Middle Georgia State University has its own library, and hours vary with campus location. More information about library services is available by visiting the Library's website at <http://www.mga.edu/library>

University Police

The University Police Department seeks to develop a partnership with the campus community by using proactive policing methods. Middle Georgia State University police strive to provide competent and courteous crime prevention measures that are critical to the accomplishment of the department's overall mission for a safe and secure community in which to learn, work, and live. For emergencies, dial 911 or 9911 by campus phone. For general questions and parking inquiries, contact each campus as follows:

Macon Campus	478-471-2414
Cochran Campus	478-934-3002
Dublin Campus	478-274-7751
Eastman Campus	478-374-6403
Warner Robins	478-929-6750

Visit the Middle Georgia State University Police Department website at <http://www.mga.edu/police/> to learn about safety programs, resources, and other information.

Residence Life

Student housing is available on the Cochran, Eastman, and Macon campuses. The Office of Residence Life supports the mission of the University by providing students with a safe living-learning environment that supports academic pursuits and personal

growth while fostering a sense of community, civic responsibility, and an appreciation of integrity, civility and diversity. For more information, contact the Office of Residence Life at <http://www.mga.edu/residence-life/> or (478) 934-3027.

Student Handbook

The student handbook provides information about important student resources and policies, such as the Drug-Free Campus Policy and the Student Code of Conduct. The Handbook is available at www.mga.edu/student-affairs.

Student Life

The Student Life program serves the needs of a diverse student body by providing quality programs designed to offer students opportunities to interact with faculty, staff, and other students outside the classroom setting, to provide students the opportunities to broaden their social, cultural and leadership experiences while in college, and to help students become aware of and involved in community concerns. Additional information is available by visiting the Office of Student Life in the Student Life Center on the Macon Campus, (SLC-113), (478) 471-2710, on the Cochran Campus in Georgia Hall (478) 934-3152, on the Dublin Campus (478) 275-6768, on the Eastman Campus (478) 448-4703, on the Warner Robins Campus (478) 329-4741 or by visiting the Student Life website at <http://www.mga.edu/student-life/>.

Student Success Centers

Located on the lower level of the Library Building on the Macon Campus, the lower level of Oak Hall on the Warner Robins Campus, the third floor of Roberts Library on the Cochran campus and on the upper level room 208 on the Dublin campus, Student Success Centers offer instructional support to enhance the classroom experience. Supports include tutors, study skills resources, and workshops. Computers and printers are available for student use at all locations. For more information go to <http://www.mga.edu/academic-resource-center/>.

Veterans' Affairs

Middle Georgia State University is approved for the educational training of the following eligible persons:

1. Pre-approved veterans with service-connected disabilities.
2. Students with VA educational eligibility under the Montgomery/ GI Bill (Active Duty and Selected Reserve), the Post-9/11 Veterans Education Assistance Act of 2008 (New GI Bill), and the Reserve Educational Assistance Act (REAP).
3. Certain eligible spouses and dependents of veterans who are totally and permanently disabled as a result of military service, those who died while in the military, or those whose death resulted from a military-connected disability may be apply for DEA (CH. 35) or the Fry Scholarship.

Veterans and other eligible persons interested in obtaining educational benefits must meet all applicable requirements for admission as outlined in this catalog; moreover, students who are certified to receive VA educational benefits will be governed by the same academic policies, rules, and regulations as stated in the *Middle Georgia State University Catalog* and in the *Middle Georgia State University Student Handbook*. The Veterans' Certification Office provides the following services:

1. Certifying persons for the receipt of VA educational benefits.
2. Monitoring registration, withdrawal and academic progress with reporting as required to the Veterans' Administration.

Students who attend the University under the Montgomery GI Bill, REAP, DEA, Fry Scholarship and the New GI Bill/ Post 9/11 are required to pay University tuition and fees as regular students since VA benefits are paid directly to recipients according to law. Students are certified according to VA rules separately for each term or mini-term as full time, 3/4 time, etc., depending on the length of the term and the hours taken. For more information, contact the Registrar's Office on the Macon Campus at (478) 757-2681 or the Registrar's Office on the Cochran campus at (478) 934-6406.

Wellness

Wellness centers are located on the Macon, Cochran, Dublin, Eastman, and Warner Robins campuses. The Macon campus Recreation & Wellness Center offers state of the art facilities including 4,000 square foot weight room, 3,500 square foot cardio deck, 2 group fitness rooms, a 2 court basketball gym, 2 racquetball/squash/walley ball courts, indoor track, 4 lane bowling alley, 3 interactive gaming systems (2 Xbox1 and 1 PS4), and a resistance swimming pool. The amenities offer options to help develop workout plans to help you meet your goals as well as interactive applications that you can download to your smartphone or other device to track your progress. The intramural and outdoor recreation program offers various sports leagues, tournaments, free play, and trips such as hiking and kayaking. The Cochran campus Wellness Center houses a fitness center, aerobics room, indoor walking track, gymnasium floor, intramural programs, interactive gaming, billiards, ping pong, and a rock climbing wall. The Warner Robins Activity Center & Café is located in Thomas Hall and offers opportunities for interactive gaming, billiards, ping pong, cardio, and strength training. The Dublin campus offers billiards, ping pong, interactive gaming, and a small cardio and weight room. The Eastman campus offers a cardio room with multiple options for cardio training as well as a weight room to offer most any type of strength training available. These centers are committed to providing opportunities for individual fitness, social interaction, leadership development, extra-curricular involvement & enjoyment through an extensive program of health, fitness, sports, and recreational activities.

To join a Middle Georgia State University fitness center, students must complete a registration form, sign a liability waiver, and participate in a brief facility orientation. No appointment is needed. Walk-ins are always welcome. A valid Middle Georgia State University ID is required to utilize the Wellness Center facilities and to participate in activities. Additional information is available by visiting the Wellness Center website at <http://www.mga.edu/wellness/>.

Special Programs and Services

Middle Georgia State University Foundation, Inc.

The Middle Georgia State University Foundation oversees the university's philanthropic assets and activities. Gifts to the Foundation are used to increase scholarships and opportunities for deserving and diverse students; to promote excellence and achievement among faculty; to bolster public engagement to complement our academic strengths; and to strengthen our people, programs and facilities to support and promote academic success. The Foundation is governed by a volunteer Board of Trustees comprised of community leaders who raise funds and advocate for the university, and ensure responsible, effective stewardship of contributions.

Continuing Education

As a partner in the economic development of our region, Middle Georgia State University's Division of Continuing Education is positioned to deliver courses and training that lead to job growth and creation, and support business retention and recruitment. Our entrepreneurial approach ensures quick-to-market training that is flexible, responsive, and innovative.

Admissions

Admission Procedures

Admission to Middle Georgia State University requires the Office of Admissions to know as much as possible about the academic ability and conduct of its applicants. Acceptance is based on previous academic performance, test scores, conduct, and, when appropriate, results of personal interviews and other information deemed necessary to determine the applicant's general fitness for admission to an institution of higher learning. Only after such information is obtained can the University make an admissions decision in the best interest of both the applicant and the University. Middle Georgia State University reserves the right to refuse admission to an applicant based on the results of such appraisal. The admission procedures outlined below should be followed in order to furnish the Office of Admissions with a complete set of relevant information.

Prospective students should:

1. Complete the online application through either GACollege411.org or at www.mga.edu/admissions. A \$30 nonrefundable application fee is required and can be paid online with a credit card.
2. Have an official transcript mailed by the high school directly to the Office of Admissions **if entering directly from high school**.
3. Have an official transcript of GED test scores mailed by the State Department of Education directly to the Office of Admissions **if entering on the basis of a GED "High School Equivalency Diploma."**
4. Have an official transcript from each college attended mailed by the respective registrar's offices directly to the Office of Admissions at Middle Georgia State University **if entering as a transfer student**.
5. Have SAT or ACT test scores sent directly to the Office of Admissions.
6. Submit appropriate document for Verification of Lawful Presence in the United States. Document list is available at http://www.mga.edu/admissions/docs/Lawful_Presence_Documentation.pdf.
Submit a Certificate of Immunization. A medical examination is not required of applicants for admission to the University. However, all new students must submit a Certificate of Immunization prior to attending classes. The Office of Admissions will provide applicants with the required Immunization form or it can be obtained at http://www.mga.edu/admissions/docs/Immunization_Certificate.pdf.

The mailing address for the Office of Admissions is 100 University Parkway, Macon, Georgia 31206-5145. The telephone number for the Enrollment Call Center is toll free 1-877-238-8664.

Applicants may also check their admission status at any time using our online **Admission Status** checker found at www.mga.edu/checkmystatus. Official admission decision letters will be mailed to the permanent mailing address on file in the Office of Admissions.

Official Documents Required

It is the responsibility of the applicant to furnish official documents to the Office of Admissions. Documents delivered by the applicants themselves (such as student-issued transcripts or letters, grade reports, diplomas, or graduation lists) are not typically considered official. Official documents must be issued directly by the Registrar of the previous institution(s) in a sealed envelope or by electronic submission. These documents become a part of the applicant's Middle Georgia State University record and will not be returned. Application files are reviewed for eligibility only after all required documentation has been received.

Admissions Deadlines

The preferred admissions deadlines are 30 days prior to the intended semester start date. Applications and all supporting documents should be submitted to the Office of Admissions prior to the preferred deadline.

Transfer Students

Evaluations of transfer credit are evaluated in the order of receipt and posted to the Students Web Organized Records & Data System (SWORDS) account. Applicants are encouraged to apply as early as possible for the term of transfer. For a student to be considered an on-time applicant, all admissions materials must be properly executed and submitted to the Office of Admissions by the admissions deadline or at least four weeks prior to the beginning of the semester for which admission is sought. Transfer courses may be viewed in the Student Web Organized Records & Data System (SWORDS) account once accepted to the university. Use this link:

- <http://www.mga.edu/technology/banner.aspx>
- click on SWORDS,
- log-in with assigned student ID number from the acceptance letter,
- click "student records", academic transcript,
- select "all levels" and "official transcript".

Admission with Incomplete Documents

In exceptional cases, certain applicants may be admitted on the basis of incomplete or unofficial supporting documents. In such circumstances, the admission decision is provisional and is contingent upon receipt of final and official documents. If the final and official documents are not received by the **date specified in the provisional admission, or if the final documents indicate the student is ineligible for admission, the applicant's admission may be canceled and all fees which have been paid are forfeited.**

Background Check Policy Related to Admission

Applicants to Middle Georgia State University are required to answer accurately on the GA411 application for admission and on any paper applications questions related to prior or pending charges and convictions. An affirmative answer to the questions does not automatically mean an admissions denial but it does require further review before a decision will be made.

Applicants who mark “yes” to any of the criminal questions will undergo further review through the following methods:

- A completed background questionnaire will be required to be returned to the Office of Admissions.
- A signature is required on the questionnaire form, allowing the University to perform a background check and investigation. For out of state arrests or convictions, applicants will be required to pay for a national background check. (Specific information on how to proceed with a national background check will be sent to the applicant in a letter.)
- Upon receipt of the background check, the Director of Admissions and/or the Assistant Vice President of Student Affairs will review the report and determine whether an admission decision can proceed forward or whether an interview with the Assessment and Care Team (ACT) Committee is required.
- The committee will consist of representatives from Campus Police, Residence Life, Counseling Services and the Student Affairs office.
- Once a decision concerning admission is made, the Director of Admissions is notified.
- The applicant will be notified of final decision by letter.
- The decision of the Assessment and Care Team Committee will be final. Applicants may reapply after one year and are strongly encouraged to consider other educational opportunities, to think about more specific life lessons learned, and/or more specific educational/career goals.

Admissions decisions are contingent upon the results of criminal history information provided by the applicant or obtained during a background investigation. Applicants that demonstrate a history of criminal activity or behavior will be considered based on the nature, number and gravity of crimes for which the applicant was convicted and the amount of time that has passed since the conviction.

Applicants that fail to report criminal history information may be removed from further consideration in the admissions process. All statements made in admissions applications must be true and complete. Discrepancies, misstatements, omissions, and/or falsifications may be cause for denial. If an applicant is admitted and it is later determined that the information provided during the admissions process was not factual or complete, the applicant may face student conduct charges.

Students with Disabilities Admissions

It is the policy of Middle Georgia State University to provide program accessibility and reasonable accommodations for persons defined as disabled in Section 503/504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. No student with a disability who is qualified to enter Middle Georgia State University will be denied admission or be subject to discrimination in the application of admission standards.

Students with disabilities have the responsibility of contacting Disability Services to schedule an interview for assessment of their needs prior to their first semester of enrollment at Middle Georgia State University. To qualify for services, students must verify disability by providing current documentation from a qualified health professional. Subsequently, these students have the responsibility of 1) submitting a class schedule each semester to Disability Services, 2) identifying themselves and their needs to each professor at the first week of class each semester, and 3) notifying Disability Services as soon as possible should any problems arise concerning their academic program.

Disability Services is located on the second floor of the Student Life Center on the Macon Campus (478) 471- 2985, in Sanford Hall on the Cochran Campus (478) 934-3023, and is available by appointment on the Dublin, Eastman, and Warner Robins Campuses. For more information, visit the Web site at: <http://www.mga.edu/disability-services>.

Middle Georgia State University Admission Categories

Auditing Admissions

Applicants who want to take university level courses and earn no grade or credit for the courses may be granted admission as an auditor. All auditors must complete an admission application, provide evidence of high school graduation or a GED, and any additional documentation required by the Office of Admissions.

Traditional Freshman Admission

Traditional freshmen are students that have graduated from high school within the past 5 years, prior to the term of entry. All traditional freshmen applicants must submit SAT or ACT scores and have a high school diploma or a General Educational Development Diploma (GED). The high school diploma must be issued from a high school accredited by a regional accrediting association, the Georgia Accrediting Commission, the Georgia Private School Accrediting Commission, the Accrediting Commission for Independent Study, or from a public school regulated by a school system and state department of education. Applicants who have a High School Certificate (also called a Certificate of Performance) or a Special Education Diploma are not considered to be high school graduates for admission purposes. Students applying for freshman admission must meet the following set of criteria for the various degree programs:

Students must meet **all** the following criteria for entrance into the institution:

- Minimum Test Scores
 - SAT Scores: 370 Critical Reading and 350 Math or
 - ACT Scores: 15 English and 14 Math
- Minimum Freshman Index of 1860*
 - Freshman Index = $500 \times (\text{HSGPA}) + (\text{SATCR}) + (\text{SATM})$ or
 - Freshman Index = $500 \times (\text{HSGPA}) + [42 \times (\text{ACTC})] + 88$
- No RHSC (Required High School Curriculum) deficiencies

*Traditional age beginning freshmen who have earned a GED will not have a calculated Freshman Index but will be evaluated using alternative evidence of university readiness.

**Applicants that graduate from a non-accredited high school may still be considered for admission to MGA. A high school transcript and portfolio must be submitted that includes course descriptions of all courses taken. Minimum test scores, freshmen index and RHSC requirements also apply.

Required High School Curriculum

Students who graduate from high school in 2012 or later must present credits for (17) specified units. Students applying to an institution who graduated prior to 2012 must present credit for sixteen (16) specified units. The 17 specified units are:

- MATHEMATICS: Four (4) units of Mathematics, including Algebra I, Algebra II, and Geometry and a fourth year of advanced Math or Mathematics I, II, III and a fourth unit of Mathematics from the approved list.
- ENGLISH: Four (4) units of English which have as their emphasis grammar and usage, literature (American, English, World), and advanced composition skills.
- SCIENCE: Four (4) units of science, with at least one laboratory course from the life sciences and one laboratory course from the physical sciences. Georgia Public high school graduates must have at least one (1) unit of biology, one (1) unit of physical science or physics, and one (1) unit of chemistry, earth systems, environmental science and one (1) unit of a fourth science.
- SOCIAL SCIENCE: Three (3) units of social science, with at least one (1) course focusing on United States studies and one (1) course focusing on world studies.
- FOREIGN LANGUAGE: Two (2) units in the same foreign language emphasizing speaking, listening, reading, and writing. Two (2) units of American Sign Language may be used to satisfy this requirement.

Note: In addition to these minimum requirements, students are encouraged to take additional academic units in high school to improve their probability for admission and success.

Students who do not meet published admission standards but who show exceptional potential may be granted admission on a limited basis. Furthermore, meeting minimum Board of Regents requirements does not guarantee admission to MGA as each institution may set additional and/or higher requirements.

Middle Georgia State University High School Student Admission

Middle Georgia State University offers the Move On When Ready program, providing high school students the opportunity to earn dual credit through a commuter option as well as our residential program, The Georgia Academy of Arts, Mathematics, Engineering and Sciences. These programs are designed to encourage academically superior students to begin university level work at Middle Georgia State University while completing requirements for high school graduation.

It is left to the discretion of the high school as to whether credit earned in these programs will be accepted toward fulfillment of its graduation requirements. Therefore, it is very important that students consult their high school guidance counselor and/or principal to determine the university courses in which to enroll to satisfy graduation requirements. **The school counselor or**

principal making the recommendation must submit written course recommendations to the Office of Admissions together with the student's high school transcript and SAT or ACT scores. Students applying for any of these programs should take the SAT or ACT as early as possible. Applications will be considered on an individual basis, and a personal interview may be required. Applicants may obtain application materials and additional information from their high school counselor, the Office of Admissions at Middle Georgia State University, or at <http://www.mga.edu/admissions/high-school-students.aspx>.

Move On When Ready Program

The Move On When Ready Program enables qualified Georgia high school students to receive tuition, fees, and textbook funding for approved college courses taken through Georgia colleges. Funding is administered by the Georgia Student Finance Commission. Additional information about the program may be found at https://www.gsfc.org/gsfnew/SandG_regs.cfm or <http://www.mga.edu/admissions/high-school-students.aspx>.

Move On When Ready (MOWR) Admission Criteria--Commuter

Applicants for admission to this program must:

1. Submit a completed application for admission for Move On When Ready (including approved course recommendations) .Have a minimum cumulative high school grade point average of 3.0 to include all attempts in academic coursework as calculated by Middle Georgia State University for admission purposes
2. Have a combined Critical Reading/Math SAT score of 970 or above with a minimum Critical Reading score of 430 and Math of 400, or an ACT minimum English score of 17, Math score of 17, and a Composite score of 20
3. Have evidence on the high school transcript that student is on track towards completion of the College Preparatory Curriculum or the USG Required High School Curriculum requirements and high school graduation
4. Be recommended by their high school counselor or principal.
5. Have the written consent of a parent or guardian (if the student is a minor).
6. Provide immunization record, lawful presence documentation and any other materials required by the Office of Admissions.

Georgia Academy of Arts, Mathematics, Engineering and Sciences Student

The Georgia Academy of Arts, Mathematics, Engineering, and Science is a residential component of the MOWR program for top-performing high school juniors and seniors. (A sophomore may be considered based on curriculum and maturity.) Originated in the fall of 1997, Georgia Academy of Arts, Mathematics, Engineering, and Science allows students who meet the strenuous admission requirements to obtain high school and college credit simultaneously while enrolled full-time in college courses.

Submit a request for information by visiting the GA Academy website at <http://www.mga.edu/georgia-academy/> or by contacting The Academy at (478) 934-3471; or via e-mail at academy@mga.edu

Minimum requirements for admission to the Georgia Academy of Arts, Mathematics, Engineering, and Science program are as follows:

1. A high school cumulative grade-point average of a 3.5 on a 4.0 scale in academic core classes;
2. A composite Critical Reading and Math score of 1100* on the SAT examination with minimum scores of 560* on the Math section and 530* on the Critical Reading section or a composite score of 24* on the ACT with a minimum score of 24* on the Math section and a 23* on the English section.
3. Enrollment in an accelerated college prep curriculum;
4. Submission of three recommendation forms provided by Georgia Academy of Arts, Mathematics, Engineering, and Science (one must be completed by a student's Math instructor, one by a science instructor, and one by a student's high school counselor), an essay, and a high school disciplinary record;
5. Completion of on-campus interviews with the student and at least one parent or guardian.

International Student Admission

Middle Georgia State University values the contributions international students make to our campus community. International students provide the University with a diverse population through which differences in race, ethnicity, religious conviction, and cultural background may be celebrated. To learn more about the admission requirements and to access appropriate forms, visit www.mga.edu/admissions.

Because additional processing time is required, international students should submit the admissions application and all supporting documents at least 60 days prior to the desired semester of enrollment. Foreign educational credentials must include English translations.

In addition to satisfying the regular requirements for admission as freshmen or transfer students, international applicants must provide evidence of adequate financial support to meet educational and personal expenses. International students must provide evidence of adequate immunization and have health insurance coverage that meets minimum University System of Georgia standards. Additional information regarding mandatory student health insurance coverage may be found at www.mga.edu/current/student-insurance.aspx. Middle Georgia State University determines admissibility of international applicants only after **all** required admissions documents have been received. The certificate of eligibility (Form I-20) cannot be forwarded to an international student until after an offer of acceptance has been extended by the University.

International students without previous records at colleges or universities within the United States must meet the requirements outlined in this catalog for admission as beginning freshmen. International students who have attended colleges or universities within the United States must meet the requirements outlined for admission as transfer students.

Applicants whose first language is not English and whose language of instruction throughout secondary school was not in English must take the Test of English as a Foreign Language (TOEFL) and must attain a total minimum score of 523 (paper-based test), 193 (computer-based test) or 69 on the internet-based test. Information regarding the TOEFL exam may be found at www.toefl.com. The University will also accept the International English Language Testing System (IELTS) if a student scores a 6.5 or higher. Scores from the SAT or the ACT are required for all international students. Students must score at a minimum 430 on the Critical Reading SAT I and a 400 on the math section of the SAT I, or a 17 on the ACT on the English and Math portions of the test.

Once admitted into the University, international students (with F-1 visas) are required to **register** for and **complete** a full-time course load (at least 12 semester hours) each academic term, with the exception of summer. International students must be registered for at least 12 semester hours no later than the first day of class for regular session courses during the fall and spring semesters. Middle Georgia State University is required to report international students who drop below full-time status or who do not remain in "good academic standing" to the U.S. Citizenship and Immigration Services. Such students are considered "out of status" and their F-1 status will therefore be terminated. **It is the responsibility of the international student to fully understand and comply with all U.S. immigration laws governing their visa status.**

International students are required to pay non-resident tuition. Middle Georgia State University has a limited number of International Academic Waivers. Effective Fall 2015, to be considered for one of the Presidential waivers, new applicants must meet one of the following criteria:

1. Beginning Freshmen must have a minimum Freshmen Index of 2500.
2. A transfer student with 1-29 transferable credit hours must meet a minimum Freshmen Index of 2500 and a 3.00 college grade point average.
3. A transfer student with 30 or more transferable credit hours must have a 3.00 college grade point average. Because the number of international fee waivers is limited, meeting the minimum criteria for consideration does not guarantee award of the waiver. Additional information regarding application for a non-resident fee waiver may be obtained at http://www.mga.edu/admissions/docs/waivers/Presidential_Waiver_Form.pdf. An international student who violates any aspect of their F-1 visa status will not be considered for a non-resident fee waiver. The University reserves the right to rescind fee waivers for international students with F-1 status violations.

All new international students must report to the International Student Admission person within the first two weeks of class and must provide the office with their passport, I-20, and I-94 records. Photocopies of these documents will be placed in the student's admission file and the originals will be returned to the student.

Additional Information for International Students on Maintaining Their F-1 Visa Status

- Students must have a valid (unexpired) passport.
- Attend the school that you are authorized to attend based on your I-20. If you are transferring from another U.S. College or University immediately prior to coming to Middle Georgia State University, complete the [MGA F1 Student Transfer Form](#) so that both schools are aware of your intent to transfer and update your SEVIS records accordingly.
- Maintain a full semester load with a minimum of 12 semester credit hours in the fall and spring semesters. This does not apply to summer semester unless it's the first semester you attend. Students may study under 12 credits if it's their last semester and they require less than 12 credits to graduate. See your International Student Admissions adviser regarding any changes to your schedule.
- Dropping a class is not permitted unless a student still maintains 12 or more credit hours each semester.
- Students cannot audit or withdraw from a class without prior permission from their international student adviser.
- Students can only enroll in one online course each semester.

- Be aware of your program completion date on your I-20. An extension to your I-20 will be permitted only once if you are progressing satisfactorily towards your degree.
- Students are limited to 20 hours per week of on-campus employment when school is in session.
- Avoid unauthorized employment. The Department of Homeland Security restricts international students from working off campus.
- Make normal progress toward completing the course of study.
- Notify the International Student Admissions Adviser if you intend to transfer to another school and complete the [MGA F1 Student Transfer Out Form](#).
- Students must report a change of address, name, or phone number to the International Student Admissions Advisers within 10 days of the change.
- Within 60 days of completing the course of study, you must transfer to another school or leave the United States.
- Students must not leave the United States, even for a short time, without making sure that all travel documents are valid and in their possession, and that the International Student Admissions Adviser signs their I-20.
- Please be advised that failure to comply with USCIS regulations will result in loss of F1 status and will require reinstatement by USCIS.

Non-Traditional Freshman Student Admission

Non-traditional freshmen are defined as individuals who meet all of the following criteria:

- Have been out of high school at least five years and whose high school class graduated at least five years ago;
- Hold a high school diploma from an accredited or approved high school or have satisfactorily completed the GED; and,
- Have earned fewer than 30 transferable semester credit hours.

All non-traditional freshmen must be screened for placement in Learning Support courses using a placement test administered by a USG institution and must meet USG criteria for exemption or exit of Learning Support English (reading/writing) and Math. For students transferring from a Commission on Colleges (COC)-accredited Technical College System of Georgia (TCSG) College, comparable scores from the TCSG College may be used according to guidelines issued by the USG chief academic office.

As an alternative, an institution may allow non-traditional freshmen who have within the past seven (7) years posted SAT scores of at least 500 in both Verbal/Critical Reading and Mathematics or ACT scores of at least 21 on both English and Mathematics to exempt the placement test.

Non-traditional freshmen admission may be awarded provided the student meets the minimum requirements set by Middle Georgia State University. Current non-traditional student admission standards can be found at <http://www.mga.edu/admissions/adult-learners.aspx>. (*USG BOR 4.2.1.4 Non-Traditional Students*)

Senior Citizen Admission

Eligible persons (62 years of age or older) may audit or enroll in a course for resident credit on a space available basis without payment of fees except for application fees, supply fees, laboratory fees, and applied music fees. Applicants must provide evidence of immunization by completing the Immunization form provided by the Office of Admissions.

To be eligible for admission and enrollment as a senior citizen, persons must:

1. Meet all requirements for admission as an auditor, beginning freshman, transfer student, or re-entering student as outlined elsewhere in this catalog.
2. Be a legal resident of the State of Georgia.
3. Be 62 years of age or older at the time of registration. (A birth certificate or other comparable written documentation of age must be submitted with the application for admission.)

Special Student Admission

Applicants who have a baccalaureate or higher degree from an accredited institution of higher education and who do not wish to pursue another degree may enroll as Special Students. Individuals in this category are required to submit an official transcript showing evidence of degree completion. Applicants must also provide evidence of immunization and submit Lawful Presence

documentation and any other materials required by the Office of Admissions. An applicant with a degree who wishes to complete a program at Middle Georgia State University will be classified as a transfer student and must meet the requirements set forth in the catalog.

Transfer Student Admission

- Transfer applicants who have earned fewer than 30 semester hours of transferable credit must comply with both [freshman](#) and transfer admission requirements.
- Transfer applicants must present a cumulative grade-point average of 2.00 or above (based on a 4.00 scale) on all work attempted and must be in "good standing" at the last institution attended in order to be admitted in "good standing".
- Transfer applicants with less than 30 semester hours of transferable credit whose cumulative grade-point average is below 2.00 may be considered for admission and will immediately be placed on academic probation. If the first term grade point average at Middle Georgia State University is not a 2.00 GPA or higher, the student will move to an academic suspension status and not be allowed to reenroll for the second semester.
- Transfer applicants who have earned 30-59 hours of transferable credit must meet the following requirements to be admitted:
 - Present a cumulative grade-point average of 2.00 or above (based on a 4.00 scale) on all work attempted
 - Be in "good standing" at the last institution attended
 - Must have met all learning support and RHSC requirement
- Transfer applicants who have earned 60 or more transferable hours must meet the following requirements to be admitted:
 - Present a cumulative grade-point average of 2.00 or above (based on a 4.00 scale) on all work attempted
 - Be academically eligible to return to the college they last attended.

Students who have earned less than thirty or more semester hours must complete any outstanding learning support and Required High School Curriculum deficiency requirements. Some transfer students may be required to participate in the placement examination process and, based on those results, may be required to enroll in Learning Support courses.

Students with Learning Support requirements at their previous institution may be admitted only in accordance with the Learning Support policies and procedures established by the University System of Georgia and Middle Georgia State University. In order for a student to receive transfer credit for Learning Support courses, the student must have taken and successfully exited the remedial course and successfully passed the Compass exit exam. Students who have not exited an area at their previous institution will be bound by Middle Georgia State University Learning Support requirements. Middle Georgia State University may require additional testing to help determine an applicant's qualifications for admission.

Transfer Credit Policy

Transfer evaluations are completed in the order of receipt by the University. Completed evaluations may be viewed on your SWORDS account at <http://www.mga.edu/technology/banner.aspx>.

- Middle Georgia State University will only accept credit from regionally accredited colleges and universities. Only official transcripts will be reviewed for an evaluation of credits.
- Only undergraduate coursework will be considered for transfer for certificate, Associate's or Bachelor's degrees. .
- Students must earn a minimum of 25% of the credit hours required for the undergraduate degree program at this institution. Review the Residency Requirements under Graduation Information in this catalog to see the accepted number of credit hours of academic credit that may be applied to a degree. **At least a "C" in freshman composition is required for transfer credit in English 1101 and English 1102.**
- Transcripts for transient students will not be evaluated.
- All transfer credit is awarded in semester hours. Quarter hours will be converted at one quarter hour equivalent to 2/3 semester hour.
- Freshman and sophomore level courses will not receive equivalent credit for a junior or senior level course at the university.
- All passing grades received from a regionally accredited college or universities are applicable toward a degree or certificate and counted in the transfer GPA at the **first** time of admission to the university. If a course is repeated only the **last** grade will transfer toward academic credit for a degree. Students are not allowed to repeat a course as transient or transfer student for a higher transfer grade point average. Coursework from subsequent transcripts received after first matriculation with the university a higher grade will not be reviewed for repeated courses. All grades that are transferrable to the university will count in the transfer GPA.

- Remediation, developmental or learning support courses are excluded from the transfer GPA. However, all attempted college coursework will be recorded and counted for financial aid eligibility.
- Transfer of technical credit will be awarded in accordance with Board of Regents policies and current articulation agreements with the university.
- Courses deemed equivalent to Middle Georgia State University will be assigned a Middle Georgia State University course prefix and number. Courses where there are no equivalents will receive elective credit and assigned a course number that starts with the number nine (i.e. BIOL 9100). Students may petition for degree credit through the appropriate academic school for their major.
- Test scores (e.g., AP, CLEP, IB) must be official and submitted to the Office of Admissions.
 - No credit is awarded for the College Level Examination Program (CLEP) "General Examinations." To see which CLEP Subject Examinations are accepted for credit, see the Academic Requirements and Information Section of this catalog or go to www.mga.edu/testing-services/clep.aspx.
 - Students may apply for Advanced Placement Program credit only after being accepted and enrolled by Middle Georgia State University. For additional information, please refer to catalog section Credit by Examination under Academic Requirements.
- Students with transcripts from a college or university outside of the United States must submit a foreign credential evaluation from a professional evaluation company, such as World Education Services, Josef Silny & Associates, Educational Credentials Evaluators, or Incred for international student athletes registering with the NAIA Eligibility, Center in order for the credits to be evaluated.
- Students who have served in the military must submit official military transcripts in order for their experience to be considered for university credit.
- The total number of combined hours earned through correspondence, extension, and military experiences shall not exceed 15 semester hours.

Transient Student Admission

Applicants who have attended another college or university and seek temporary admission to Middle Georgia State University must submit a letter from the registrar of the institution in which they are regularly enrolled which recommends admission as a transient student. Applicants must also provide evidence of immunization and submit Lawful Presence documentation and any other materials required by the Office of Admissions. All transient students must provide evidence that the pre-requisites for courses the student intends to enroll in have been successfully completed. Transient students who wish to continue in attendance beyond a temporary period must meet the requirements outlined for transfer students. Transient students are expected to abide by Middle Georgia State University's policies, procedures, and student code of conduct.

Non-Degree Major Admissions

Applicants who have not previously attended a college and who wish to pursue courses for personal enrichment or advancement must satisfy regular admissions requirements prior to enrollment. Non-degree majors must satisfy all Learning Support prerequisites before enrolling in a course and may earn a maximum of 15 semester hours (including institutional credit). Students must fulfill all relevant beginning freshman requirements before entering a degree program.

Former Student Admission

Students who have attended Middle Georgia State University within a 12 month period and who have not attended any other institution in the interim are not required to reapply. Former enrolled students who have attended other institutions since their enrollment at Middle Georgia State University, but within a twelve month period, must furnish official transcripts from each institution attended and contact the Office of Admissions to update their record. Former students who have not attended Middle Georgia State University within the last twelve months or who were dismissed academically or suspended under the Learning Support Exclusion policy must file a new online application through the Office of Admissions at www.mga.edu/admissions. Former students who are required to complete a new application must pay the \$30 nonrefundable application fee.

Former students will be evaluated for re-admission based on the current admission standards and following these guidelines:

1. Former students who stop out for more than twelve months and leave in good academic standing and have exited all learning support requirements will be guaranteed readmission to the university, but not to a particular degree program.
2. Former students who stop out while on probation may be readmitted for one term and must make a 2.00 term grade point average to remain enrolled.
3. Former students who are dismissed for academic reasons may apply for readmission after the established waiting period set forth in the Academic Standards (i.e., first suspension = one term; second suspension = one year) but after a third suspension, students are not eligible for readmission to the university until they are able to meet an overall cumulative 2.00 grade point average (transfer + institutional GPA).

4. Former students who attend another college or university after leaving MGA will be reevaluated for admission based on their entire academic records (transfer + institutional).

Aviation Certificate Programs

Alternative admission standards apply to the aviation certificate programs. Students must meet the following alternative admission requirements:

- Completed and received a College Preparatory, Technical/Career Preparatory or general high school diploma or passed the General Education Diploma (GED) test
- Minimum high school GPA 2.0
- English Placement Index (EPI) = 3354 OR less than 3354 AND MPI 1028 +
- Math Placement Index (MPI) = 995 OR less than 995 AND EPI 3905+

Certificate students can transition into degree programs only upon completion of the certificate program. If an Aviation Certificate student would like to change into an Associate's or Bachelor's degree program prior to completion of the certificate program, they must meet the regular Middle Georgia State University admission standards.

Notification of Privacy Rights

The Family Educational Rights and Privacy Act (FERPA) affords students certain rights with respect to their education records. They are:

1. The right to inspect and review the student's education records within 45 days of the day the College receives a request for access. Students should submit to the Office of the Registrar written requests that identify the record(s) they wish to inspect. The Registrar will make arrangements for access and notify the student of the time and place where the records may be inspected. If the records are not maintained by the Office of the Registrar, the Registrar shall advise the student of the correct official to whom the request should be addressed.
2. The right to request the amendment of the student's education records that the student believes are inaccurate or misleading, or in violation of their right to privacy. Students may ask the College to amend a record that they believe is inaccurate or misleading, or in violation of their privacy rights. They should write the College official responsible for the record, clearly identify the part of the record they want changed, and specify why it is inaccurate or misleading, or otherwise in violation of their right to privacy. If the College decides not to amend the record as requested by the student, the College will notify the student of the decision and advise the student of his or her right to a hearing regarding the request for amendment. Additional information regarding the hearing procedures will be provided to the student when notified of the right to a hearing.

Note: FERPA was not intended to provide a process to be used to question substantive judgments which are correctly recorded. The rights of challenge are not intended to allow students to contest, for example, a grade in a course because they felt a higher grade should have been assigned.

3. The right to consent to disclosures of personally identifiable information contained in the student's education records, except to the extent that FERPA authorizes disclosure without consent. One exception which permits disclosure without consent is disclosure to school officials with legitimate educational interests. A school official is a person employed by the University in an administrative, supervisory, academic or research, or support staff position (including law enforcement unit personnel and health staff); a person or company with whom the University has contracted (such as an attorney, auditor, collection agent, or official of the National Student Loan Clearinghouse); a person serving on the Board of Trustees; or a student serving on an official committee, such as a disciplinary or grievance committee, or assisting another school official in performing his or her tasks. A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill his or her professional responsibility. The University may disclose education records in certain other circumstances:
 - comply with a judicial order or a lawfully issued subpoena;
 - to appropriate parties in a health or safety emergency;
 - to officials of another school, upon request, in which a student seeks or intends

- to enroll; in connection with a student's request for or receipt of financial aid, as necessary to
 - determine the eligibility, amount, or conditions of the financial aid, or
 - to enforce the terms and conditions of the aid;
 - to certain officials of the U.S. Department of Education, the Comptroller General,
 - to state and local educational authorities, in connection with certain state or federally supported education programs;
 - to accrediting organizations to carry out their functions;
 - to organizations conducting certain studies for or on behalf of the University;
 - the results of an institutional disciplinary proceeding against the alleged of a crime of violence may be released to the alleged victim of that crime with respect to that crime.
4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the University to comply with the requirements of FERPA. The name and address of the Office that administers FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW., Washington, DC, 20202-4605
 5. The University designates the following as public or "Directory Information": The student's name, USPS mailing addresses, major field of study, degree sought, expected date of completion of degree requirements and graduation, degrees and awards received, dates of attendance, full or part time enrollment status, classification, the previous educational agency or institution attended, and participation in officially recognized activities and other similar information.
 6. Students may restrict the release of "Directory Information", except to school officials with legitimate educational interests and others as indicated in point #3 above. To do so, a student must make the request in writing to the Office of the Registrar, Middle Georgia State University, 100 University Parkway, Macon, GA 31206-5144. A form is available in the Registrar's Office for that purpose. Once filed, this request becomes a permanent part of the student's record until the student instructs the University, in writing, to have the request removed.

For purposes of compliance with FERPA, the University considers all students independent. For more information about FERPA, visit the Registrar's Office webpage, Understanding of Your Privacy Rights:
FERPA: <http://mga.edu/registrar/FERPA.aspx>.

Student Finances

Middle Georgia State University (MGA) is a unit of the University System of Georgia and receives a major portion of its operating funding through appropriations from the State of Georgia. This support enables the University to offer high quality educational programs at a minimal cost to its students.

Middle Georgia State University's academic year consists of fall and spring semesters, as well as a series of summer sessions.

The University's tuition is set by the University System of Georgia Board of Regents each spring and is effective the following fall term. Mandatory Fees and Other Fees are proposed annually by the University, supported by a committee, which includes students, and ultimately approved by the Board of Regents. However, the University and the University System reserve the right to change fees at the beginning of any term.

Payment of Tuition and Fees

Payment deadlines are listed on the University's website under the Bursar's Office page. Registration is not complete until all tuition and fees have been paid. All tuition and fees and other charges are subject to change at the end of any semester. See the Bursar's Office page on the University's website for current tuition and fee amounts.

Tuition and fees payments may be made at the following physical locations but only with *cash, check or money order*. (This applies to all payments submitted in person or via postal services. Payments via telephone are not accepted):

- **Macon Campus** - Bursar's Office located on the second floor of the Student Life Center
- **Cochran Campus** - Bursar's Office located on the second floor of Grace Hall
- **Dublin Campus** - Reception desk located in the main building
- **Eastman Campus** - Reception desk located in the main building
- **Warner Robins Campus** - Administrative Office located in the Academic Services Building
- **Robins Resident Center** - Reception desk located in the main building

Payment may also be made **online**:

- Students may pay online by logging into their SWORDS account on the Middle Georgia State University website.
- Online payment options available for tuition and fees are:
 - **Credit/Debit Cards** - a 2.90% convenience fee will now be added for using a credit or debit card. For example, a \$1,000 payment to Middle Georgia State via credit card would result in a \$1,029 charge to your credit card. MasterCard, Discover, American Express or Visa can be used.
 - **E-check (electronic check)** - no convenience fee will be added when paying by e-check, but you will need your bank routing number and your account number.

Important Note: Payments for miscellaneous fines or fees (library fines, parking fines, graduation applications, etc.) can still be made at our Macon, Cochran, Dublin, Eastman and Warner Robins campus payment locations with a credit card (MasterCard, Discover, American Express *or* Visa will be accepted and no convenience fee will be added), as well as with cash, check or money order. Cash, check or money order *only* will be accepted at the Robins Resident Center.

A student attending classes who has not completed registration with the Bursar's Office through payment of fees will be held liable for the fees due plus any service fees assessed, applicable collection costs, court costs, and legal fees associated with collection efforts. A "hold" will be placed on the record of any student who has a financial obligation to the University and will remain on the student's record until the obligation is settled. This "hold" prevents a student from registering for additional classes, from graduating, and from obtaining grades and transcripts.

Persons who have checks returned by a bank for any reason must promptly settle that obligation with the University, along with a \$30 returned item fee that is assessed. Failure to do so will be considered nonpayment of fees. The University reserves the right to void a student's registration for nonpayment of fees at any time during the academic term. The University also reserves the right to place students on "cash only" status for writing checks that are not honored by a bank.

It is the responsibility of all Middle Georgia State University students to be informed of, and to observe all regulations and procedures regarding the payment of fees and the entitlement of refunds. In no case will a regulation be waived or an exception granted because a student pleads ignorance of the regulation or asserts that he/she was not informed of the

regulation by an advisor or other authority. Verbal misinformation is not grounds for waiver of a regulation. All questions concerning fees and refunds should be directed to the Bursar's Office.

Tuition Rates

- **Current Rate** This rate applies to all currently enrolled students at Middle Georgia State University.
- **Online Learning** These tuition rates consist of an eCore rate, eCampus rate, and an eTuition rate.

These rates apply to tuition only and are subject to increase each year. New rates are automatically calculated on students' schedule bills. Any questions may be directed to one of the University's Call Center representatives by calling (877) 238-8664. More tuition information can also be found at <http://www.mga.edu> under the Bursar's Office page.

Fee Schedule

All charges are based on approved fees and are subject to change according to the policy of the Board of Regents. For fee schedules, click [here](#).

All new students will be charged a \$25 orientation fee.

Middle Georgia State University assesses mandatory fees each semester to students who are registered for one or more credit hours. MGA's mandatory fees include the following fees: activity fee, athletic fee, health fee, parking fee, recreation and wellness fee, special institution fee and technology fee.

The activity fee is assessed per credit hour and is capped at 15 hours. Prorated amounts for the athletic fees are assessed for enrollment below 5 credit hours – the full athletic fee is assessed for 5 to 15 hours. The recreation and wellness fee is assessed by campus (Macon and Warner Robins only).

All fees are tentative and subject to change according to Board of Regents policy.

Other Fees and Charges

All charges are based on approved fees and are subject to change according to the policy of the Board of Regents. Figures shown here are approximations provided for readers' planning purposes. For current fees, click [here](#).

General Fees and Academic Program Fees		
Application Fee	\$30.00	
Application Fee-housing	\$155.00	
Resident Hall Lock-outs	\$25.00	
Lost Key Fee	\$50.00	
Early Check In Fee-housing	\$20.00	per day
Late Check Out Fee-housing	\$20.00	per day
Reassignment Fee-housing	\$100.00	
Orientation Fee	\$25.00	
Graduation Fee	\$35.00	
Replacement ID Fee	\$10.00	
Transcripts Fee	\$5.00	
Aviation		
Flight Fees		
Archer	\$150.00	per hour
Arrow	\$158.00	per hour
Citabria	\$121.00	per hour
Robinson	\$375.00	per hour
Schweizer	\$242.00	per hour
Seminole (Steam)	\$260.00	per hour
Seminole (Hybrid)	\$273.00	per hour
Warrior (Steam)	\$138.00	per hour
Warrior (Hybrid)	\$145.00	per hour
Frasca Simulator	\$70.00	per hour
Class Fees		

Drug Test Fee	\$20.00	
Flight Instructor Fee	\$20.00	
CRJ Simulator	\$250.00	
Aviation FAA Tests		
Private Pilot Knowledge Test	\$165.00	
Instrument Pilot Knowledge Test	\$165.00	
Commercial Pilot Knowledge Test	\$165.00	
Fundamentals of Instruction Knowledge Test	\$165.00	
Flight Instructor Knowledge Test	\$165.00	
Air Traffic Control		
Air Traffic Control Tower Operations	\$995.00	per course
Air Traffic Radar Operations	\$995.00	per course
Note: Fees associated with specific MGA flight courses and FAA ratings can be found in the School of Aviation Department of Flight portion of the catalog.		
Education Program		
Junior Year Field Course	\$75.00 (per field course)	Early Childhood, Middle Grades
Senior Clinical I	\$150.00	Early Childhood, Middle Grades
Senior Clinical II	\$150.00	Early Childhood, Middle Grades
Internship	\$75.00	Secondary Education tracks
Nursing		
Liability Insurance	\$16.00	
Nursing Entrance Exam	\$55.00	
Nursing Reservation Fee	\$100.00	This fee is applied back to the overall fees if the student is accepted and enters the program
Public Service		
Liability Insurance	\$16.00	
Respiratory Therapy		
Liability Insurance	\$16.00	
Respiratory Therapy SAE Exam	\$120.00	
RT Testing	\$240.00	
Specific Courses		
Aviation Maintenance Lab Fee	\$25.00	
Flight Lab Fee	\$50.00	For flying courses only
Occupational Therapy Lab Fee	\$25.00	
Science & Engineering Lab Fee	\$25.00	
College On the Move Living History Tour	\$1,150.00	
Applied Music Fee	\$225.00 per hour lesson	
Georgia Geology Field Class Fee	\$200.00	
Drawing I Class Fee	\$35.00	
Drawing II Class Fee	\$35.00	
Sculpture Class Fee	\$35.00	
Graphic Design Class Fee	\$35.00	
Painting I Class Fee	\$35.00	
Printmaking I Class Fee	\$35.00	
Photography Class Fee	\$35.00	
2D Design	\$35.00	
3D Design Fee	\$35.00	
Student Accident Insurance Plan Rates - Eastman		
	2016-2017 Policy Year Rates	
Fall Term	\$21.00	
Spring Term	\$18.00	
Summer Term	\$12.00	

Student Health Insurance Plan Rates		
	2016-2017 Policy Year Rates	
UHCSR SHIP Plan		
Fall Term	\$870.00	
Spring/Summer Term	\$1,206.00	
Summer Only	\$523.00	

Additional Costs of Attendance

Students may incur additional costs of attendance while attending Middle Georgia State University. These costs include, but are not limited to, the following:

- **Textbooks and Supplies**
Textbooks and school supplies are available in the Middle Georgia State University Bookstores on the Macon, Cochran, Dublin, Eastman and Warner Robins campuses. The costs of books and supplies will vary with the courses selected by the student. A fair estimate is from \$200-\$500 each semester.
- **Nursing Uniforms and Instruments**
Nursing students are required to purchase uniforms and instruments at a cost of approximately \$300 per year.

Refund Policy (Non-Financial Aid)

A full refund will be given to students who officially withdraw prior to the first day of the semester. The refund amount for students completely withdrawing from the University after the first day of the semester will be based on a pro rata percentage determined by dividing the total number of calendar days in the semester the student has completed by the total number of calendar days in the semester. The total number of calendar days in the semester will include weekends. Scheduled breaks of five or more days and days that a student was on an approved leave of absence are excluded. No refunds will be issued once a student has completed 60% or more of a semester. However, a refund of all nonresident fees, matriculation fees, and other mandatory fees will be made in the event of the death of a student at any time during the academic session.

NO refunds will be made for the following:

- Withdrawal after 60% of the semester is completed
- Failure to withdraw officially
- Suspension or forced withdrawal for disciplinary reasons
- Reduction in hours after the "drop/add" period ends
- Late registration fee payments
- Applied music fee payments

The "stop payment" of a check does not constitute an official withdrawal from Middle Georgia State University. The student will be held liable for all charges unless the date of official withdrawal from the University is within the refund period, in which case the student will be liable for the portion of their tuition and fees that are not refundable, plus the returned check fee and any applicable collection costs, including court and legal fees associated with collection.

Delivery of Refunds

Middle Georgia State University delivers refunds of tuition, fees, scholarships and financial aid remaining balances to BankMobile (formerly HigherOne). Students may elect to have BankMobile send their refund to a bank account of their choice or have BankMobile issue them a Vibe card - a MasterCard debit card that can be used anywhere MasterCard debit cards are accepted. More information about the BankMobile Vibe card can be found on the University's website under the Bursar's Office page.

At the start of the semester or part-of-term session, disbursement of financial aid funds to student accounts will occur after the drop/add period has ended and no-show reporting has been finalized. Per federal regulations, refunds of remaining credit balances are released no later than 14 calendar days after posting of financial aid disbursements to student accounts. Following this period, refunds are processed weekly.

Classification for Tuition Purposes

Description of Terms Used in the Policy

Dependent Student – an individual under the age of 24 who receives financial support from a parent or United States court appointed legal guardian.

Emancipated – a minor who, under certain circumstances, may be treated by the law as an adult. A student reaching the age of 18 shall not qualify for consideration of reclassification by virtue of having become emancipated unless he or she can demonstrate financial independence and domicile independent of his or her parents.

Independent Student – an individual who is not claimed as a dependent on the federal or state income tax returns of a parent or United States court appointed legal guardian and whose parent or guardian has ceased to provide support and rights to that individuals' care, custody, and earnings.

For additional terms and definitions, view the [Glossary of Terms for Classification of Students for Tuition Purposes](#) provided through the University System of Georgia website.

United States Citizens

A. Independent Students

1. An independent student who has established and maintained a domicile in the State of Georgia for a period of at least 12 consecutive months immediately preceding the first day of classes for the term shall be classified as in-state for tuition purposes. No student shall gain or acquire in-state classification while attending any postsecondary educational institution in this state without clear evidence of having established domicile in Georgia for purposes other than attending a postsecondary educational institution in this state.

2. If an independent student classified as in-state for tuition purposes relocates out of state temporarily but returns to the State of Georgia within 12 months of the relocation, such student shall be entitled to retain his or her in-state tuition classification.

B. Dependent Students

1. A dependent student shall be classified as in-state for tuition purposes if such dependent student's parent has established and maintained domicile in the State of Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term and (a) the student has graduated from a Georgia high school; or (b) the parent claimed the student as a dependent on the parent's most recent federal or state income tax return.

2. A dependent student shall be classified as in-state for tuition purposes if such student's United States court appointed legal guardian has established and maintained domicile in the State of Georgia for at least 12 consecutive months immediately preceding the first day of classes for the term, provided that such appointment was not made to avoid payment of out-of-state tuition and the U.S. court appointed legal guardian can provide clear evidence of having established and maintained domicile in the State of Georgia for a period of at least 12 consecutive months immediately preceding the first day of classes for the term.

3. If the parent or United States court appointed legal guardian of a dependent student currently classified as in-state for tuition purposes establishes domicile outside of the State of Georgia after having established and maintained domicile in the State of Georgia, such student may retain his or her in-state tuition classification so long as such student remains continuously enrolled in a public postsecondary educational institution in this state, regardless of the domicile of such student's parent or United States court appointed legal guardian.

Noncitizen Students

A noncitizen student shall not be classified as in-state for tuition purposes unless the student is legally in this state and there is evidence to warrant consideration of in-state classification as determined by the Board of Regents. Lawful permanent residents, refugees, asylums, or other eligible noncitizens as defined by federal Title IV regulations may be extended the same consideration as citizens of the United States in determining whether they qualify for in-state classification.

International students who reside in the United States under non-immigrant status conditioned at least in part upon intent not to abandon a foreign domicile shall not be eligible for in-state classification.

Middle Georgia State University Out-of-State Tuition Waivers

(This revised policy was adopted 9/9/14, to be effective Fall 2015; expanded eligibility for military waivers effective no later than July 1, 2015: BoR Minutes, Sept. 9, 2014)

An institution may award out-of-state tuition differential waivers and assess in-state tuition for certain non-Georgia residents under the conditions listed below. Notwithstanding any provision in this policy, no person who is unable to show by the required evidence that they are lawfully in the United States shall be eligible for any waiver of tuition differential (BoR Minutes, June 2010; October 2013). Institutions shall comply with the procedures governing the award of out-of-state tuition waivers as established by the Executive Vice Chancellor for Academic Affairs/Chief Academic Officer. Note: For the definition of residency status, see [Section 4.3 of this Policy Manual](#).

Presidential Waivers

Out-of-state students selected by the institution president or an authorized representative, provided that the number of such waivers in effect does not exceed four percent (4%) for the University of Georgia, Georgia Institute of Technology, Georgia State

University, and Georgia Regents University, and two percent (2%) for all other institutions of the equivalent full-time students enrolled at the institution in the fall term immediately preceding the term for which the out-of-state tuition is to be waived. Institutions awarding presidential waivers in the spring term semester may use either the fall term one year prior or the fall term immediately prior when calculating the number of allowable waivers. The proportionate percentage of out-of-state tuition waived shall be used when determining the number of waivers in effect such that a full waiver of out-of-state tuition counts as one waiver, while a 50% waiver of out-of-state tuition counts as a 0.5 waiver (BoR Minutes, April 2012; October 2013). Institution presidents may award Presidential Waivers at their discretion to students within the following categories:

1. **Academic:** Students who have demonstrated the potential to excel within a particular program of study offered by the institution as evidenced by scoring within the top half of students matriculating at the institution or the top half of students matriculating within the particular program of study to which the student has applied. Institutions shall determine the top half using the academic criteria (e.g., Freshman Index, standardized test scores, GPA, artistic ability) applicable either for general admission to the institution or for the particular program of study to which the student has applied.
2. **Athletic:** Students selected to participate in the institution's intercollegiate athletics program and who have demonstrated the potential to succeed within a particular program of study offered by the institution. The percentage of waivers offered within the Athletic category shall not exceed one-third (1/3) of the total number of Presidential Waivers which the institution is eligible to offer, i.e., 4% or 2%.
3. **International:** Non-citizen students who are not otherwise ineligible for a tuition differential waiver under this policy and who have demonstrated the potential to succeed within a particular program of study offered by the institution.

Institution presidents shall define institution-specific criteria and procedures for the awarding of and maintaining eligibility for Presidential Waivers and shall submit the institution-specific criteria and procedures for approval to the Chief Academic Officer no later than June 30 prior to the semester in which those criteria and procedures shall take effect. Extraordinary circumstances may arise justifying award of a Presidential Waiver under criteria not specified in this Policy but consistent with the Policy intent and in support of the institution's mission. Presidents may offer an Academic Presidential Waiver in these circumstances but must first seek approval, on a one-time or standing basis, from the Chief Academic Officer. A student may be eligible under one or more Presidential Waiver categories but shall only be granted a waiver under one specific category and will only be counted within the category assigned by the institution. Institutions shall maintain evidence of said approval. Institutions shall maintain adequate documentation of waiver awards to validate that waiver recipients met the institutional criteria and complied with Board of Regents Policy.

Students receiving a Presidential Waiver must achieve a specified level of academic performance to maintain eligibility for the Presidential Waiver. Students receiving an academic or international Presidential Waiver must maintain a 2.5 GPA calculated on a cumulative basis at the conclusion of each academic year as specified in the respective institution's approved procedures and using the same GPA method used to calculate Satisfactory Academic Progress (SAP). Students receiving an athletic Presidential Waiver must maintain SAP.

Failure to maintain the specified level of academic performance at the conclusion of the respective academic year shall result in the student being placed in a two-semester probationary period for waiver purposes. The student shall be eligible to maintain a waiver during this probationary period but shall be ineligible for the waiver if the student is not able to achieve the specified level of academic performance for the student's specific Presidential Waiver sub-category. The student is eligible to re-gain the waiver, subject to the institution's discretion and consistent with this Policy, should the student achieve the specified level of academic performance for the student's specific Presidential Waiver sub-category.

Economic Advantage Waiver

1. Students who are certified by the Commissioner of the Georgia Department of Economic Development as being part of a competitive economic development project.
2. As of the first day of classes for the term, an Economic Advantage Waiver may be granted under the following conditions:

- **U.S. Citizens, Permanent Residents, and Other Eligible Non-Citizens**

A. Dependent Students

Dependent students providing clear and convincing evidence that the student's parent or U.S. court-appointed legal guardian relocated to the state of Georgia to accept full-time, self-sustaining employment. The relocation must be for reasons other than enrolling in an institution of higher education and appropriate steps to establish domicile in the state must be taken. The employment upon which the relocation was based must be held at the time the waiver is awarded.

B. Independent Students

Independent students providing clear and convincing evidence that they, or their spouse, relocated to the state of Georgia to accept full-time, self-sustaining employment. The relocation to the state must be for reasons other than enrolling in an institution of higher education and appropriate steps to establish domicile in the state must be taken. The employment upon which the relocation was based must be held at the time the waiver is awarded.

C. U.S. refugees, asylees, and other eligible noncitizens as defined by the federal Title IV regulations may be extended the same consideration for the economic advantage waiver as citizens and lawful permanent residents of the United States.

Waiver eligibility for the above qualifying students expires twelve (12) months from the date the waiver is awarded.

• **Non-Citizens**

A. Dependent Students

Non-citizen dependent students providing clear and convincing evidence that the student's parent or U.S. court-appointed legal guardian relocated to the state of Georgia to accept full-time, self-sustaining employment and entered the state in a valid, employment-authorized status. The relocation must be for reasons other than enrolling in an institution of higher education and appropriate steps to establish domicile in the state must be taken. The employment upon which the relocation was based must be held at the time the waiver is awarded. Additionally, the non-citizen dependent student must provide clear evidence that the parent, or U.S. court-appointed legal guardian, is taking legally permissible steps to obtain lawful permanent resident status in the United States.

B. Independent Students

Non-citizen independent students must provide clear and convincing evidence that they, or their spouse, relocated to the state of Georgia to accept full-time, self-sustaining employment and entered the state in a valid, employment authorized status. The relocation must be for reasons other than enrolling in an institution of higher education and appropriate steps to establish domicile in the state must be taken. The employment upon which the relocation was based must be held at the time the waiver is awarded. Additionally, non-citizen independent students must provide clear evidence that they, or their spouse, are taking legally permissible steps to obtain lawful permanent resident status in the United States.

Waiver eligibility for the above qualifying students may continue provided full-time, self-sustaining employment in Georgia and the employment-authorized status are maintained. Furthermore, there must be continued evidence of Georgia domicile and efforts to pursue an adjustment to United States lawful permanent resident status.

3. Students who are employees of Georgia-based corporations or organizations that have contracted with the Board of Regents through USG institutions to provide out-of-state tuition differential waivers.
4. Students enrolled in a USG institution based on a referral by the Vocational Rehabilitation Program of the Georgia Department of Labor (BoR Minutes, October 2008).
5. Career consular officers, their spouses, and their dependent children who are citizens of the foreign nation that their consular office represents and who are stationed and living in Georgia under orders of their respective governments.

• **Employee**

1. Full-time USG employees, their spouses, and their dependent children.
2. Full-time employees in the public schools of Georgia or the Technical College System of Georgia (BoR Minutes, October 2008), their spouses, and their dependent children.
3. Teachers employed full-time on military bases in Georgia also shall qualify for this waiver (BoR Minutes, 1988-89, p. 43).

• **Military**

1. Active duty military personnel, their spouses, and their dependent children who meet one of the following:
 - The military sponsor is currently stationed in or assigned to Georgia; or,
 - The military sponsor previously stationed in or assigned to Georgia is reassigned outside of Georgia, and the student(s) remain(s) continuously enrolled in a Georgia high school, Technical College System of Georgia institution, and/or a University System of Georgia institution; or,
 - The military sponsor is reassigned outside of Georgia and the spouse and/or dependent children remain in Georgia; or,

- The military sponsor is stationed in a state contiguous to the Georgia border and reside in Georgia; or,
 - Dependent children of a military sponsor, previously stationed in or assigned to Georgia within the previous five years, and/or the child completed at least one year of high school in Georgia; or,
 - Any student utilizing VA educational benefits transferred from a currently serving military member is also eligible.
2. Active members of the Georgia National Guard stationed or assigned to Georgia or active members of a unit of the U.S. Military Reserves based in Georgia, and their spouses and their dependent children (BoR Minutes, October 2008).
 3. Separated military members from a uniformed military service of the United States who meet one of the following:
 - Individuals who within thirty-six (36) months of separation from such service, enroll in an academic program and demonstrate intent to become domiciled in Georgia. This waiver may also be granted to their spouses and dependent children. (BoR Minutes, June 2004; October 2008; October 2013).
 - Any separated service member or any student utilizing transferred VA educational benefits, and physically residing in the state, who enrolls within one hundred-twenty (120) months of separation is also eligible.

● **Reciprocal**

1. Students selected to participate in programs offered through the Academic Common Market.
2. Any student who enrolls in a USG institution as a participant in an international or domestic direct exchange program that provides reciprocal benefits to USG students (BoR Minutes, October 2008)
3. Any student who enrolls in a USG study-abroad program to include programs outside the State of Georgia but within the United States and study abroad programs outside the United States. Tuition and fees charged study abroad students shall be consistent with the procedures established in the USG Business Procedures Manual and as determined by the institution president.

Non-Resident Students

As of the first day of classes for the term, a non-resident student can be considered for this waiver under the following conditions:

1. **Students under 24.**
 - If the parent, or United States court-appointed, legal guardian has maintained domicile in Georgia for at least twelve (12) consecutive months and the student can provide clear and legal evidence showing the relationship to the parent or United States court-appointed, legal guardian has existed for at least twelve (12) consecutive months immediately preceding the first day of classes for the term. Under Georgia code, legal guardianship must be established prior to the student's 18th birthday (BoR Minutes, October 2008, title amended February 2010); or
 - If the student can provide clear and legal evidence showing a familial relationship to the spouse and the spouse has maintained domicile in Georgia for at least twelve (12) consecutive months immediately preceding the first day of classes for the term (BoR Minutes, February 2010).
2. **Students 24 and Older.**
 - If the student can provide clear and legal evidence showing a familial relationship to the spouse and the spouse has maintained domicile in Georgia for at least twelve (12) consecutive months immediately preceding the first day of classes for the term. This waiver can remain in effect as long as the student remains continuously enrolled (BoR Minutes, October 2008, title amended February 2010).

This waiver can remain in effect as long as the student remains continuously enrolled (BoR Minutes, October 2008).

If the parent, spouse, or United States court-appointed, legal guardian of a continuously enrolled non-resident student establishes domicile in another state after having maintained domicile in the State of Georgia for the required period, the non-resident student may continue to receive this waiver as long as the student remains continuously enrolled in a public post-secondary educational institution in the state, regardless of the domicile of the parent, spouse or United States court-appointed, legal guardian (BoR Minutes, June 2006, amended October 2008).

Out-of-State Student Classification Change

Students are responsible for registering under the proper classification for tuition purposes. If they believe the initial determination of their classification as an out-of-state student is in error or if they have established legal residence in the state since the semester of their first enrollment, they may apply for classification as an in-state student. The residency petition may be obtained in the Office of the Registrar or the Office of Admissions. The petition must be filed no later than 30 days before the first day of class for the semester for the semester begins in order for the reclassification to take place. This affidavit, when completed, should include documentation such as a statement of voter registration, a copy of the most recent income tax withholding statement, a certified copy of the most recent Georgia Income Tax Return, and copies of any other documents which might substantiate the claim that they have been legal residents of Georgia for twelve months or more prior to the date of registration. These documents might include their selective service registration, a hunting or fishing license, an insurance policy,

Last Will and Testament, indication of a Georgia checking or savings account and/or safety deposit box, and certification of membership in professional, business, civic, or other organization in Georgia.

The Registrar will review petitions for classification as an in-state student and will notify students of action taken. If the petition is granted, reclassification **will not** be retroactive to prior semesters.

Appeal of Classification as an Out-of-State Student

Students who wish to appeal a residency decision may request a review of the petition by the University within twenty days. This request must be in the form of a written statement listing in detail the grounds on which they challenge their classification and must include any documentation not already submitted. Any residency decision may be appealed in writing to the Vice President for Enrollment Management.

Scholarships at Middle Georgia State University

Each year, the foundation awards approximately 300 individual awards from more than 100 scholarships to students who have been accepted to Middle Georgia State University or who currently are enrolled. The scholarships, which are available through Middle Georgia State University and the Middle Georgia State University Foundation, are awarded on a competitive basis.

Generally, recipients are selected on the basis of academic achievement and financial need.

Scholarship applications are completed online using the University's STARS online application portal, usually during the spring semester. More information on scholarships is available at <http://www.mga.edu/foundation/scholarships.aspx> or in the Office of Development at (478) 471-2732.

Financial Aid

Office of Student Financial Aid

The Office of Student Financial Aid is especially concerned with students who need financial assistance to attend Middle Georgia State University (MGA). The primary responsibility for financing university education rests with students and their families. Financial aid is available to supplement family contributions and is provided through a combination of sources including scholarships, grants, loans, and part-time employment. Either the Free Application for Federal Student Aid (FAFSA) or the renewal FAFSA must be used to help determine eligibility for Pell Grant, student loans and other Federal and State programs. Family income, assets, number of family members, number in college, and other factors determine eligibility. The MGA Office of Student Financial Aid will attempt to assist students with the difference between the total expected family contribution and the cost of attending college. Any student admitted to or attending MGA is encouraged to apply for financial aid.

Student financial aid is most frequently awarded to eligible students on the basis of need or merit. Merit is determined by the entity that is providing the money to be awarded (for example, the state of Georgia, Office of Financial, or private donors). Need based aid is determined by the federal government analysis of the data provided by the student's family or, if independent, by the student on the completed FAFSA. This analysis is transmitted to the Office of Student Financial Aid where it is compared with the cost of attendance (COA). The formula applied is: cost of attendance minus expected family contribution (EFC) equals need (COA - EFC = Need). If the family contribution is less than the cost of attendance, financial need has been established.

In general, students who apply by the priority deadline will have their aid processed by that semester's beginning. Due to the fact that certain funds are limited, the Office of Student Financial Aid will award its yearly allocation of those funds to as many students as possible who meet the priority deadline and demonstrate the greatest need. Therefore, students are encouraged to apply as early in the year as possible.

The Office of Student Financial Aid is interested in helping students find ways to finance their education. However, federal and state law heavily regulates the financial aid application and awards process, and as a result the process takes time. At least thirty-percent of MGA students are selected for a process called verification. MGA's Office of Student Financial Aid does not know who will be selected at the time students apply for aid. **When completing the FAFSA students and parents are encouraged to utilize the Internal Revenue Service (IRS) data retrieval process. This will significantly reduce the chances of being selected for verification.** All students should be prepared to supply legible copies of their federal tax transcripts and W2's from the previous year, a completed verification worksheet, and any additional financial documents requested by the Office of Student Financial Aid. Students who are not considered independent by the federal government would also need to submit financial document for their parents, i.e., legible copies of their parents' federal tax transcripts and W2's from the previous year. The Office of Student Financial Aid may also require a number of other documents before aid can be awarded.

Please respond quickly and accurately to any and all requests for documentation from the Office of Student Financial Aid. Requests will be made via the students' MGA email account. This is the Office of Student Financial Aid's primary form of communication with students. Students are responsible for obtaining and maintaining their MGA email account. Students are encouraged to check their MGA email on a regular basis.

Only by meeting the priority deadlines can students expect to have funds available at the beginning of the semester. Students who do not meet the deadlines should be prepared to pay their own fees for the semester. Please keep in mind that although we are here to help you, we are not responsible for delays caused by inaccurate or incomplete applications and files.

Contacting us

The Office of Student Financial Aid has staff available to assist students on each of our campuses. Students may contact them at:

Macon Campus Student Life Center - 2nd Floor 100 University Parkway Macon, GA 31206 Phone: (877) 238-8664 Fax: (478) 471-2790	Cochran Campus 1100 Second Street, SE Cochran, GA 31014 Phone (877) 238-8664 Fax: (478) 934-3019	Warner Robins Campus Academic Services 100 University Blvd. Warner Robins, GA 31093 Phone (478) 929-6671 Fax (478) 929-6726
Eastman Campus 71 Airport Road Eastman, GA 31203	Dublin Campus 1900 Bellevue Road Dublin, GA 31021	

Phone (877) 238-8664 Fax (478) 934-3448	Phone (877) 238-8664 Fax (478) 934-3448	
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Students may email our office at fainfo@mga.edu. This is our departmental email and is applicable to all campuses.

Financial Aid Priority Deadlines

Students applying for financial aid should adhere to these deadline dates to allow for appropriate processing and review time to ensure that their financial aid is available for use prior to the start of a semester. **The following deadlines are ‘priority’ deadlines. Students meeting these deadlines should have ample notice of their awards prior to the start of the semester. All other applicants will be processed in date order.** The Office of Student Financial Aid will still process the student’s award package even if the deadline is missed; however, we make no guarantee that the funds will be available for payment if students apply late. If students miss the deadline and must pay upfront, they generally can be reimbursed for any aid for which they are deemed eligible.

March 15	Fall semester priority deadline for submitting the completed and signed FAFSA or Renewal FAFSA to the federal processor.
April 20	Fall semester deadline for submitting all supporting documentation requested by the Office of Student Financial Aid.
September 1	Spring semester priority deadline for submitting the completed and signed FAFSA or Renewal FAFSA to the federal processor.
October 1	Spring semester deadline for submitting all supporting documentation requested by the Office of Student Financial Aid.
March 1	Summer semester priority deadline for submitting the completed and signed FAFSA or Renewal FAFSA to the federal processor.
April 5	Summer semester deadline for submitting all supporting documentation requested by the Office of Student Financial Aid.

*Students who miss these deadlines must be prepared to pay their own fees. Students must apply for financial aid each academic year. Awards are made only for the current year.

Financial Aid Program Descriptions

Federal Grants

Federal Pell Grant: This grant is available to undergraduate U. S. citizens and eligible non-citizens who demonstrate financial need as determined by the results of the FAFSA applications. The amount of a Federal Pell Grant depends on the student’s cost of attendance, expected family contribution, enrollment status (full or part-time), and whether the student will attend for a full academic year or less.

Federal Supplemental Educational Opportunity Grant (SEOG): This grant is awarded to undergraduate students with exceptional financial need. Priority is given to Federal Pell Grant recipients. Since there are limited funds available, students should make sure to complete the FAFSA as early as possible each year.

Federal Loans (current interest rates may be found at www.studentloans.gov)

Federal Direct (Subsidized) Student Loans: Long-term, deferred-payment student loans are available to qualified students through agreements with banks, credit unions, savings and loan associations, and other lenders. Interest on these loans is paid by the federal government during the period in which the recipients are enrolled at least half-time and during any grace period or deferment. After this period, students begin repayment of the loan.

Federal Direct (Unsubsidized) Student Loans: The unsubsidized Federal Direct Loan Program was created for students who do not qualify, in whole or in part, for subsidized Federal Stafford Loans. The terms of unsubsidized loans are the same as the terms of the subsidized Federal Direct Loans, except as described below:

Interest Payment: The federal government does not pay the interest on student’s behalf. Students must pay all interest that accrues on unsubsidized loans during the time of enrollment in school, during the grace period, and during any periods of deferment or repayment. There are two ways students may pay the required interest:

- Make monthly or quarterly payments to the lender,

OR

- Reach an agreement with the lender to add interest to the principal of the loan, but no more frequently than quarterly; this is called capitalization. If students do not make interest payments as scheduled while in school, in grace period, or during a period of authorized deferment, the lender may automatically capitalize the interest every three months. During other periods, students must pay this interest to the lender, unless the lender agrees to grant forbearance, as explained in the promissory note.

Federal Direct Parent Loans for Undergraduate Students (PLUS): The federal government sponsors PLUS loans for families needing additional loan assistance. If a parent borrows on behalf of a dependent undergraduate student, the student must also meet general eligibility requirements. The maximum PLUS loan amount that a parent can borrow is the student's cost of attendance minus any other financial aid the student receives.

Federal Work Study

This program is designed to provide students with an opportunity to pay part of their educational expenses by working at a part-time job. To be employed under this program, students must enroll for at least a half-time course load, show evidence of financial need each semester, and maintain good academic standing while employed under this program. Preference will be given to students with exceptional financial need.

Under the Federal Work Study Program students are given the opportunity to work approximately 16 hours per week depending on the award. These funds must be earned. Students must arrange their employment schedule with their assigned supervisors.

Student Assistant Program

This program, sponsored entirely by Middle Georgia State University, employs students on a part-time basis on campus. Financial need is not a determinant. Students must be enrolled for at least six hours to be employed as a student assistant. Under the Student Assistance programs, students are given the opportunity to work approximately 15 to 19 hours per week depending on the award. These funds must be earned. Students must arrange their employment schedule with their assigned supervisors.

State Aid Programs

Students wishing to apply for the Georgia's Zell Miller or HOPE Scholarship/Grant programs only will need to complete the GSFAPPS form at www.GAfutures.org and the applicable Middle Georgia State University HOPE Scholarship or HOPE Grant request to be reviewed. For more information about Georgia's Zell Miller or HOPE programs, refer to www.GAfutures.org.

Move on When Ready (MOWR)

Students who are enrolled in eligible high schools may participate in the Move On When Ready Program (MOWR). Beginning with Fall term 2015 (FY 2016) the program is offered during all terms of the school year; fall, spring and summer semester or fall, winter, spring, and summer quarter.

To be eligible for the MOWR program, a student must be enrolled in the ninth, tenth, eleventh or twelfth grade (9th grade begins with Fall term) of a private or public high school in Georgia or a home study program within the State of Georgia operated in accordance with O.C.G.A. §20-2-690(c); be admitted to an eligible, participating USG, TCSG or Private postsecondary institution as a dual credit enrollment student; be enrolled in courses listed in the approved MOWR Course Directory; and maintain satisfactory academic progress as defined by the eligible postsecondary institution. Students attending a home study program must complete the [MOWR paper application](#). Students attending an eligible public or private high school or participating in the GA Academy or the Advanced Academy of Georgia must complete the [MOWR online application](#). For more information, you may visit www.gafutures.org.

Georgia HOPE (Helping Outstanding Pupils Educationally) Scholarship

The HOPE Scholarship program is Georgia's unique scholarship program that awards an undergraduate student's hard work with financial assistance. This program is fully funded by the Georgia Lottery for Education and administered by the Georgia Student Finance Commission (GSFC).

Georgia HOPE Grant

The HOPE Grant Program provides grant assistance to residents of Georgia pursuing Certificates or Diplomas at Georgia's public postsecondary institutions. Unlike the HOPE Scholarship Program, students are not required to graduate from high school with a specific grade point average. However, students are required to have a minimum postsecondary cumulative grade point average of 2.00 at certain Checkpoints. The purpose of the HOPE Grant Program is to encourage Georgians to obtain technical training in order to increase the knowledge and skills of Georgia's workforce.

Georgia HOPE GED

A one-time \$500 HOPE voucher is available for Georgia GED recipients. Recipients must maintain financial aid SAP as defined by Middle Georgia State University. More information is available in the Office of Student Financial Aid.

Zell Miller Scholarship

Qualifications are the same as HOPE Scholarship recipients except students must graduate from high school with a GPA of 3.7 or higher and receive a score of at least 1200 on combined Critical Reading Score and Math Score on the SAT or have received a score of at least 26 on the ACT. A Valedictorian or Salutatorian is automatically eligible. Zell Miller Scholarship recipients

receive full tuition at Middle Georgia State University. Checkpoints and award limits are the same as the HOPE except to remain eligible they must have at least a 3.3 at checkpoints. Students who do not have the required GPA for the Zell Miller but do have the required 3.0 for HOPE may be eligible to receive HOPE instead of Zell Miller.

Zell Miller Grant

The Zell Miller Grant Program provides grant assistance to residents of Georgia pursuing Certificates or Diplomas at Georgia's public eligible postsecondary institutions. The Zell Miller Grant Program does not include a high school academic requirement, however, recipients are required to have a minimum postsecondary cumulative grade point average of 3.5 at the end of each semester. The purpose of the Zell Miller Grant Program is to encourage Georgians to obtain technical education in order to increase the knowledge and skills of Georgia's workforce.

The Student Access Loan Program

Georgia Student Finance Authority offers the Student Access Loan (SAL) Program for eligible students attending an eligible USG (University System of Georgia), Private or TCSG (Technical College System of Georgia) postsecondary institution in Georgia. The SAL is a 1% fixed rate loan, designed to assist undergraduate and technical college students who have a gap in meeting their educational costs. For more information, you may visit www.gafutures.org.

Vocational Rehabilitation

Students who have fees paid by the Georgia Department of Human Resources, Division of Vocational Rehabilitation, must request the Office of the Registrar to send copies of their grades to the Vocational Rehabilitation Office each semester. The University Business Office must be in receipt of written authorization from the Vocational Rehabilitation Office prior to students' registration each semester.

Financial Aid Policies Governing the Administration of Awards

- Applicants must be accepted for admissions to Middle Georgia State University before financial aid funds can be awarded.
- Applicants for financial aid must be enrolled at the University before financial aid funds can be applied to institutional charges.
- Applicants must enroll in coursework pursuant to their degree program. Coursework not required is subject to not be considered in awarding financial aid or determining eligibility.
- Enrollment hours at the University are locked at a designated census date each semester to insure proper reporting of enrollment and accuracy of aid awarded. Students must register for all courses in that semester before the census date to have pro-rated aid adjusted. Coursework added after this date will not be eligible for an adjustment/increase of the student's award.
- Financial aid is awarded on the basis of full-time enrollment. For financial aid purposes, students enrolled in 12 or more semester hours are classified as full-time; students enrolled in 9-11 semester hours are classified as enrolled three-quarter time; students enrolled in 6-8 semester hours are classified as enrolled half-time; students enrolled in 1-5 semester hours are classified as enrolled less than half-time. Awards will be adjusted for less than full-time status.
- Federal Student Loan recipients must enroll and maintain an enrollment of at least six (6) or more semester hours.
- Payment of Awards: Eligible financial aid awards are authorized to the student's Middle Georgia State University account each semester after registering. Students may use these funds to pay institutional charges, i.e. tuition, fees, room, board, and book charges. Student financial aid funds which remain after all MGA obligations have been satisfied are disbursed through Higher One by means chosen by the student. Generally, funds are disbursed three weeks after the end of drop-add and weekly thereafter. The initial refund date will be published each semester.
- Federal Financial Aid regulations require students to begin attendance to be eligible. Therefore, students reported as "no shows" will have their aid adjusted accordingly.
- Ordinarily, financial assistance is awarded for two semesters of the regular academic year. Summer semester will be treated separately from the regular academic year. Students may be required to complete a Summer Application for Aid to advise the Financial Office of their intent to attend.
- Financial Aid awards are made for Fall and Spring semesters. If a student intends to begin in Spring or Summer semesters, they should notify the Office of Student Financial Aid so that their award may be adjusted to complement their enrollment.
- Students in default or overpayment on Federal or State Student aid Programs or Scholarship program will not be considered for any financial aid program at Middle Georgia State University unless the default or overpayment has been satisfied.

- Students enrolled as transient students at Middle Georgia State University from a University of Georgia System School only can receive aid through a consortium agreement. All other students should check with their home institution. Students eligible for HOPE who are transient from another HOPE eligible institution should have their Home school send Middle Georgia State University a HOPE Transient Form.

Refund/Repayment Policy for Financial Aid Recipients

When financial aid recipients withdraw during a semester, the amount of federal assistance that students have earned up to that point is determined by a formula specified by the Department of Education. If students were disbursed less assistance than the amount earned up to the point of withdrawal, they are eligible to receive the additional funds. If students received more assistance than earned, then they and the institution will share in returning excess funds to the appropriate federal agency. A percentage of book charges must also be returned, which will cause debt to Middle Georgia State University. To avoid these charges, students should contact the Bookstore to see if the books can be returned for credit. The Office of Student Financial Aid follows the published institutional refund policy.

The amount of assistance earned is determined on a pro-rata basis. That is, if students completed 30 percent of the period of enrollment, they have earned 30 percent of the assistance originally scheduled. Once students complete more than 60 percent of the enrollment period, all assistance originally scheduled has been earned.

If students received excess funds based on this formula, the University must return a portion of the excess equal to the lesser of:

- The institutional charges multiplied by the unearned percentage of student funds, or
- The entire amount of the excess funds.

If the University is not required to return all of the excess funds, students must return the remaining amount. Any loan funds that students must return must be repaid by the students (or their parents for a PLUS loan) in accordance with the terms of the promissory note.

If students are responsible for returning grant funds, they do not have to return the full amount. Financial Aid policy provides that students may retain 50 percent of the grant amount calculated for return. Any amount students are required to return, however, is considered to be a grant overpayment. Arrangements to repay these funds must be made with the University within 45 days. After this period the University is required to report the overpayment to the Department of Education and the student must then make arrangements with the Department to settle the debt.

Per federal regulations, schools are required to review students who received federal financial aid and failed to earn a passing grade in any of the classes. An assessment must be made to determine whether the students earned the non-passing grades while attending classes or stopped attending classes but did not officially withdraw. Faculty will report the students' last day of attendance in their class and this date will be used to determine if any funds that must be returned to the federal and state aid programs per pro-rata calculations.

Financial Aid Satisfactory Academic Progress (SAP) Policy

It is each individual student's responsibility to read and adhere to the Standards of Academic Progress Policy. The policy is in place because the Higher Education Act of 1965 was amended with Program Integrity regulations passed on October 29, 2010 that mandates institutions of higher education to establish a standard of satisfactory academic progress for a student who receives any financial aid. A student's entire academic history at all schools attended including transferrable hours is reviewed at the time of entry and each semester thereafter whether or not Title IV funded aid was received to ensure compliance with the policy. **The financial aid satisfactory academic progress policy should not be confused with Probation or Good Standing as defined by Middle Georgia State University (MGA) academic policies.**

Components

The MGA definition of satisfactory academic progress for receiving financial aid includes the following components:

- I. **Grade Point Average Standards**-Students are required to maintain at least a 2.0 cumulative **financial aid** grade point average (GPA). Financial aid GPA includes all credit hours **attempted** at MGA and all other hours accepted for credit from previously attended institutions, including learning support and repeat coursework. **NOTE:** Financial aid GPA may differ from your academic GPA. Also, grades not associated with quality points cannot be used to calculate GPA. They do, however, count as attempted hours.
- II. **PACE Standard (Quantitative)** - Students enrolled at MGA must show measurable progress toward earning a degree by successfully completing a minimum of 67% (no rounding) of cumulative credit hours **attempted**. Grades of A, B, C, D, P and S count as the successful completion of a course. Grades of F, W, WF, FA, I, IP, NR and U **do not** count as the successful completion of a course. Transfer consortium, repeated, and learning support count as attempted hours.
- III. **PACE Standard (Maximum Time-Frame)** - In addition to previously stated standards, student financial aid is available for up to 150% of the number of hours required to complete the specific program of study. **Example:** If a bachelor's program requires **120** hours, a student may attempt a maximum of **180** hours before becoming ineligible for

financial aid. Students who change majors or degree programs may reach eligibility limits before obtaining a degree. Students who change majors or degree programs should do so early so as not to jeopardize eligibility for student financial aid. **Major changes are not considered mitigating circumstances for financial aid appeal purposes.**

Students Seeking Subsequent Degrees- Students who already have a degree and are seeking another degree will be given additional time for completion of their new program. Students may not exceed 150% timeframe for both programs. Students exceeding these hours or pursuing a 3rd degree will be placed on Suspension and must appeal to have their eligibility determined (students with this circumstance should contact the Office of Student Financial Aid directly).

PROGRAM	MAXIMUM ATTEMPTED HOURS ALLOWED
Certificates	150% of the certificate's required hours
First Associate Degree	90 semester hours or 150% of required hours
First Bachelor Degree	180 semester hours
Second Associate Degree	150 semester hours (90+60=150)
Second Bachelor Degree	270 semester hours (180+90=270)
Bachelor Degree Seeking Associate Degree	240 semester hours (180+60=240)
Graduate Degree	150% of the program's required hours
All Other Program of Studies	Determined based on prior credentials and current program requirements

***** THE MAXIMUM LENGTH OF STUDY CANNOT EXTEND BEYOND COMPLETION OF COURSES REQUIRED FOR THE DEGREE OR CERTIFICATE PROGRAM*****

Review Process

At the beginning of your academic career at MGA and each subsequent semester the Office of Student Financial Aid will determine whether the student has successfully completed the minimum expected number of hours with the required G.P.A. and shown progression toward their current program of study. This review will include all hours attempted during the students' attendance period at MGA, as well as transfer hours. SAP status is calculated at the end of each semester after grades are posted to academic history. If after this review a student is not making SAP according to Grade Point Average (qualitative) or PACE (quantitative) standards, their status will be changed to **Warning** and they will be allowed to receive financial aid the following term(Note: *Transfer exception below). Continued eligibility will be determined after this term. Students who become ineligible due to **PACE- max-time frame component will have their aid suspended** and they will not be eligible to receive additional financial aid unless an appeal is submitted and approved.

***Transfer Students-** Transfer students are **ineligible** for financial aid until all required transcripts from prior college attendance have been received and reviewed to determine SAP eligibility status. Transfer students not compliant with MGA's Standards of Academic Progress at their time of entry will be placed on financial aid suspension. Students may appeal this determination.

Learning Support- Only 30 attempted semester hours of remedial classes can be funded by Title IV. After 30 hours, those credits cannot be counted towards your enrollment status. Most state aid programs will not fund remedial coursework at all.

Financial Aid Appeal Approval

Students may be approved to have financial aid reinstated by either becoming compliant with the SAP standards or submitting a financial aid appeal. Financial aid approval may result in the student being eligible for aid one term with the expectation that the student will be compliant at the end of that term or student may be placed on an academic plan. Academic plans are prescribed by the Financial Aid appeals committee to ensure the student is making progress towards degree completion and compliance with the SAP policy. Students will be notified in writing of the terms and conditions of their academic plan approval. Students who are unable to fulfill the academic plan prescribed must contact the Office of Student Financial Aid upon notification of the requirements. Students who have been granted probationary approval must successfully complete all coursework attempted. Students who fail to successfully complete all coursework while on probationary approval will have all financial aid suspended.

Appeals Process

Students who have experienced mitigating circumstances and as a result have lost eligibility for financial aid may appeal by completing the applicable financial aid appeal form and submitting it to the financial aid office along with supporting documentation. The appeal will be reviewed by the financial Aid appeals committee. Notification to the student of the decision will be provided via written notification and BANNERWEB message, along with any special conditions which must be met if approved. If an appeal is denied or student chooses not to appeal, student can regain eligibility by reaching required standards per SAP Policy at his/her own expense. **IMPORTANT: Only one appeal may be submitted per academic year.** A student may appeal their SAP Suspension **only three times** during their academic career at MGA. Decisions made by the SAP Committee are **final** and there is no further appeal the student may submit to the Office of Student Financial Aid, The Department of Education or any other department at MGA.

DEADLINE: Incomplete appeals may result in automatic denial. Students must appeal by the end of term in which they expect to receive aid.

Academic Circumstances that Affect Status

- Failing grades, withdrawals and incompletes all reduce your completion ratio as well as counting against maximum hours.
- Repeated courses count as attempted hours each time you register for them. Also, each course is counted in your financial aid GPA requirement.
- Academic renewal hours count toward all components of the SAP policy.
- Students who are suspended academically or choose not to attend because of SAP Suspension will not be automatically eligible for financial aid upon their return. **Absence does not restore eligibility for financial aid.** It remains the responsibility of the student to be knowledgeable of their SAP standard when returning to school after dismissal or choosing not to return because of SAP Suspension.
- Grade changes require students to submit a written request to have SAP recalculated after confirmation has been received that grade change has been posted to academic history.
- Summer Term Courses – all hours attempted and completed in the summer term are treated as any other semester hours in determining SAP status. SAP will be checked following the summer term as well.
- Audit Courses – students are not eligible to receive financial aid for audit courses. Audited courses are not included in hours attempted or earned for SAP determination.

Academic Policy and Information

Knowledge of Catalog

It is the responsibility of all Middle Georgia State University students to read, understand, and observe the rules and regulations of the University as published in the Academic Catalog and in other official announcements. The University reserves the right to change at any time any regulations and requirements as necessitated by the University or by the University System of Georgia.

Orientation

New Student Orientation sessions are provided for all new and transfer students attending Middle Georgia State University. Orientation is designed to provide essential information about academic programs and requirements, students organizations and activities, and the wide range of campus resources, both academic and non-academic, available to students. Most of all, orientation is intended to help new students connect with the campus community and to be well prepared for success. For more information about the orientation program, visit <http://www.mga.edu/orientation/>.

Placement Exams

COMPASS/ACCUPLACER Exams

The COMPASS test will be available to students until September 2016 and will be replaced by the ACCUPLACER test.

COMPASS/ACCUPLACER exams are required for non-traditional students and transfer students who have not exited learning support. COMPASS/ACCUPLACER exam scores, when appropriate, can be used to determine a student's English Placement Index (EPI) and the Math Placement Index (MPI) for admission and placement into learning support. Current admission standards can be found at <http://www.mga.edu/admissions>. Learning support placement indices can be found in the Learning Support section of the catalog.

A student may retake the COMPASS/ACCUPLACER exam twice. Additional information can be obtained at <http://www.mga.edu/testing-services/compass.aspx> or by contacting the Testing Center.

A student who has been dismissed and has not taken any college work in the USG system for at least one year may be retested in any unsatisfied area and readmitted without any LS requirements if they meet the institutional criteria for exemption.

COMPASS/ACCUPLACER test scores are good for 1 year.

Mathematics Placement Exam

Placement into the appropriate mathematics course is key to successfully completing all mathematics requirements in the curriculum. The Mathematics Placement Exam (<http://www.mga.edu/testing-services/dmt.aspx>) must be taken prior to enrolling in College Algebra (MATH 1111), Plane Trigonometry (MATH 1112), Precalculus Mathematics (MATH 1113), Discrete Mathematics (MATH 2120) or Calculus I (MATH 1251) unless one or more of the other prerequisites have been satisfied.

The minimum scores necessary on the Mathematics Placement Exam are:

Course	Minimum Score on Mathematics Placement Exam
MATH 1111 - College Algebra	12
MATH 1112 - Plane Trigonometry	18
MATH 1113 - Precalculus Mathematics	18
MATH 2120 - Discrete Mathematics	18
MATH 1251 - Calculus I	24

A&P Online Program and Readiness Exam

Students who do not meet the prerequisites for BIOL 1114, may register for an online program and readiness exam as an alternate way to gain eligibility to enroll in the course. Successful completion of the online program and readiness exam allows the student to enroll in BIOL 1114 course but does not guarantee success in the course. It is not a substitute for completion of the college preparatory curriculum or prior knowledge equivalent to BIOL 1001K. Students should contact the Department of Natural Sciences for additional information.

Majors

Choosing a Major

Students are required to select a major field of study at the time of application.

Changing a Major

To change a major or to declare a major, students must file a Change of Major Form. If a student changes majors more than fourteen (14) days after the start of the semester, the change will not become effective until the following semester. Change of Major Forms are available in the Registrar's office and online at: <http://www.mga.edu/registrar/>.

Students who change their majors may have difficulty in completing the degree program in the prescribed time. Students are responsible for knowing and completing all requirements for a degree at Middle Georgia State University.

Advising and Registration

Advising

Middle Georgia State University recognizes academic advising as a critical component of a successful educational experience. Through the advising curriculum students will be provided with accurate and timely information necessary to make informed decisions that promote self-sufficiency, self-awareness, and self-discovery. Through collaborative relationships with academic advisors, students will define and implement comprehensive educational plans that are consistent with their personal values, goals, and career aspirations. All students are advised either at the Academic Advising Center or through the school that houses their major. Contact information for each school is available on the Academic Advising homepage at <http://www.mga.edu/advising/>.

Students should refer to the Middle Georgia State University Academic Calendar for advising dates <http://www.mga.edu/academics/calendars/default.aspx>. Each year, MGA schedules an advising period for returning students in advance of the registration period.

Advising Policy

Freshman and sophomores and all students with Learning Support requirements must meet with their academic advisor every semester. Juniors and seniors must meet with their academic advisor once per academic year.

Seniors are encouraged to meet with their advisor in both the fall and the spring semesters to conduct a program/degree audit to ensure that they are on the right path to program completion and graduation.

Any student on Academic Probation is required to meet with their advisor and devise an Academic Success plan.

Registration

Before the scheduled date for registration, a schedule of the classes to be offered for the next semester is made available on the Middle Georgia State University website. Prior to the registration period, students must meet with their advisor and have their Advising Hold removed. When the registration opens during the registration period, students who are cleared of all HOLDS may register online at www.mga.edu by clicking on the SWORDS Secure Login link. Students with additional HOLDS must register through an advisor in the Academic Advising Center or School that houses their degree major. Registration is prioritized.

Seniors, athletes and students with disability can register on the first day of the registration period. They are followed by juniors, sophomores and freshmen on subsequent days. Students may register at any of the five Middle Georgia State University campuses. New students are required to register through an advisor. Detailed instructions are available on the SWORDS registration page. Registration information is also available on the Registrar's homepage at <http://www.mga.edu/registrar/>.

Students are responsible for registering for the correct courses consistent with their programs of study as outlined in the Middle Georgia State University catalog. All students must abide by course prerequisites. Students must also pay attention to scheduling sessions (full session, first session, second session) as well as to time and campus location. Students are responsible for checking their schedules after they register to ensure that the intended courses are listed.

Students should understand that they will receive a grade in each class recorded on their class schedules. **Students who do not attend those specific classes and sections will receive a grade of "F" in each class not attended unless they officially drop the class.** Students without HOLDS may drop courses online. Courses may also be dropped in the Office of the Registrar at the Macon and Cochran campuses or the administrative offices at other campuses. Students may cancel their registration online or through the Office of the Registrar at the Macon and Cochran campuses or the administrative offices at other campuses. The last date for canceling registration can be found on the academic calendar <http://www.mga.edu/academics/calendars/default.aspx>.

Course Load

Regular Course Load

Students carrying twelve or more semester hours are considered full-time.

Overload Policy

- A load in excess of seventeen credit hours must be approved by the students' advisors and department chairs.
- A load of twenty or more semester hours also must be approved by the Office of Academic Affairs.

Course Load for Timely Graduation

To graduate in two years with an associate degree or in four years with a baccalaureate degree, students must carry an average class load of fifteen to seventeen credit hours per semester hours.

Drop/Add

Students are allowed to drop or add classes **during the published drop/add period in the academic calendar** without penalty (without receiving a grade of “W” or “WF” in the course). If students drop a class during the drop/add period, the course is not entered on the student's record. Students without HOLDS may drop or add a class online through their SWORDS account. Otherwise they should see their advisor to make a change or submit a Change of Schedule (Drop/Add Form) in person or by fax to the Registrar's Office on the Macon Campus or the administrative offices at other campuses. Learning Support Students must adjust their schedules through an advisor.

Students with holds cannot add or drop a class online.

Students required to take Learning Support courses may not drop the required course(s). Permission may be granted to drop one course if enrolled in more than one required Learning Support course. Students exceeding 30 earned hours must enroll in only in the required LS course.

The official date on which a class is dropped is the date on which the student properly executes the drop procedure.

Students who have a Required High School Curriculum (RHSC) requirement are not permitted to drop a RHSC required class if they have exceeded 30 earned hours unless they are withdrawing from all classes for all sessions during the semester.

After the Drop/Add deadline students may not add classes and must drop classes through the process.

Withdrawal

Academic Withdrawal from Classes

Students may initiate withdrawal from classes through the Student Web Organized Records & Data System (SWORDS) or by submitting a Withdrawal Form to the Office of the Registrar at the Macon campus or the administrative offices at other campuses.

Before the Withdrawal Deadline

After the Drop/Add period and up to the withdrawal deadline (one week after midterm as designated in the Academic Calendar), students may withdraw from a course and receive a grade of “W” (withdrawal without penalty) by correctly following the withdrawal procedure.

After the Withdrawal Deadline

If students withdraw from classes after the deadline (more than one week after midterm), a grade of WF (withdrawal with penalty) is assigned. A grade of WF is computed the same as an F in the Grade Point Average.

Withdrawal Limits

Middle Georgia State University limits the total number of courses from which students may withdraw over the course of their matriculation. Students may withdraw from a maximum of 5 courses. Once students reach the 5 course limit, all subsequent withdrawals will be assigned grades of WF.

Additional Policies

- Students will not be allowed to withdraw from classes during the last two weeks of class.
- The official date of withdrawal is the date on which the student properly executes the withdrawal.
- Students who have a Required High School Curriculum (RHSC) requirement are not permitted to withdraw from a RHSC required class if they have exceeded 30 earned hours unless they are withdrawing from all classes for all sessions during the semester.
- Students with Learning Support requirements who drop Learning Support classes before the add/drop deadline or do not attend and reported by the instructor as a no-show will be removed from all other classes and withdrawn from the University for the term.

Faculty Initiated Withdrawal from Classes

Effective Spring 2015, faculty **may** initiate a course withdrawal for a student who has excessive absences as defined by the University's Attendance Policy. Each faculty member should provide a statement on the course syllabi regarding his or her practice related to students who have excessive absences. Faculty who select to withdraw a student for attendance reasons should complete the **Instructor Initiated Class Withdrawal Form (available on the Registrar's Office webpage)** including the last Date of Attendance and provide to the Registrar's Office for processing.

Withdrawal from the University

Students who wish to withdraw from the University must complete the Withdrawal Form, obtaining the required signature from the advisor, and submitting it to the Office of the Registrar at the Macon campus or the administrative offices at other campuses. Withdrawal is not complete until all withdrawal procedures have been properly executed.

Course Policies

Attendance Policy

The classroom experience is a vital part of university education. Interaction with instructors and other students is an important element of the learning process. Students are expected to attend all class sessions. Students who do not attend classes on a regular basis are subject to reassessment of financial aid eligibility.

Students whose number of absences is more than twice the number of class meetings per week may be assigned a failing grade for the course at the discretion of the instructor. Students who have more absences than the number of class meetings per week but less than twice the number of class meetings per week may be penalized at the discretion of the instructor. Students who have absences which are less than or equal to the number of class meetings per week will not be penalized.

Individual faculty members reserve the right to include additional policies and/or penalties as deemed necessary. Faculty will include policies on absences and tardiness in their syllabi at the beginning of every semester. Faculty are expected to maintain an attendance record for all their classes.

Audit Policy

Students may register for and attend a class without being responsible for the work required in the course. No credit is given, but tuition must be paid. Students who audit a course may not subsequently register for credit in that course nor apply for credit by examination during another term. A grade of V appears on the transcript.

Advanced Standing by Examination

- Students may apply for advanced credit examination only after being accepted and enrolled by Middle Georgia State University.
- A grade of "K" (denoting credit by examination) for credit granted by individual examination will be recorded on the student's academic record after the student has enrolled.
- No more than 40 semester hours of credit may be earned by examination (including CLEP, AP, DSST, and departmental credit exams).
- Credit by examination may not be received for a course in which the student has previously enrolled and not withdrawn.
- An advanced placement examination or departmental may not be retaken in order to earn credit.
- DSST and CLEP exams with the same exam title may be repeated after 90 days from the original testing date. If the exam with the same title is taken before the required wait period, the exam will be invalid. Any retakes should be considered prior to registering for the course. If a student registers for the course and then passes the CLEP or DSST exam, no refunds will be issued for the course once the drop/add period is over.

Advanced Placement Program of the University Entrance Examination

Students may apply for Advanced Placement Program credit only after being accepted and enrolled by Middle Georgia State University. Credit will be awarded for scores of 3, 4, or 5 on tests of Advanced Placement Programs comparable to college courses.

Advanced Placement Course/Examination	Minimum Score	Middle Georgia State University Equivalent Credit Awarded	Credit Hours Awarded
Art History	3-4-5	ARTS 2010 or ARTS 2011, Art History I or II	3
Biology	3	BIOL 1001K	4
	4	BIOL 1001K and 1002K	8
	5	BIOL 2107K and 2108K	8
Calculus A B	3	MATH 1111, College Algebra	3
Calculus A B	4	MATH 1113, Precalculus Mathematics	3
Calculus A B	5	MATH 1251, Calculus I	4
Calculus B C	4-5	MATH 1251 & 2252, Calculus I & II	8
Chemistry	3	CHEM 1211K	4
	4-5	CHEM 1211K and CHEM 1212K	8
Comparative Government and Politics	3, 4, 5	POLS 2301	3
Computer Science A	3-4-5	MATH 1371	3
Computer Science B	3-4-5	MATH 1371	3
Economics/Macroeconomics	3-4-5	ECON 2105	3
Economics/Microeconomics	3-4-5	ECON 2106	3
English/Language and Composition	3-4-5	ENGL 1101	3
English/Literature and Composition	3-4-5	ENGL 1101	3
	4-5	ENGL 1102	3
Environmental Science		No credit	
European History	3, 4, 5	Three hours of Area E elective credit	3
French Language and Culture	3	FREN 1001 FREN 1002	3
	4-5	FREN 2001	6
German Language and Culture	3	GRMN 1001 GRMN 1002	3
	4-5	GRMN 2001	6
Latin/Literature	3-4-5	Humanities Elective	3
Latin/Virgil	3-4-5	Humanities Elective	3
Music Theory Aural Skills Subscore	3-4-5	MUSC 1102	1
		Sight-Singing/Ear-training 1	
Music Theory Written Skills Subscore	3-4-5	MUSC 1101	2
		Elementary Theory I	
Physics B	3	PHYS 1111K	4
	4-5	PHYS 1111K and PHYS 1112K	8
Physics C		No credit	
Psychology	3-4-5	PSYC 1101	3
Spanish Language and Culture	3	SPAN 1001 SPAN 1002	3
	4-5	SPAN 2001	6
Spanish Literature and Culture	3	SPAN 1001 SPAN 1002	6
	4-5	SPAN 1002 SPAN 2001	6
Statistics	3	MATH 1200, Elementary Statistics	3
Studio Art (Drawing Portfolio)	3	ARTS 1010, Drawing I	3
Studio Art (Two-D Portfolio)	3	ARTS 1020, Two-Dimensional Design	3
Studio Art (Three-D Portfolio)	3	ARTS 1030, Three-Dimensional Design	3
U.S. Government and Politics	3, 4, 5	POLS 1101*	3
U.S. History	3, 4, 5	HIST 2111 and HIST 2112 *	6
World History	3, 4, 5	HIST 1111 and HIST 1112	6

*Please note that in addition, an exam is required to satisfy state legislative requirements.

IB (International Baccalaureate) Credit

Effective in Fall 2013, pursuant to BOR Policy 4.2.1.6., the following are the guidelines for the awarding of collegiate academic credit for students who have completed International Baccalaureate tests. Note that the amount of university credit that may be awarded is limited to a total of 24 semester hours. In order to receive university credit for IB Diploma completion, students must have their test scores sent directly to Middle Georgia State University. No credit will be given for scores of 3 or below on either the Standard Level or Higher Level tests. **Standard level IB coursework and assessment scores will not be considered for university credit unless the student holds an IB Diploma.**

For students completing International Baccalaureate Diploma:

IB Test	Standard Level Scores	Higher Level Scores	Course Equivalents	Credits
Anthropology (Social and Cultural)	5-7	4-7	ANTH 1102	3
Computer Science	6-7	4-7	CSCI 1301	3
Economics	5	4	ECON 2105	3
	6-7	5-7	ECON 2105, ECON 2106	6
English A1	4, 5, 6	4, 5, 6,	ENGL 1101	3
	7	7	ENGL 1101, ENGL 1102	6
Information Technology in a Global Society	5-7	4-7	CSCI 1001	3
Mathematical Studies			No equivalent course offered	0
Mathematics	5	4	MATH 1111	3
	6-7	5	MATH 1111, MATH 1113	6
		6-7	MATH 1111, MATH 1113, MATH 1251	10
Psychology	5-7	4-7	PSYC 1101	3
Spanish, French, German	5-7	4	1001	3
		5	1002	3-6
		6-7	2001	3-6
			2002	3-6
World History	5-7	4-7	HIST 1112	3

For the Science courses, the semester credit awarded for IB diploma holders will be as follows-

Assessment Score	Standard Level Course	Higher Level Course
4	No Credit	3-4 semester hours*
5	0-4 semester hours*	3-8 semester hours*
6-7	3-8 semester hours*	3-12 semester hours*

*Variable credit hour allowances are provided to account for labs and for the depth of material covered in the individual subject area.

For students completing International Baccalaureate Certificates, but not the entire Diploma: Certificate-only students will not receive credit for work in Standard Level courses. Higher level IB coursework and assessment scores will be considered for academic credit for **both** IB diploma completers and for IB students awarded a certificate of completion in a particular subject area.

IB Test	Standard Level Scores	Higher Level Scores	Course Equivalents	Credits
Anthropology (Social and Cultural)	5-7	4-7	ANTH 1102	3
Computer Science		4-7	CSCI 1301	3
English A1		4, 5, 6 7	ENGL 1101 ENGL 1101, ENGL 1102	3 6
Information Technology in a Global Society		4-7	CSCI 1001	3
Mathematics		4	MATH 1111	3
		5	MATH 1111, MATH 1113	6
		6-7	MATH 1111, MATH 1113, MATH 1251	10
Psychology	5-7	4-7	PSYC 1101	3
Spanish, French, German		4	1002	3-6
		5	2001	3-6
		6-7	2002	3-6
World History		4-7	HIST 1112	3

CLEP Credit

CLEP Subject Examination	ACE Rec. Score	MGA Courses Credited	Sem Hours
American Government	50	POLS 1101	3
American Literature	50	ENGL 2131, ENGL 2132	6
Analyzing and Interpreting Literature	50	ENGL 1102	3
Biology	50	BIOL 1001K and BIOL 1002K	8
Calculus	50	MATH 1251	4
College Algebra	50	MATH 1111	3
College Composition	50	English 1101	3
College Spanish	50	SPAN 1001, SPAN 1002	6
College Spanish	63	SPAN 1001, SPAN 1002 SPAN 2001, SPAN 2002	12
English Literature	50	ENGL 2121, ENGL 2122	6
Financial Accounting	50	Accounting 2101, 2102	6
French Language	50	FREN 1001, FREN 1002	6
French Language	63	FREN 1001, FREN 1002, FREN 2001, FREN 2002	12
Chemistry	50	CHEM 1211K and CHEM 1212K	8
German Language	50	GRMN 1001, GRMN 1002	6
German Language	63	GRMN 1001, GRMN 1002, GRMN 2001, GRMN 2002	12
General Psychology	50	Psychology 1101	3
Human Growth and Development	54	Psychology 2103	3
Humanities	50	HUMN 2155, HUMN 2156	3
Information Systems and Computer Applications	50	ITEC 2215	3
Introduction to Sociology	50	Sociology 1101	3
Precalculus	50	MATH 1113	3
Prin. of Macroeconomics	50	Economics 2105	3
Prin. of Microeconomics	50	Economics 2106	3
History of the United States I: Early Colonization to 1877	50	HIST 2111 *	3
History of the United States II: 1865 to the Present	50	HIST 2112 *	3
Western Civilization I: Ancient Near East to 1648	50	HIST 1111	3
Western Civilization II: 1648 to the Present	50	HIST 1112	3

*Please note that in addition, an exam is required to satisfy state legislative requirements.

DSST Credit

DSST "Subject Examinations" and the courses for which they are the equivalent are listed below.

MGA Course	Credit Hours	DSST	Scores
Anthropology 1102	3	General Anthropology	400
Communications 1110	3	Principles of Public Speaking	400
Criminal Justice 1100	3	Introduction to Law Enforcement	400
Mathematics 1200	3	Principles of Statistics	400
Psychology 2103	3	Lifespan Developmental Psychology	400

Students must register for the CLEP and DSST examinations using the Testing Services online registration page (www.mga.edu/tsr). The examinations are administered in the Student Life Center on the Macon campus, in the Academic Services Building Room 223 on the Warner Robins campus and in Grace Hall basement on the Cochran campus. Beginning in the 2015 fall term, CLEP sessions will be offered on the Dublin campus in room DUB 216. Fees for the examinations are the responsibility of the student. Students desiring credit for a CLEP Examination not listed in the catalog may petition the Office of Academic Affairs.

Courses for which there are no CLEP examinations may be exempted by departmental credit examinations when examinations approved by the Chair or Dean and the Provost are available. Interested students should apply to the appropriate Chair or Dean to see if there is an approved examination. Students must pay a fee to the Business Office, where they will get a receipt and a "Credit Examination Notice" card stamped as paid. The stamped card must be presented to the Chair or Dean before the test. If students pass a departmental exam, their cards will be signed by the Chair or Dean and submitted to the Office of the Registrar. If students fail a departmental exam, the Chair or Dean will file their cards to indicate that those students are ineligible to take a second exam on the same subject.

Credit Allowances for Certificate-Seeking Students

- Students may apply credits earned for a degree to a certificate program.
- Students in 30-hour certificate programs who choose to earn credit by examination may earn up to 12 hours of credit through passing CLEP or departmental examinations in areas where such examinations exist.
- Students in certificate programs requiring completion of 15 semester hours may choose to earn up to 6 hours of credit by examination through passing CLEP or departmental examinations in areas where such examinations exist.
- Students transferring to Middle Georgia State University from other schools must meet all criteria for admission to certificate programs as outlined above and are subject to stated transfer credit policies.

Credit for Military Service

In accordance with procedures established by the University System of Georgia, MGA offers credit for military service using the following criteria (*USG Academic & Student Affairs Handbook, 2.16 Credit for Military Service*) and based on training courses identified in the ACE National Guide to College Credit for Workforce Training.

Academic Credit

When a student requests academic credit based on experience in the military service, the following procedure is followed:

1. The Registrar researches the American Council on Education (ACE) Guide to determine the recommendation made by that organization.
2. The Registrar advises appropriate academic department head(s) of ACE recommendation(s).
3. The appropriate academic officer advises the registrar of what credit, if any, is to be granted in that specific discipline. Credit should not be awarded for course/experiences not offered by that academic institution.
4. The Registrar records appropriate credit on official transcript and advises both the student and academic advisor of the credit that has been granted.

The total number of combined hours earned through correspondence, extension, and military experiences shall not exceed 15 credit hours.

MGA will also award a maximum of 40 credit hours towards a degree through AP, CLEP, DANTES, departmental exams, and Prior Learning Assessments.

Note about Award of Credit

The policies for evaluating, accepting, and awarding credit for transfer, credit by examination, advanced placement, experiential learning, and professional certifications are reviewed annually by the Office of Academic Affairs in consultation with the School Deans and the Registrar's office'.

Grades and Academic Records

Grading System

Grade	Quality Points Per Semester Hour
A	4.0
B	3.0
C	2.0
D	1.0
F	0.0
I	No quality points are earned until the course is satisfactorily completed.
W	0.0
WF	0.0

Grade Point Average (GPA)

Academic Standing is based on this average. The GPA is calculated by dividing the total number of academic credit hour quality points a student has earned by the total number of grade point average hours (GPA hours) the student has attempted. (See Academic Standing for further information).

Final grades are available to students through SWORDS, the Middle Georgia State University online registration system.

The following grade symbols are used but are not included in computing the grade point average:

I	An incomplete grade (I) indicates that the student for non-academic reasons was unable to complete the
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	requirements for a course. For all courses except flight, all outstanding work must be completed before the midterm of the next semester the student is enrolled or by the end of one calendar year if the student is not enrolled. Aviation students enrolled in flight classes have three full terms (including summer) after the semester an I is earned to complete outstanding work, regardless of their enrollment status. If an I grade is not removed from any students record in the defined time period, a grade of F is assigned to the course. Once an I grade is rolled to an F, it may not be changed without the approval of Academic Affairs.
IP	This indicates that the student has made progress in a Learning Support course; but the student has not exited Learning Support and is required to enroll in that course the next semester of enrollment.
W	This indicates a withdrawal without penalty and is assigned when students withdraw from courses by the midterm date.
V	This indicates that the course was audited, and the student receives no quality points.
K	This indicates that the credit was granted via an Advanced Standing Credit Examination or a CLEP Examination.
NR	Grade Not Reported by instructor by grade deadline for the term.
The following grade symbols are used and included in computing the grade point average:	
WF	This indicates that the student withdrew from a course after the midterm date. A WF grade is counted the same as an "F" grade in the GPA calculation. In cases of hardship, approved by the Office of Academic Affairs, students may receive the W after midterm.
WM	Withdrew, military emergency

Repeated Courses

A student who repeats a course will have the cumulative Grade Point Average calculated using the grade from the last attempt. The grade of the first and subsequent attempts that are excluded from the GPA will remain on the student's official permanent record.

Course Retake Policy

Students who fail a Middle Georgia State University class may retake the class a second time. After a second failure in the same class, students must gain permission from the Dean of the School or College in which the class is housed to retake the course all subsequent times. Students seeking to retake a class after the second failure must meet with the appropriate Dean, who will evaluate the student's academic readiness and may approve course retake. The Dean may require tutoring or supplemental instruction.

Additional retake policies may apply at the program level.

Academic Records

The academic records of students are maintained in the Registrar's Office under strict regulations as mandated by FERPA regulations. The records include a chronological listing of all courses taken and the cumulative GPA.

Grade Appeal Policy

In reviewing appeals relating to the receipt of grades, the process will be concerned entirely with alleged violations of institutional policy or procedure rather than with content or with matters of the instructor's judgment.

When a student believes that an instructor has not followed proper procedure in the classroom (e.g.: failure to follow stated grading policy or other procedures and objectives as outlined in the syllabus) and if the student wishes to appeal, the student should adhere to the following procedure:

1. The student must first discuss the appeal and provide the Instructor responsible for the grade assigned (or his/her designee) with a Final Course Grade Appeal Form (available in the Office of the Provost and also online) with the student section completed within 10 working days after the registrar's office has posted final grades for the semester in which the grade was received. Once the appeal process is initiated, the burden of proof is on the student.
2. The instructor will complete the appropriate section on the Final Course Grade Appeal Form, and return to the student within ten working days.
3. If the matter is not resolved between the instructor and the student, the student will submit all appropriate documentation in appeal to the department chair, or dean if there is no department chair, within ten working days of receiving the course instructor's written response.
4. The department chair or dean will attempt to resolve the issue and will complete the appropriate section on the Final Course Grade Appeal Form and return to the student within ten working days.

5. If there is both a department chair and a dean in the academic unit and the matter is not resolved at the department level, the student will need to appeal to the dean of the School within five working days of receipt of the response of the department chair.
6. If the matter cannot be resolved at the School level, the student should submit the completed Final Course Grade Appeal Form and submit it to the Office of the Provost within ten working days after receipt of the dean or chair's response. It is the student's responsibility to provide all documentation (the student's inquiry, the instructor's response, and the dean or department chair's response) along with the Final Course Grade Appeal Form.
7. The Office of the Provost will appoint a three-member panel selected from the various academic departments (excluding representatives from the academic unit from which the appeal originated).
8. The panel will collect information concerning the appeal by research and interview. All information so gathered will remain completely confidential.
9. The panel will make a written recommendation to the Office of the Provost, which is then submitted to the Provost with all supporting documentation.
10. The Provost may approve or deny the appeal.
11. The instructor, the dean or department chair, and the student will be informed in writing of the result of the appeal.
12. If the student seeks further appeal, the student may appeal to the President of the University. The student must submit all documentation (the student's inquiry, the instructor's response, the dean or department chair's response, and the Provost's response), to the office of the President of the University. The President will make the final decision. There is no further appeal.

Petition for Hardship Withdrawal

Students who have experienced hardship of a *non-academic nature* in a given term may petition for a term withdrawal. The *deadline* for hardship withdrawal is the last day of the term during which the hardship occurred. If a hardship withdrawal is granted, the student will be withdrawn from all classes for the term. This hardship withdrawal process is distinct from the grade appeal process, which is covered in a separate section of the catalog.

The student should:

1. Withdraw from all courses online or with the help of the advisor or by completing the "Drop" form in the Office of the Registrar at the Macon campus or the administrative offices at other campuses.
2. Complete the Hardship Withdrawal Form obtained online from the MGA website or from any administrative office on the campus.
3. Attach original documentation (physician statements and signatures on office letterhead, occupation related documents, death certificates, military orders) supporting the reason for withdrawal after midterm.
4. Submit the completed form and supporting documentation to the Office of the Provost.

The Provost's office will notify the student if additional documentation is needed. Appeal of petitions will be processed by the Provost's office after official final semester grades are posted to the student's academic history. Students will receive official notice of petition approval or denial from the Provost's office by mail.

Academic Standing

Grade Point Average

Students are expected to make reasonable academic progress; therefore, students must maintain a required cumulative institutional Grade Point Average of 2.00 or higher.

Academic Status

Standing	Credit Hours
Freshman	1-29 semester hours
Sophomore	30-59 semester hours
Junior	60-89 semester hours
Senior	90 and above semester hours

Academic Probation

When a student fails to maintain a sufficient Grade Point Average, the student's status changes from Good Standing to Academic Probation. Students who do not bring their cumulative institutional GPA up to a 2.00 or higher, will be continued on Probation if the institutional GPA for that semester (Term GPA) is not 2.00 or higher. Students will receive notification of their Academic Probation through their Middle Georgia State University e-mail account and through their academic record available through SWORDS.

Students on Academic Probation may register through their academic advisor for the semester following notification of placement on Academic Probation. A student petition is not required.

Academic Suspension

A student who fails to maintain the required 2.00 cumulative institutional Grade Point Average after having been placed on Academic Probation, and does not achieve an institutional GPA of 2.00 or higher for that semester (Term GPA), will be suspended from the University. The first suspension is for one term; the subsequent suspension is for one year. Students will receive notification of their suspension through their Middle Georgia State University e-mail account, their academic record available on SWORDS, and by letter from the Office of the Registrar.

When placed on academic suspension for the period of one semester, the student will be eligible to re-apply to the University through the Office of Admissions by the end of the next academic term. For example: should a student be placed on a **one term academic suspension** at the end of a spring semester, the one term suspension could be the summer term and the student could then re-apply for a fall admission. However, after a third suspension, students are not eligible for readmission to the university until they are able to meet an overall cumulative 2.00 grade point average (transfer + institutional GPA). Students may not petition academic suspensions.

Academic Renewal Policy

In accordance with the USG Board of Regency Policy 3.5.3 Academic Renewal, undergraduate students who are either returning to a USG institution or are transferring to a USG institution may be eligible for Academic Renewal. Academic Renewal for the student signals the initiation of a new grade point average to be used for determining academic standing. This provision allows USG degree-seeking students who earlier experienced academic difficulty (GPA less than 2.50) to make a fresh start and have one final opportunity to earn an associate or bachelor's degree. A student must be absent 3 years from a regionally accredited institution.

The following procedures will apply for students seeking academic renewal:

Applying for Academic Renewal

1. Students must apply for Academic Renewal in the Office of the Registrar. Applications are also available on the Registrar's website.
2. Students are encouraged to apply for Academic Renewal status at the time of admission, re-enrollment or enrollment as a transfer student.
3. Academic Renewal is granted only one time.

All previously attempted coursework continues to be recorded on the student's official transcript.

1. A renewal GPA is begun when the student resumes taking coursework following approval for Academic Renewal.
2. The Academic Renewal GPA will be used for determining academic standing, honors, and eligibility for graduation.
 - a. To earn a degree from Middle Georgia State University, a student must meet the residency requirements after acquiring Academic Renewal status.
 - b. The renewal GPA will be used for honors at graduation.

Readmitted Students

USG undergraduate students who return to their home institution may be eligible for Academic Renewal for coursework taken prior to the period of absence. Students must be absent from Middle Georgia State University, MGA, for 3 years. Transfer credit for any coursework taken during the period of absence will be granted according to the university policies regarding transfer credits. Student must meet all admissions standards based on transferrable credits.

Transfer Students

Students who leave a regionally accredited institution of higher education and transfer to Middle Georgia State University may be eligible for Academic Renewal for coursework taken prior to the 3 year; the 3 year of absence required for Academic Renewal eligibility. Only coursework completed prior to the eligibility window can be considered for Academic Renewal. Courses taken more recently than the period of eligibility are ineligible for consideration for Academic Renewal. However, transfer credit can be granted for coursework taken during this period according to the institution's policies regarding transfer credits.

Suspensions

Any academic suspensions that occurred in the past shall remain recorded on the student's permanent record.

Grade Point Average

The Renewal GPA begins with the semester following re-enrollment.

Programs

The granting of Academic Renewal does not supersede the admissions requirements of certain programs, e.g., teacher education, business, and nursing, which may require a specific minimum grade point average based upon all coursework.

Financial Aid Implications

The granting of Academic Renewal does not supersede financial aid policies regarding Satisfactory Academic Progress (SAP). All attempts will count in the calculating of your grade point average for meeting satisfactory academic progress. The GPA will not always be the same as your institutional GPA where academic renewal has been awarded. All attempts will count in the calculation of your GPA for financial aid. In many cases the GPA will be different from your institutional GPA.

Special Programs and Learning Opportunities

The Georgia Academy of Arts, Mathematics, Engineering and Science

Introduction

The Georgia Academy of Arts, Mathematics, Engineering and Science is a residential component of the Move On When Ready (MOWR), program for top-performing high school juniors and seniors. (A sophomore may be considered based on curriculum and maturity.) Originated in fall 1997, The Georgia Academy allows students who meet the strenuous admission requirements to obtain high school and university credit simultaneously while enrolled full-time in university courses.

Enrollment

In most cases, students will enter The Georgia Academy at the beginning of their junior or senior year of high school. In rare cases, a younger student exhibiting remarkable abilities may be considered for admission. Through the awarding of dual-enrollment credit, it is possible for students enrolling at the beginning of their junior year to receive an associate degree from Middle Georgia State University and a high school diploma (awarded by the student's high school) simultaneously. Academy students are encouraged to continue their enrollment at MGA to work towards a baccalaureate degree.

Submit a request for information by visiting the GA Academy website at <http://www.mga.edu/georgia-academy/> or by contacting The Academy at (478) 934-3471 or via e-mail at academy@mga.edu

Admissions Requirements

Minimum requirements for admission to The Georgia Academy are as follows:

- A high school cumulative grade-point average of a 3.5 on a 4.0 scale in academic core classes;
- A composite Critical Reading and Math score of 1100* on the SAT examination with minimum scores of 560* on the Math section and 530* on the Critical Reading section or a composite score of 24* on the ACT with a minimum score of 24* on the Math section and a 23* on the English section.
- Enrollment in an accelerated college prep curriculum;
- Submission of three recommendation forms provided by The Georgia Academy (one must be completed by a student's Math instructor, one by a science instructor, and one by a student's high school counselor), an essay, and a high school disciplinary record;
- Completion of on-campus interviews with the student and at least one parent or guardian.

Majors and Degree Programs

While most Academy students choose majors in mathematics, science, or engineering, students may major in any degree program offered at Middle Georgia State University.

Residential Life and Regulations

Academy students are required to live on campus and are housed in Anderson Hall. University officials provide supervision for the Academy students. A full-time residence director lives in the residence hall. Housing applications are supplied in the student's acceptance package.

As is appropriate for the age of the Academy students, residential life rules and regulations are more stringent than those applied to other Middle Georgia State University students. Prospective Academy students should read the Georgia Academy of Arts,

Mathematics, Engineering, and Science [student handbook](#) and the Middle Georgia State University student handbook and carefully review all requirements, regulations, and disciplinary procedures. Academy student handbook regulations take precedence over similar general student handbook regulations.

Academic Policies

Academy students overall are subject to the academic policies which apply to all Middle Georgia State University students. Policies particular to Academy students are listed below.

An Academy student will be placed on academic recovery if the *semester* GPA falls below a 3.25 on a 4.0 scale. In order to maintain HOPE eligibility, Academy students must maintain a minimum *cumulative* GPA of 3.0. If the cumulative GPA falls below a 3.0, the student will be immediately dismissed from the program and the University.

An Academy student, in most cases, will simultaneously work toward a high school diploma and an associate degree. Students have the primary responsibility for ensuring that appropriate progress is being made toward the high school diploma by communicating and coordinating efforts with their high school counselor. The MOWR Coordinator and the Academy Academic Advisor will assist the student and the high school counselor to make sure that adequate progress is being made towards completion of the high school degree. A list of suggested high school-Middle Georgia State University course equivalencies will be provided to students and high school counselors and is also on file with the State Board of Education.

The Georgia State Board of Education and the University System of Georgia permit Academy students to take more college-level courses than a typical dual-enrollment student in which would normally be their junior year of high school.

Academy students will be required to complete Milestone tests. The test sections will be administered on the Middle Georgia State University campus by a testing specialist from the local school system, and results will be forwarded to the student's high school. Juniors are encouraged to take the PSAT examination in October of their first semester at Middle Georgia State University. Academy students should take the SAT and/or ACT no later than fall semester of their last year to meet application deadlines for their transfer institution.

Fees and Financial Assistance

Students in the Georgia Academy are subject to the tuition/fees, housing and meal charges required of all Middle Georgia State University students. These fees are listed on the Bursar's Office web page. Students in the Academy, the residential component of the Move On When Ready Program, are qualified to receive tuition, fees, and textbook funding for approved college courses. Funding is administered by the Georgia Student Finance Commission. Additional information about the program may be found at <https://gsfc.georgia.gov> or <http://www.mga.edu/admissions/high-school-students.aspx>. Academy students are also encouraged to apply for institutional scholarships.

Honors Program

The Honors Program at Middle Georgia State University is designed to help academically advanced students develop their intellectual potential through challenging educational activities. Its main goal is to encourage these students in individual, rational, and creative thinking. In addition, the Honors Program seeks to promote academic excellence and intellectual independence on the part of each student.

Honors Admission

All entering students who meet one or more of the following requirements are eligible to enroll in Honors Program courses, thereby formally entering the program:

- a high school GPA of at least 3.50
- an SAT composite score of 1100 or above, with an Evidence-Based Reading and Writing score of at least 580
- an ACT score of 24 or above

Students who have completed fifteen or more semester hours of college-level work with a GPA of at least 3.50 are eligible to enroll in Honors Program courses, thereby formally entering the program.

Students who do not meet the requirements listed above may contact the Honors Program Director to apply for admission to the program.

Students are required to maintain a minimum cumulative GPA of 3.00 in order to remain in the Honors Program. All Honors Program students in good standing are eligible for membership in the Honors Student Association.

Honors Courses

Honors courses are honors sections of the core curriculum or honors sections of courses in specific degree programs. These classes are designed to be more innovative, enjoyable, and rewarding since students of similar abilities are grouped together in small classes. Honors courses provide an opportunity for students to produce different types of work suited to their individual abilities and interests.

Please refer to the Schedule of Classes to check the availability of Honors courses for any given semester.

Honors Course Designations

In general, students are expected to fulfill the requirements of the Honors Program by taking regularly scheduled Honors courses. However, students who cannot be served by these course offerings (for example, students on campuses that do not offer Honors classes) may earn Honors credit by completing special projects of sufficient creativity, depth, or scope to warrant an Honors designation. Courses for which these projects are satisfactorily completed are designated as Honors classes on the student's transcript.

Graduation with Honors Program Distinction

See Academic Recognition.

Learning Support

Learning Support (LS) is a program for students who need additional preparation in mathematics or English (reading/writing) to increase their chances of success in their majors. Freshmen students must be evaluated for Learning Support placement in English (reading/writing) and mathematics.

To exempt placement screening, a Freshman who has been out of high school for less than five years must:

For English (reading/writing)

- Transfer in English 1101 with a “C” grade or better; OR
- Score 430 SAT Critical Reading or higher; OR
- Score 17 ACT English or higher; OR
- Score 235 or above the advanced proficiency level on the Georgia high School Graduation test – English Language Arts; AND
- Have met the Required High School Curriculum requirement in English

For Mathematics

- Transfer in an Area A collegiate level math course with a “C” grade or better; OR
- Score 400 SAT Mathematics or higher; OR
- Score 17 ACT Mathematics or higher; AND
- Have met the Required High School Curriculum requirement in mathematics

To exempt placement screening, a Freshman who has been out of high school five years or more must:

For English (reading/writing)

- Transfer in English 1101 with a “C” grade or better

For Mathematics

- Transfer in a collegiate level math course with a “C” grade or better

A Mathematics Placement Index (MPI) and an English Placement Index (EPI) will be calculated for all Freshmen who do not exempt Learning Support placement screening.

Indices will be calculated using a formula set by the USG that is based on:

1. High School Grade Point Average and SAT/ACT (if Freshman has been out of school less than five years)
2. COMPASS (if Freshman has been out of high school five years or more). COMPASS will be replaced by ACCUPLACER in September 2016.

The minimum indices to exempt placement into Learning Support courses are as follows:

	Exempt Learning Support courses
EPI	4230
MPI	1165

Designated Major for Students in Learning Support

Students with Learning Support requirements will be admitted into an associate's degree (AA) program and designated a General Education major. Students must meet with their academic advisor to discuss degree requirements and to be placed into classes. The registration hold is not removed.

In order for a student to be removed from the General Education designation, the following must be satisfied:

- satisfy all LS requirements and formally exit the program
- satisfy Math and English RHSC deficiencies

Students with documented learning disorders as defined in the USG Academic Affairs Handbook, Section 3.11.1, who are required to enroll in LS, must fulfill all stated requirements, including Learning Support placement and course requirements.

LS Attempts and Dismissal

Students with LS requirements will be dismissed if they do not pass Foundation English (ENGL 0989) in two semesters (course attempts) or if they do not pass Foundation Math (MATH 0988) in two semesters (course attempts) regardless of GPA. Current BOR policy defines an attempt as an institutional credit course in which a student receives any grade or symbol except “W” or “WM.” The number of attempts enrolled in an LS disciplinary area is cumulative within the University System. Students dismissed for failure to satisfy LS requirements can apply for re-admission after one year if they satisfy the admission requirements. There is no appeal for dismissal and re-admission is not guaranteed.

LS Mathematics

Students are placed into the each level of Learning Support Math using the following scores:

	Foundation Level	Co-Requisite Level
MPI	995-1117	1118-1164

Students who place into the Foundation level of Learning Support Math will enroll in MATH 0988 Foundations for Mathematical Modeling. Students who place into the Co-requisite level of Learning Support Math will enroll concurrently in MATH 0998 Support for Mathematical Modeling and MATH 1101 Mathematical Modeling. In order to exit Learning Support Math, students must pass Math 1101 with a “C” grade or better. Students in Learning Support Math who receive a “D” or “F” grade in Math 1101 must retake Math 1101 with Math 0998.

LS English

Students are placed into each level of Learning Support English using the following scores:

	Foundation Level	Co-Requisite Level
EPI	3354-4011	4012-4229

Students who place into the Foundation level of Learning Support English will enroll in ENGL 0989 Foundations for English Composition. Students who place into the Co-requisite level of Learning Support English will enroll concurrently in ENGL 0999 Support for English Composition and ENGL 1101 English Composition. In order to exit Learning Support English, students must pass ENGL 1101 with a C grade or better.

LS Registering for courses

During each semester of enrollment, a student must first register for all required LS courses before being allowed to register for other courses. If a student is dropped from a LS course during the add/drop period, the student may be dropped from all other courses. This policy applies to both full-time and part-time students.

Students enrolled in LS courses are not permitted to enroll for credit or to audit in courses that require the content or skills of the LS course. Academic advisors shall inform students of those courses that have LS courses as prerequisites or co-requisites.

- Completion or exemption from Co-requisite LS Mathematics is a prerequisite for Natural and Physical Science courses.
- Completion or exemption from Foundation-level LS Mathematics or placement into Co-requisite mathematics is required for placement into college level math courses.
- Completion or exemption from Co-requisite-level LS English is a prerequisite for Social, Natural, and Physical science courses.
- Completion or exemption from Foundation-level LS English or placement into Co-requisite English is required for placement into college level English courses.
- Any courses with prerequisite of any other college-level course would require exit or exemption from related Learning Support requirements.

Students who have acquired 30 or more credit hours and have not exited LS can only enroll in LS courses. Readmitted students who have not satisfied LS requirements and have acquired 30 or more hours during their previous period(s) of enrollment, can

only enroll in LS courses. Transferred hours or hours completed in a prior earned certificate or degree program, will not count toward the 30 credit hours in the student's current program.

Students who are not required to take LS courses in any disciplinary area, may elect to enroll in LS courses in the non-required area for institutional credit or on an audit basis. Such students are limited to two attempts if they enroll in Foundation English (reading/writing) or Foundation math but are not subject to the requirements assigned to students with LS requirements, e.g. the 30 hour rule.

Required High School Curriculum (RHSC) Deficiencies

Students may fulfill outstanding High School requirements using the following guidelines:

RHSC Deficiency	MGA Requirement (Must earn C or Better)
English	The student must complete Learning Support English if not exempt using an EPI or SAT/ACT score.
Math	The student must complete Learning Support Mathematics if not exempt using an MPI or SAT/ACT score.
Science	The student must complete one of the following courses: BIOL 1001K, CHEM 1151K, GEOL 1125K
Social Science	The student must complete one of the following courses: ANTH 1102, GEOG 1101, HIST 1111, HIST 1112, PSYC 1101, SOCI 1101, SOCI 1160
Language	The student must complete any non-English language course at the 1001 level, including: SPAN 1001, FREN 1001, GRMN 1001

Entering freshmen must take these courses by the time they have earned 30 semesters

hours of credit. Transfer students must take these courses immediately upon entering or as soon as possible thereafter. Students who accumulate 30 or more semester hours of college-level credit in the institution before completing all RHSC requirements may not register for other courses, unless they also register for the appropriate deficiency course.

Study Abroad Program

Middle Georgia State University students may participate in study abroad programs sponsored both by colleges and universities in the University System of Georgia and by the European, Africa, and Asia Councils of the University System.

These study abroad programs are designed to offer students an opportunity to experience life in another culture, to see the world and human relationships from a broader, more informed perspective, and to add an international or cross-cultural dimension to their educational experience. Students may choose from a wide variety of available programs for summer, semester, or academic year study. For detailed information regarding the Study Abroad Program refer to: <http://www.mga.edu/international>.

First Year Experience

The freshman seminar course, FYES 1001, is an important component of a student's first year experience at Middle Georgia State University. The course facilitates the student's transition to university life by seeking to develop the enjoyment of a wide variety of services, the self-awareness and understanding of others, the skills to meet the challenges of higher education, and the student's ability to enter into the community of life-long learners. Accordingly, the three overarching objectives of the seminar course are:

- To connect students with other students-i.e., to facilitate student formation of peer-support networks and peer-learning communities;
- To connect students with Middle Georgia State University -i.e., to foster student appreciation of the meaning and relevance of the university curriculum (liberal arts & sciences), to promote student involvement in the co-curriculum (out-of-class experiential learning), and to increase student utilization of campus support services (academic-support and student-development services); and
- To connect students' present university experience with their future goals/plans-i.e., to enable students to integrate their current curricular and co-curricular experiences with their decisions about their university major and their future career path.

Academic Recognition

President's List

A student who earns a semester grade point average of 3.80 or above on an academic load of at least twelve semester hours will be placed on the President's List for the following semester provided the student has a cumulative institutional academic grade point average of 3.00 or higher and no outstanding "I" grades for the semester. Students must have satisfied all Learning Support requirements to be eligible for the President's List. Courses numbered below 1000 do not apply toward credit hours or grades required.

Dean's List

A student who earns a semester grade point average of 3.50 or above on an academic load of at least twelve semester hours will be placed on the Dean's List for the following semester provided the student has a cumulative institutional academic grade point average of 2.50 or higher and no outstanding "I" grades for the semester. Students must have satisfied all Learning Support requirements to be eligible for the Dean's List. Courses numbered below 1000 do not apply toward credit hours or grades required.

Graduation with Honors

Scholastic recognition at graduation will be given to baccalaureate students who complete at least 50% of course work at Middle Georgia State University and who earn a cumulative institutional GPA of at least 3.50. Credit by examination, credit by validation, CLEP credit, AP credit, and courses specifically excluded by University policy cannot be used to meet the required hours for graduation with honors. The specific award, based on the Middle Georgia State University cumulative grade point average will be one of the following:

Award	Grade Point Average
Cum Laude	3.50-3.69
Magna Cum Laude	3.70-3.89
Summa Cum Laude	3.90-4.00

President's Scholar

This designation is the highest honor given to a graduating senior at the institution. The student chosen must have an exceptional academic record at Middle Georgia State, must be involved in campus and/or community activities and must demonstrate characteristics indicating the promise of a very successful future.

President's List Scholar

A student is designated a *President's List Scholar* if he or she completes the associate's degree or bachelor's degree with an overall grade point average of 3.80 - 4.00. The *President's List Scholar* is graduated with honors.

Dean's List Scholar

A student is designated a *Dean's List Scholar* if he or she completes the associate's degree or bachelor's degree with an overall grade point average of 3.50 - 3.79. The *Dean's List Scholar* is graduated with honors.

Honors Program and Honors Discipline Graduates

Eligible Honors students enrolled in an associate or bachelor degree program can exercise one of the following options to meet the requirements for graduation with Honors Program Distinction:

Associate Level Honors Program Graduate

An associate degree student who completes four Honors Program courses in four subject areas with a grade of A or B in each and has an overall grade point average of at least 3.50 is designated an Honors Program Graduate.

Baccalaureate Level Honors Program Graduate

A bachelor degree student who completes eight Honors Program courses in four subject areas with a grade of A or B in each and has an overall grade point average of at least 3.50 is designated an Honors Program Graduate.

Honors Discipline Graduate

A bachelor degree student who completes four upper-level Honors Program courses in a specific program of study with a grade of A or B in each and has an overall grade point average of at least 3.50 is designated an Honors Discipline Graduate.

All Honors Program and Discipline graduates are accorded the privilege of wearing an Honors Program medallion at the graduation ceremony. The designation "Honors Program Graduate" or "Honors Discipline Graduate" will be placed on the permanent academic record.

Graduation

Degree Requirements

Middle Georgia State University sponsors commencement exercises at the end of the fall and spring semesters each year. Students should complete an application for degree in the Registrar's Office at least two semesters before their expected graduation term. Certificate-seeking students should complete an application for the certificate at least one semester before their expected graduation term. All students must complete the application no later than the dates outlined below.

Summer graduates	Jul 15
Fall graduates	October 15
Spring graduates	March 15

In order to participate in the commencement ceremony, students must have completed all degree requirements in the preceding summer or fall to participate in their eligible fall ceremony. Spring graduates must be "on track" to complete degree requirements during the current spring semester to participate in their eligible spring ceremony. A student who files an application to graduate in the spring term after the published deadline of March 15 may not participate in the spring commencement ceremony. If the spring degree application is filed by March 31, however, and all degree requirements are met by the end of the semester, the student's degree information will be posted on the academic transcript and a diploma will be provided. Spring semester degree applications received between March 16 and March 31 will be held for review until after spring semester grades have been fully processed. Spring semester degree applications will not be accepted after March 31.

To graduate at the end of the summer term, the application for degree must be on file in the Registrar's Office by July 15. To graduate at the end of the fall term, the application must be on file by October 15. Please note that while these deadlines represent the last opportunity to apply for a degree in the term specified, it is strongly recommended that students apply two semesters in advance of the expected graduation term in order to have adequate time to meet all degree requirements. Failure to complete the degree application at least two semesters in advance may prevent graduation in the anticipated term. Students who do not complete the degree application until the published application deadline may not be able in that term of enrollment to resolve deficiencies discovered in the degree audit.

A fee of \$35.00 must be paid in the Business Office at the time of application. After the application is accepted and has been approved, it becomes the student's official degree program. Students who do not complete degree requirements at the end of the semester designated on their application for degree must file a new application for degree if they expect to complete degree requirements during a subsequent semester. When participating in the graduation ceremony, students may only wear regalia representing Middle Georgia State University distinctions and/or recognized student organizations.

Choice of Catalog

A student must either 1) meet graduation requirements using the catalog in effect at the time the student entered Middle Georgia State University, provided the catalog is not more than five years old as of the semester the student plans to graduate, OR 2) meet graduation requirements using the catalog in effect during the semester the student plans to graduate.

Grade Point Average

Applicants must present a graduation GPA of at least 2.00 on all courses used to meet graduation requirements and a minimum institutional GPA of 2.00.

Graduation Honors

See Academic Recognition.

Residency Requirements

Certificates

Students applying to earn a certificate with 21 credit hours or less are required to earn all credits from Middle Georgia State University. Students applying to earn a certificate with 22 credit hours or more are required to earn a minimum of 25% of the credit hours for the certificate at Middle Georgia State University.

Associate's Degrees

Students seeking an associate's degree from Middle Georgia State University are required to earn a minimum of 25% of the credit hours required for the degree at the institution. For an associate's degree that requires 60 credit hours, a minimum of 15 credit hours will be required to be completed at Middle Georgia State University. If the associate's degree requires more than 60 credit hours, then additional hours will be required in residence at the University to satisfy the 25% minimum.

Baccalaureate Degrees

Students seeking a bachelor's degree from Middle Georgia State University are required to earn a minimum of 25% of the credit

hours required for the degree at the institution. For a bachelor's degree that requires 120 credit hours, a minimum of 30 credit hours will be required to be completed at Middle Georgia State University. If the bachelor's degree requires more than 120 credit hours, then additional hours will be required in residence at the University to satisfy the 25% minimum.

Credit earned by examination cannot be applied to or included in the residency requirement for the certificate, associate degrees, or the baccalaureate degrees.

Military Waiver Statement

Middle Georgia State University is military friendly to active duty service members. Academic residency is limited to no more than 25% of the degree requirements for all undergraduate degrees for active-duty service members. Academic residency can be completed at any time while active-duty service members are enrolled. Reservists and National Guardsmen on active-duty are covered in the same manner.

Semester Hour Requirement

Associate's Degrees

Applicants must complete a minimum of sixty (60) semester hours including the core curriculum and major requirements.

Baccalaureate Degrees

Applicants must complete a minimum of one hundred and twenty (120) semester hours of academic work which must include a minimum of thirty-nine (39) semester hours of upper division courses overall and twenty-one (21) semester hours in the major.

Awarding of Associate's Degrees to Bachelor's Degree-Seeking Students

Any bachelor's degree-seeking student who first fulfills all requirements for an approved associate's degree will automatically be granted the two-year degree, which will be noted on their final transcript. Bachelor's degree-students who wish to walk in graduation upon the granting of the associate's and then again upon the granting of the bachelor's degree must apply and pay for graduation twice.

Approval of Candidates for Graduation

The names of all candidates for degrees are submitted annually for a vote by the Academic Assembly. If the vote is favorable, the President of the University is authorized by the Board of Regents to grant the degrees.

Second Degree

Students who have previously earned or are currently pursuing a degree from an institution regionally accredited by the Commission on Colleges may obtain a second degree at Middle Georgia State University by satisfying all degree requirements as listed in the catalog the semester of application or the semester of graduation. The following additional requirements apply:

Associate Degree

- Meet all Area F requirements for the chosen program of study.
- Earn at least 25% of total semester hours in residence at Middle Georgia State University. If the first associate degree was earned at Middle Georgia State University, the courses used to meet the 25% rule must be distinct from courses used in the first degree.

Baccalaureate Degree

- Complete lower division prerequisite courses (including Area F) required by the degree.
- Complete all upper division major requirements for the degree.
- Earn 30 distinct semester hours (not used for the first degree), including 21 semester hours of required, upper-division, major-related course work in residence at Middle Georgia State University. No elective credit outside of the major can count towards the 21 hours.

Credit via examination cannot be applied towards the residency requirement course work at the associate or baccalaureate level. All students seeking a second degree at Middle Georgia State University must meet Georgia legislative requirements in History and the Constitution.

Other requirements may be applicable at the program level.

eCore Program

eCore (Electronic core-curriculum) allows students the opportunity to complete their first two years of their collegiate careers in an online environment. eCore courses are taught entirely online, except for the occasional proctored exam. eCore courses are designed, developed, taught, and supported by faculty and staff from the University System of Georgia (USG). General information about eCore, Georgia's College Core-Curriculum Online, can be found at <http://ecore.usg.edu/>.

The following steps are required in order to register for eCore courses through Middle Georgia State University:

- You must be a fully admitted student at Middle Georgia State University in order to take eCore classes and may not have CPC deficiencies or Learning Support requirements.
- You must be academically advised by your academic advisor to discuss your program of study and whether eCore courses are appropriate for you to take.
- eCore courses available to students at Middle Georgia State University are listed in the University's class schedule online at <http://www.NewURL>.
- Successfully complete the eCore orientation quiz which is available online at <https://ecore.usg.edu/prospective/orientation/mga/page01.php>.
- Students successfully passing the orientation quiz will receive an email from Middle Georgia State University's eCore advisor requesting the student to confirm the eCore courses you wish to take and to confirm the courses have been approved by your advisor. The eCore advisor will register the student in the eCore courses and send the student a confirmation of course registration.
- The tuition for eCore classes is different from the tuition charged for on-campus courses. Tuition information can be found online at <http://www.maconstate.edu/businessoffice/eTuition.aspx>.

A comprehensive overview of Middle Georgia State University's eCore program is available online at <http://www.mga.edu/distance-learning/eCore.aspx>

Curriculum

Core Curriculum

The University System of Georgia (USG) is a composite of diverse institutions that, in spite of their diversity, require System-wide coherence to facilitate success for transfer students. To achieve these ends, the USG outlines general education learning goals that serve as guides for each institution to develop its own general education learning outcomes. Each institution is required to develop one or more learning outcomes for each learning goal. Instead of presenting the learning goals with descriptions or specific required outcomes, examples of learning outcomes that would fall under each learning goal are provided.

The learning outcomes for Goals A–E developed by institutions must be approved by the Council on General Education. All learning outcomes must be collegiate level, not skills-based, and broadly focused. They must be consistent with the learning goals and with the mission of the USG.

Middle Georgia State University General Education Outcomes are:

- Students will demonstrate a collegiate competency to read critically and communicate ideas in well-developed written forms.
- Students will demonstrate knowledge of quantitative analysis to solve quantitative problems using mathematical functions and concepts, and coherently express solutions in verbal, numerical, graphical or symbolic forms.
- Students will assimilate, analyze and present thoughts and opinions in oral forms.
- Students will effectively interpret and critically analyze texts, works of art, or music.
- Students will be able to solve problems using scientific principles and the scientific method.
- Students will analyze effectively the complexity of human behavior, or how historical, economic, political, social, or spatial relationships develop, persist, or change.

Core Curriculum Requirements for Baccalaureate and Associate Degrees (except Career Associate Degrees)

Area A Credit – Essential Skills: Communication and Quantitative (Credit: 9 hours)

Required English Courses (Credit: 6 hours)

- ENGL 1101 – English Composition I **Credit:** 3 hours
- ENGL 1102 – English Composition II **OR** ENGL 1102H – Honors English Composition II **Credit:** 3 hours

Math Elective (Credit: 3 hours)

Choose one of the following courses:

- MATH 1001 – Quantitative Reasoning **Credit:** 3 hours
- MATH 1101 – Introduction to Mathematical Modeling **Credit:** 3 hours
- MATH 1111 – College Algebra **Credit:** 3 hours
- MATH 1112 – Plane Trigonometry **Credit:** 3 hours
- MATH 1113 – Precalculus **Credit:** 3 hours
- MATH 1113H – Honors Precalculus **Credit:** 3 hours
- MATH 1251 – Calculus I **Credit:** 4 hours

Note: Students must make a C or better in all Area A courses. Courses required for Area A must be completed within students first 30 hours of coursework.

Note: Math, Engineering Technology, Computer Science and Science Majors must take MATH 1112, MATH 1113, or MATH 1251. If students choose to take a four-hour course, then one hour of credit from this course will count in Area F where applicable.

Area B Credit – Institutional Options (Credit: 4 hours)

Choose one of the following courses:

Science and Health

- BIOL 1004 – Perspectives on the Human Body **Credit:** 4 hours
- BIOL 1005 – Perspectives on the Environment **Credit:** 4 hours
- BIOL 1006 – Perspective on Mildews, Mushrooms and Man **Credit:** 4 hours
- HS 1000 – Perspectives on Healthcare Professions **Credit:** 4 hours
- HS 1002 – Perspectives on Death and Dying **Credit:** 4 hours
- HS 1003 – Perspectives on Wellness **Credit:** 4 hours
- HS 1004 – Perspectives on Women’s Health **Credit:** 4 hours
- HS 1005 – Perspectives on Ethics in Health Care **Credit:** 4 hours

Humanities

- ARTS 1013 – Perspectives on Art **Credit:** 4 hours
- COMM 1012 – Perspectives on Persuasion **Credit:** 4 hours
- CRWR 1007 – Perspectives on Imaginative Writing **Credit:** 4 hours
- HIST 1006 – Perspectives on American War **Credit:** 4 hours
- HUMN 1001 – Perspectives on Narrative **Credit:** 4 hours
- HUMN 1001H – Honors Perspectives on Narrative **Credit:** 4 hours
- HUMN 1002 – Perspectives on Society in Film **Credit:** 4 hours
- HUMN 1003 – Perspectives on Humor, Romance, and War **Credit:** 4 hours
- HUMN 1004 – Perspectives on Ethics **Credit:** 4 hours
- HUMN 1005 – Perspectives on Prime-Time TV **Credit:** 4 hours
- HUMN 1009 – Perspectives on Global Cultures **Credit:** 4 hours
- HUMN 1011 – Perspectives on Genre Fiction **Credit:** 4 hours
- MUSC 1006 – Perspectives on Music and Society **Credit:** 4 hours
- THEA 1010 – Perspectives on Theatre **Credit:** 4 hours

Mathematics and Technology

- ITEC 1001 – Perspectives on the History of Computing **Credit:** 4 hours
- MATH 1002 – Perspectives on the History of Mathematics **Credit:** 4 hours
- MATH 1003 – Perspectives on Mathematics **Credit:** 4 hours

Social Sciences

- PSYC 1001 – Perspectives on the Human Mind **Credit:** 4 hours

Cultural Diversity

- HUMN 1009 – Perspectives on Global Cultures **Credit:** 4 hours
- SSCI 1003 – Perspectives on Diversity **Credit:** 4 hours
- SSCI 1004 – Perspectives on American Religious Diversity **Credit:** 4 hours
- SSCI 1009 – Perspectives on Global Cultures **Credit:** 4 hours

Area C Credit – Humanities/Fine Arts (Credit: 6 hours)

Literature-based Elective (Credit: 3 hours)

Choose one of the following courses:

- ENGL 2111 – World Literature I **Credit:** 3 hours
- ENGL 2111H – Honors World Literature I **Credit:** 3 hours
- ENGL 2112 – World Literature II **Credit:** 3 hours
- ENGL 2121 – British Literature I **Credit:** 3 hours
- ENGL 2122 – British Literature II **Credit:** 3 hours

- ENGL 2131 – American Literature I **Credit:** 3 hours
- ENGL 2131H – Honors American Literature I **Credit:** 3 hours
- ENGL 2132 – American Literature II **Credit:** 3 hours
- ENGL 2132H – Honors American Literature II **Credit:** 3 hours
- ENGL 2141 – African American Literature I **Credit:** 3 hours
- ENGL 2142 – African American Literature II **Credit:** 3 hours

Area C Elective (Credit: 3 hours)

Choose a second literature-based elective from the courses listed above or choose one of the following courses:

Art

- ARTS 1100 – Art Appreciation **Credit:** 3 hours
- ARTS 2010 – Art History I: Prehistory to Gothic **Credit:** 3 hours
- ARTS 2011 – Art History II: Renaissance to Present **Credit:** 3 hours

Communication

- COMM 1110 – Public Speaking **Credit:** 3 hours

French

- FREN 1002 – Elementary French II **Credit:** 3 hours
- FREN 2001 – Intermediate French I: Language, Culture and Literature **Credit:** 3 hours
- FREN 2002 – Intermediate French II: Language, Culture and Literature **Credit:** 3 hours

German

- GRMN 1002 – Elementary German II **Credit:** 3 hours
- GRMN 2001 – Intermediate German I: Language, Culture, and Literature **Credit:** 3 hours
- GRMN 2002 – Intermediate German II: Language, Culture, and Literature **Credit:** 3 hours

Humanities

- HUMN 2111H – Honors Humanities **Credit:** 3 hours
- HUMN 2151 – Humanities Special Topics **Credit:** 3 hours
- HUMN 2152 – Science, Poetry, and the Imagination **Credit:** 3 hours
- HUMN 2155 – Survey of Humanities I **Credit:** 3 hours
- HUMN 2156 – Survey of Humanities II **Credit:** 3 hours

Music

- MUSC 1100 – Music Appreciation **Credit:** 3 hours

Philosophy

- PHIL 2201 – Survey of Philosophy **Credit:** 3 hours

Spanish

- SPAN 1002 – Elementary Spanish II **Credit:** 3 hours
- SPAN 2001 – Intermediate Spanish I: Language, Culture and Literature **Credit:** 3 hours
- SPAN 2002 – Intermediate Spanish II: Language, Culture and Literature **Credit:** 3 hours
- SPAN 2998 – Intermediate Study Abroad I **Credit:** 3 hours
- SPAN 2999 – Intermediate Study Abroad II **Credit:** 3 hours

Theatre

- THEA 1100 – Theatre Appreciation **Credit:** 3 hours

Area D Credit - Natural Science, Mathematics, and Technology (Credit: 11 hours)

OPTION I: NON-SCIENCE MAJORS

Lab-Science Electives (Credits: 8 hours)

Choose two of the following courses:

Astronomy

- ASTR 1010K – Astronomy of the Solar System **Credit:** 4 hours
- ASTR 1020K – Stellar and Galactic Astronomy **Credit:** 4 hours

Biology

- BIOL 1001K – Introductory Biology I **OR** BIOL 1001K-H – Honors Introductory Biology I **Credit:** 4 hours
- BIOL 1002K – Introductory Biology II **OR** BIOL 1002K-H - Honors Introductory Biology II **Credit:** 4 hours
- BIOL 2107K – Principles of Biology I **Credit:** 4 hours
- BIOL 2108K – Principles of Biology II **Credit:** 4 hours

Chemistry

- CHEM 1151K – Survey of Chemistry I **Credit:** 4 hours
- CHEM 1152K – Survey of Chemistry II **Credit:** 4 hours
- CHEM 1211K – Principles of Chemistry I **Credit:** 4 hours
- CHEM 1212K – Principles of Chemistry II **Credit:** 4 hours

Geology

- GEOL 1125 K – Physical Geology **Credit:** 4 hours
- GEOL 1126 K – Historical Geology **Credit:** 4 hours

Physics

- PHYS1011K – Physical Science I **Credit:** 4 hours
- PHYS 1012K – Physical Science II **Credit:** 4 hours
- PHYS 1111K – Introductory Physics I **Credit:** 4 hours
- PHYS 1112K – Introductory Physics II **Credit:** 4 hours
- PHYS 2211K – Principles of Physics I **Credit:** 4 hours
- PHYS 2212K – Principles of Physics II **Credit:** 4 hours

Note: The two courses selected from the list above do not have to be taken in sequence. However, students need to consult catalog course descriptions regarding restrictions on graduation credit. Students may only take courses for which they have the necessary prerequisites.

Area D Elective (Credit: 3 hours) (Non-Science Majors)

Choose one of the lab-science electives listed above or choose one of the following courses:

Biology

- BIOL 1150 – Field Studies in Biology **Credit:** 3 hours

- BIOL 1160K – Introduction to Fungi **Credit:** 4 hours
- BIOL 1332K – Entomology and Ecosystems **Credit:** 4 hours

Computer Science

- CSCI 1301 – Computer Science I **Credit:** 3 hours

Geology

- GEOL 1130K – Introduction to Georgia Geology **Credit:** 4 hours

Math

- MATH 1112 – Plane Trigonometry **Credit:** 3 hours
- MATH 1113 – Precalculus **Credit:** 3 hours
- MATH 1113H – Honors Precalculus **Credit:** 3 hours
- MATH 1200 – Elementary Statistics **Credit:** 3 hours
- MATH 1200H – Honors Elementary Statistics **Credit:** 3 hours
- MATH 1251 – Calculus I **Credit:** 4 hours
- MATH 1371 – Computing for the Mathematical Sciences **Credit:** 4 hours
- MATH 2120 – Discrete Mathematics **Credit:** 3 hours
- MATH 2252 – Calculus II **Credit:** 4 hours

Science

- SCIE 2152 – Science, Poetry, and the Imagination **Credit:** 3 hours

Note: If students choose to take a four-hour course, then one hour of credit from this course will count in Area F where applicable. Students must have the necessary prerequisite for any course they choose.

OPTION II: SCIENCE MAJORS

Lab-Science Electives (Credits: 8 hours)

Choose an 8 hour sequence from the following sets of classes:

Biology

- BIOL 2107K – Principles of Biology I **Credit:** 4 hours
- BIOL 2108K – Principles of Biology II **Credit:** 4 hours

Chemistry

- CHEM 1211K – Principles of Chemistry I **Credit:** 4 hours
- CHEM 1212K – Principles of Chemistry II **Credit:** 4 hours

Geology

- GEOL 1125 K – Physical Geology **Credit:** 4 hours
- GEOL 1126 K – Historical Geology **Credit:** 4 hours

Physics

- PHYS 1111K – Introductory Physics I **Credit:** 4 hours
- PHYS 1112K – Introductory Physics II **Credit:** 4 hours

OR

- PHYS 2211K – Principles of Physics I **Credit:** 4 hours
- PHYS 2212K – Principles of Physics II **Credit:** 4 hours

Area D Elective Credit: 3 hours (Science Majors)

Choose one of the following courses:

Biology

- BIOL 2107K – Principles of Biology I **Credit:** 4 hours

Chemistry

- CHEM 1211K – Principles of Chemistry I **Credit:** 4 hours
- CHEM 2211K – Organic Chemistry I **Credit:** 4 hours

Computer Science

- CSCI 1301 – Computer Science I **Credit:** 3 hours

Geology

- GEOL 1125 K – Physical Geology **Credit:** 4 hours

Math

- MATH 1200 – Elementary Statistics **Credit:** 3 hours
- MATH 1200H – Honors Elementary Statistics **Credit:** 3 hours
- MATH 1251 – Calculus I **Credit:** 4 hours
- MATH 1371 – Computing for the Mathematical Sciences **Credit:** 4 hours
- MATH 2120 – Discrete Mathematics **Credit:** 3 hours
- MATH 2252 – Calculus II **Credit:** 4 hours

Physics

- PHYS 1111K – Introductory Physics I **Credit:** 4 hours
- PHYS 2211K – Principles of Physics I **Credit:** 4 hours

Note: Students must have the necessary prerequisite for any course they choose. Students cannot take both major and non-major sequences for graduation. If students choose to take a four-hour course, then one hour of credit from this course will count in Area F where applicable.

Area E Credit – Social Sciences (Credit: 12 hours)

American History (Credit: 3 hours)

These courses will satisfy the state requirements in U.S. and Georgia History.

Choose one of the following courses:

- HIST 2111 – United States History to 1865 **Credit:** 3 hours
- HIST 2111H – Honors United States History to 1865 **Credit:** 3 hours
- HIST 2112 – United States History Since 1865 **Credit:** 3 hours
- HIST 2112H – Honors United States History Since 1865 **Credit:** 3 hours

Political Science (Credit: 3 hours)

These courses will satisfy the state requirements in U.S. and Georgia Constitution.

Choose one of the following courses:

- POLS 1101 – American Government **Credit:** 3 hours
- POLS 1101H – Honors American Government **Credit:** 3 hours

Area E Electives (Credit: 6 hours)

Choose two of the following courses:

Anthropology

- ANTH 1102 – Introduction to Anthropology **Credit:** 3 hours

Economics

- ECON 2105 – Principles of Macroeconomics **Credit:** 3 hours
- ECON 2105H – Honors Principles of Macroeconomics **Credit:** 3 hours
- ECON 2106 – Principles of Microeconomics **Credit:** 3 hours
- ECON 2106H – Honors Principles of Microeconomics **Credit:** 3 hours

Geography

- GEOG 1101 – Introduction to Human Geography **Credit:** 3 hours

History

- HIST 1111 – History of World Civilizations to 1650 **Credit:** 3 hours
- HIST 1111H – Honors History of World Civilizations to 1650 **Credit:** 3 hours
- HIST 1112 – History of World Civilizations since 1650 **Credit:** 3 hours
- HIST 1112H – Honors History of World Civilizations since 1650 **Credit:** 3 hours
- HIST 1190 – History of World Religions **Credit:** 3 hours
- HIST 2111 – United States History to 1865 **Credit:** 3 hours
- HIST 2111H – Honors United States History to 1865 **Credit:** 3 hours
- HIST 2112 – United States History Since 1865 **Credit:** 3 hours
- HIST 2112H – Honors United States History Since 1865 **Credit:** 3 hours

Political Science

- POLS 2101 – Introduction to Political Science **Credit:** 3 hours
- POLS 2201 – State and Local Government **Credit:** 3 hours
- POLS 2301 – Introduction to Comparative Politics **Credit:** 3 hours
- POLS 2401 – Introduction to Global Issues **Credit:** 3 hours

Psychology

- PSYC 1101 – Introduction to General Psychology **Credit:** 3 hours
- PSYC 1101H – Honors Introduction to General Psychology **Credit:** 3 hours

Sociology

- SOCI 1101 – Introduction to Sociology **Credit:** 3 hours
- SOCI 1101H – Honors Introduction to Sociology **Credit:** 3 hours
- SOCI 1160 – Introduction to Social Problems **Credit:** 3 hours

Area F Credit – Transfer Pathways, Major Requirements, or Prerequisite Courses for Baccalaureate Majors (Credit: 18 hours)

Student seeking baccalaureate degrees or associate degrees with majors in Art, Music, Modern Language, Political Science, Public Safety, or Financial Technology select 18 hours of course work appropriate to the major field. (See curriculum within each Program description)

Students seeking to follow a transfer pathway program and earn an Associate of Arts, Core Curriculum or Associate of Science, Core Curriculum should consult with an advisor, review advising sheets, or contact the transfer institution for specific course requirements for Area F.

Total Academic Hours: 60

History and Constitution Requirements (State of Georgia Legislative Requirements)

Before being certified as having met all degree requirements, students must satisfy the Georgia legislative requisites of demonstrating proficiency in United States and Georgia history and United States and Georgia Constitutions.

Students must meet the United States and Georgia history requirement in one of the following ways:

- Successfully completing History 2111 or History 2112 at Middle Georgia State University, OR
- Transferring in an equivalent course from a University System institution, which designates that course as fulfilling the history requirement, OR
- Transferring in an equivalent course from a private institution in Georgia, whose catalog specifically indicates that the course satisfies the Georgia legislative history requirement.

Students have satisfied only the United States component of the history requirement under the following circumstances and must still successfully pass an examination on Georgia history:

- Transferring in a United States history course from an out-of-state institution.
- Transferring in a United States history course from a private institution in Georgia whose catalog does not specify that the course meets the requirement.
- Obtaining credit for History 2111 and/or History 2112 through Advanced Placement (AP) or College Level Examination Program (CLEP) exams.

Students may meet the United States and Georgia Constitutions requirement in one of the following ways:

- Successfully completing Political Science 1101 at Middle Georgia State University, OR
- Transferring in an equivalent course from a University System institution, which designates that course as fulfilling the Constitutions requirement, OR
- Transferring in an equivalent course from a private institution in Georgia, whose catalog specifically indicates that the course satisfies the Georgia legislative Constitutions requirement.

Students have satisfied only the United States component of the Constitution requirement under the following circumstances and must still successfully pass an examination on the Georgia Constitution:

- Transferring in an equivalent political science course from an out-of-state institution.
- Transferring in an equivalent political science course from a private institution in Georgia whose catalog does not specify that the course meet the requirement.
- Obtaining credit for Political Science 1101 through Advanced Placement or CLEP exams.

Students needing to take either the Georgia history or the Georgia Constitution exam, or both, should contact the Academic Testing Center at (478) 471-2050 for information about the tests and the test schedule. The Academic Testing Center is located in the Student Life Building.

If a Middle Georgia State University degree program permits students to exempt either the United States history and/or the United States government course(s), students must still satisfy both the United States and the Georgia components of the legislative history requirement and/or legislative constitutions requirement. Students should contact the Academic Testing Center at (478) 471-2050 for information about the tests and the test schedule. The Academic Testing Center is located in the Student Life Building. Students opting to exempt History 2111 or History 2112 will be required to pass a CLEP test and pass the Georgia

History test offered in the Academic Testing Center. Students opting to exempt Political Science 1101 will be required to pass a CLEP test and pass the Georgia Constitution test offered in the Academic Testing Center. Students are limited to two attempts at passing the U.S./Georgia history exams or the U.S./Georgia Constitutions exams. After that, students must enroll in either History 2111 or History 2112 and/or Political Science 1101.

Core Curriculum Requirements for Career Associate Degrees

In compliance with Board of Regents policy, Career associate degrees include a minimum of twenty-one semester credit hours of general education, with at least one course from each of the following areas: the humanities/fine arts, the social/behavioral sciences, and natural sciences/mathematics.

Regents' Requirement

The Regents' Test is no longer a graduation requirement for currently enrolled students and students admitted to Middle Georgia State University. However in order to satisfy the Regent's Requirements for graduation, students must earn a "C" or better in both ENGL 1101 and ENGL 1102.

Programs

Middle Georgia State University meets central Georgia's educational needs by providing baccalaureate degrees, associate degree options, and certificate opportunities.

Middle Georgia State's bachelor's degree programs are concentrated in selected disciplines that enhance the economic and cultural vitality of Central Georgia. With 18 bachelor of science or bachelor of arts programs, Middle Georgia State has something to offer all qualified students looking for a rewarding University experience. Additionally, we also offer two-year associate degrees and certificates that may be completed in one or two semesters.

In a few cases, an Associate of Science (A.S.) or an Associate of Arts (A.A.) degree may satisfy the degree qualifications graduates need to obtain certain jobs. Three of our A.S. degrees can be used by students to begin careers in occupational therapy, nursing, or respiratory therapy. For this reason, these three programs are sometimes referred to as Career Programs or Career Associate Degrees.

College of Arts & Sciences

Dean: Dr. Ron Williams

Associate Dean and Executive Director of Freshman/Sophomore College: Dr. Eric Sun

Associate Dean for Undergraduate Studies: Dr. Debra Matthews

The College of Arts & Sciences offers programs of study leading to bachelor's degrees in the areas of Biology, Mathematics, Psychology, History, Criminal Justice, New Media and Communications, English and Public Service as well as Interdisciplinary Studies. Associate degrees are available in a variety of technical areas. The University also participates in the Regent Engineering Transfer Program with Georgia Tech and Georgia Southern University.

Realizing that a modern college education is grounded in a firm understanding of a diverse set of disciplines, the faculty of the University of Arts & Sciences is committed to providing excellent instruction in both Core Curriculum courses and in upper-level courses leading to the baccalaureate degree.

The College of Arts & Sciences consists of six academic departments:

- Department of English – Chair: Dr. Amy Berke
- Department of History and Political Science – Chair: Dr. Matt Zimmerman
- Department of Mathematics – Interim Chair: Dr. John Trimboli
- Department of Media Culture, & the Arts – Interim Chair: Dr. Robert McTyre
- Department of Natural Sciences – Chair: Dr. Dawn Sherry
- Department of Psychology, Sociology and Criminal Justice – Chair: Dr. David Biek

Administrative offices for the College of Arts & Sciences are located in College of Arts & Sciences Building, the Mathematics Building, the Education and the Charles H. Jones Building.

Department of English

Chair: Dr. Amy Berke

The Department of English at Middle Georgia State University is home to the baccalaureate degree in English, designed in two tracks: the Traditional Track and the Teacher's Certification Track. The department is committed to preparing graduates to be reflective professionals with an exceptionally strong content knowledge in English, a commitment to their chosen profession, a willingness to engage in professional development long after they graduate, and a desire to use their expertise to provide service within diverse communities. The curriculum for the Traditional Track, in addition to preparing students for graduate studies or law school, provides essential preparation for a variety of career paths. In the twenty-first century global job market, where requirements for technical skills change rapidly, employers are finding that liberal arts graduates are highly suited for long-term success in today's economy. Employers increasingly look for skills that the English graduate possesses: the ability to communicate clearly, to solve complex problems, and to think critically. For students who are interested in the teaching profession, the curriculum for the Teacher's Certification Track prepares students to teach at the high school level and addresses the growing need for highly qualified English teachers.

English (B.A.)

The Bachelor of Arts degree in English develops critical thinking, writing, research, and communication skills of students as they explore and investigate the great works of Western literature, as well as world literature and global culture. Students gain an appreciation of the imaginative power of language and the complexity of human thought through a variety of critical lenses. As students engage with literary works, they demonstrate, through written and oral discourse, their ability to think critically, to argue persuasively, and to use research to support ideas. The B.A. in English has two tracks, the Traditional Track and the Teacher's Certification Track. The Traditional Track is an excellent choice for students interested in careers such as editing, publishing, business, the arts, technical and professional writing, advertising, marketing, or public relations. The Teacher's Certification Track is an excellent choice for students seeking preparation to teach English at the high school level.

Notes:

- Progression and Completion requirements for the B.A. in English (Traditional Track): Students must pass English 3010 and English 4900 with a "C" or better.
- Admission, Progress, and Completion requirements for the B.A. in English (Teacher's Certification Track) can be found in the School of Education's catalog listing for Secondary Education Certification Tracks (SECT).
- The Teacher's Certification Track has been approved by the Board of Regents of the University System of Georgia and by the Georgia Professional Standards Commission.

Curriculum for the Bachelor of Arts in English

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

French, German, or Spanish (Credit: 6-9 hours)

- FREN 1002 – Elementary French II **Credit:** 3 hours
- FREN 2001 – Intermediate French I **Credit:** 3 hours
- FREN 2002 – Intermediate French II **Credit:** 3 hours

OR

- GRMN 1002 – Elementary German II **Credit:** 3 hours
- GRMN 2001 – Intermediate German I **Credit:** 3 hours
- GRMN 2002 – Intermediate German II **Credit:** 3 hours

OR

- SPAN 1002 – Elementary Spanish II **Credit:** 3 hours
- SPAN 2001 – Intermediate Spanish I **Credit:** 3 hours
- SPAN 2002 – Intermediate Spanish II **Credit:** 3 hours

Major Electives (6-12 hours)

- Select from CRWR 2105, ENGL 2111, ENGL 2112, ENGL 2121, ENGL 2122, ENGL 2131, ENGL 2131H, ENGL 2132, ENGL 2132H, ENGL 2208, and ENGL 2999, including at least one sequence (example: ENGL 2131 and ENGL 2132).

Note: Students should take at least one world literature, English 2111 or 2112, if not taken in another area.

Choose either English Traditional Track or English with Teacher Certification Track

English Traditional Track (Credit: 60 hours)

Required Field Courses (Credit: 9 hours)

- ENGL 3010 – Introduction to Literary Studies **Credit:** 3 hours
- ENGL 4100 – Shakespeare **Credit:** 3 hours
- ENGL 4900 – Senior Capstone Seminar **Credit:** 3 hours

Select four courses from the following* (Credit: 12 hours)

*At least one course in British and at least one course in American

- ENGL 3100 – Old English Language and Culture **Credit:** 3 hours
- ENGL 3200 – Chaucer **Credit:** 3 hours
- ENGL 3300 – Literature of the English Renaissance **Credit:** 3 hours
- ENGL 3400 – 17th and 18th Century American Poetry and Prose **Credit:** 3 hours
- ENGL 3500 – 19th Century American Poetry and Prose **Credit:** 3 hours
- ENGL 3600 – 20th Century American Poetry and Prose **Credit:** 3 hours
- ENGL 4200 – Milton **Credit:** 3 hours
- ENGL 4300 – 18th Century British Poetry and Prose **Credit:** 3 hours
- ENGL 4400 – 19th Century British Poetry and Prose **Credit:** 3 hours
- ENGL 4500 – 20th Century British Poetry and Prose **Credit:** 3 hours

Select two courses from the following (Credit: 6 hours)

- ENGL 3130 – Studies in Short Fiction **Credit:** 3 hours
- ENGL 3700 – Studies in the Novel **Credit:** 3 hours
- ENGL 3800 – Studies in Poetry **Credit:** 3 hours
- ENGL 3900 – Studies in Modern Drama **Credit:** 3 hours
- NMAC 4481 – Film Analysis **Credit:** 3 hours

Select two courses from the following (Credit: 6 hours)

- ENGL 4150 – Studies in Caribbean Literature **Credit:** 3 hours
- ENGL 4160 – Studies in African Literature **Credit:** 3 hours
- ENGL 4420 – Modern European Literature in Translation **Credit:** 3 hours
- ENGL 4430 – Literature of the Non-Western World **Credit:** 3 hours
- ENGL 4440 – Literature by Women **Credit:** 3 hours
- ENGL 4460 – Southern Literature **Credit:** 3 hours
- ENGL 4470 – Contemporary Literature **Credit:** 3 hours
- ENGL 4490 – African American Literature **Credit:** 3 hours

Select one course from the following (Credit: 3 hours)

- ENGL 3020 – Introduction to Composition Studies **Credit:** 3 hours
- CRWR 3040 – Intermediate Fiction Writing **Credit:** 3 hours
- ENGL 4030 – Advanced Composition **Credit:** 3 hours

Select one course from the following (Credit: 3 hours)

- ENGL 4000 – Rhetoric **Credit:** 3 hours
- ENGL 4020 – Advanced Grammar **Credit:** 3 hours
- ENGL 4600 – History of the English Language **Credit:** 3 hours
- ENGL 4700 – Topics in Literary Theory **Credit:** 3 hours

English Electives - Select four courses from the following (Credit: 12 hours)

- ENGL 3106 – Professional Writing and Communication **Credit:** 3 hours
- ENGL 3110 – Middle English Language and Culture **Credit:** 3 hours
- ENGL 3120 – Myth and Folklore for Literary Studies **Credit:** 3 hours
- ENGL 3140 – American Realism and Naturalism **Credit:** 3 hours
- ENGL 3990 – On-Campus Internship **OR** ENGL 3991 – Off-Campus Internship **Credit:** 3 hours
- ENGL 3999 – Special Topics **Credit:** 3 hours
- ENGL 4106 – Technical Writing in the Digital Age **Credit:** 3 hours
- ENGL 4130 – Seventeenth Century British Poetry and Poetics **Credit:** 3 hours
- ENGL 4405 – English Romanticism **Credit:** 3 hours
- ENGL 4410 – Literature for the Adolescent **Credit:** 3 hours

- ENGL 4415 – Major Authors Seminar **Credit:** 3 hours
- ENGL 4450 – Literature of the Harlem Renaissance **Credit:** 3 hours

Related Field Electives - Select three courses from the following (Credit: 9 hours)

- Any French course(s) at the 3000-level
- Any history course(s) at the 3000-level
- Any Spanish course(s) at the 3000-level
- HUMN 3010 – Introduction to Cultural Studies **Credit:** 3 hours
- CRWR 3050 – Intermediate Poetry Writing **Credit:** 3 hours
- NMAC 3108 – Writing for Digital Media **Credit:** 3 hours
- NMAC 3145 – Digital Media Studio **Credit:** 3 hours
- HUMN 3206 – Gender Studies **Credit:** 3 hours
- NMAC 3460 – Media Criticism **Credit:** 3 hours
- NMAC 3600 – Digital Storytelling **Credit:** 3 hours
- HUMN 3999 – Special Topics **Credit:** 3 hours
- IDS 4040 – Fashion, Literature, and Culture **Credit:** 3 hours
- IDS 4050 – Performance, Literature, and Culture **Credit:** 3 hours
- HUMN 4471 – Comparative Cultures **Credit:** 3 hours
- HUMN 4472 – Studies in Culture **Credit:** 3 hours
- HUMN 4480 – History of Print **Credit:** 3 hours
- HUMN 4482 – Popular Culture **Credit:** 3 hours

Total Hours: 120

English with Teacher Certification Track (Credit: 66 hours)

Major Field Courses (Credit: 33 hours)

- ENGL 3010 – Introduction to Literary Studies **Credit:** 3 hours
- ENGL 3020 – Introduction to Composition Studies **Credit:** 3 hours
- ENGL 4100 – Shakespeare **Credit:** 3 hours
- ENGL 4430 – Literature of the Non-Western World **Credit:** 3 hours
- NMAC 4481 – Film Analysis **Credit:** 3 hours

Select two courses (one British, one American) from the following (Credit: 6 hours)

If one course is taken in Area F, one approved upper division major field course is to be substituted.

- ENGL 2121 – British Literature I **Credit:** 3 hours
- ENGL 2122 – British Literature II **Credit:** 3 hours
- ENGL 2131 – American Literature I **Credit:** 3 hours
- ENGL 2132 – American Literature II **Credit:** 3 hours

Select one course from the following (Credit: 3 hours)

- ENGL 4020 – Advanced Grammar **Credit:** 3 hours
- ENGL 4600 – History of the English Language **Credit:** 3 hours

Select three courses from the following (Credit: 9 hours)

Must not be exclusively British or American.

- ENGL 3100 – Old English Language and Culture **Credit:** 3 hours
- ENGL 3200 – Chaucer **Credit:** 3 hours
- ENGL 3300 – Literature of the English Renaissance **Credit:** 3 hours
- ENGL 3400 – 17th and 18th Century American Poetry and Prose **Credit:** 3 hours
- ENGL 3500 – 19th Century American Poetry and Prose **Credit:** 3 hours
- ENGL 3600 – 20th Century American Poetry and Prose **Credit:** 3 hours
- ENGL 4200 – Milton **Credit:** 3 hours
- ENGL 4300 – 18th Century British Poetry and Prose **Credit:** 3 hours
- ENGL 4400 – 19th Century British Poetry and Prose **Credit:** 3 hours
- ENGL 4440 – Literature By Women **Credit:** 3 hours
- ENGL 4460 – Southern Literature **Credit:** 3 hours
- ENGL 4490 – African American Literature **Credit:** 3 hours

- ENGL 4500 – 20th Century British Poetry and Prose **Credit:** 3 hours

Teacher Education Courses (Credit: 33 hours)

Students must be admitted to the Secondary Education Certification Track before taking upper division education courses.

- EDUC 2110 – Investigating Critical and Contemporary Issues in Education **Credit:** 3 hours
- EDUC 2120 – Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts **Credit:** 3 hours
- EDUC 2130 – Exploring Learning and Teaching **Credit:** 3 hours
- EDUC 3401 – Explorations into Teaching: A Room With A View **Credit:** 1 hour
- EDUC 3402 – Making Classroom Connections **Credit:** 2 hours
- EDUC 3550 – Assessment for Learning **Credit:** 3 hours
- EDUC 3802 – Teaching and Learning in Secondary English Environments **Credit:** 4 hours
- EDUC 4803 – Internship in Secondary School English **Credit:** 3 hours
- EDUC 4804 – Student Teaching in Secondary School English **Credit:** 8 hours
- SPED 3110 – Introduction to the Exceptional Learner **Credit:** 3 hours

Total Hours: 126

Department of History and Political Science

Chair: Dr. Matthew Zimmerman

The Department of History and Political Science mentors students pursuing studies in history and political science at the associate and baccalaureate degree levels. The history and political science programs at Middle Georgia State University prepare students to meet the growing demand for research and analytical skills in Central Georgia and beyond.

The Bachelor of Arts in History offers two tracks: traditional and history education. The traditional track is aimed at students interested in careers in the arts, law, government and community service, historical interpretation and museum work, as well as graduate study, while the history education track prepares students to teach history at the high-school level. Both tracks include significant study in historical research methodology as well as both U.S. and World history.

The Associate of Arts in History and the Associate of Science in Political Science are designed to facilitate transfer to other institutions within the University System of Georgia and beyond. Both associate degree programs fulfill the University System's core curriculum. Some courses for both programs are available online.

Baccalaureate Degree in History

The Bachelor of Arts Degree in History has two tracks - History track and History Education track.

The traditional history track is aimed at students interested in careers in the arts, law, government and community service, historical interpretation and curatorship, as well as graduate education. Students in the traditional history track undertake a program of study that provides them with the skills, knowledge and training necessary to be effective in the 21st century workforce.

The history education track prepares students to teach history at the high-school level. According to the Georgia Professional Standards Commission, the social sciences, which includes history, was the state's third highest teacher-shortage area in fiscal 2005. The history education track offers Central Georgia's prospective teachers a combination of content knowledge and pedagogical expertise to address the need for well-qualified history teachers in the region's high schools.

History (B.A.)

History majors learn to analyze and draw objective conclusions. While history is the study and interpretation of past events, the research and analytical skills learned in history courses are applicable in nearly every field of professional endeavor.

Traditionally, history majors have also been employed in historical site interpretation, research, historic preservation, or archival and museum work. Many history majors also find careers in the electronic and print media, politics, government service, non-profit organizations, and lobbying, among other areas. In addition to developing an understanding of history, a history degree builds and enhances required academic skills for successful completion of graduate study or law school, making the traditional history track a preferred pre-law major. In addition to the traditional history track, Middle Georgia State University offers a track aimed at preparing students to teach history at the secondary education level.

Students are not permitted to use courses in which a grade of D was earned to satisfy requirements specific to the history program.

Curriculum for the Bachelor of Arts in History

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

- HIST 1111 – History of World Civilizations to 1650 **Credit:** 3 hours
- HIST 1112 – History of World Civilizations Since 1650 **Credit:** 3 hours
- HIST 2112 – United States History Since 1865 **Credit:** 3 hours
- Foreign (Modern) Language **Credit:** 3 - 6 hours
Note: All history majors must take a six-hour sequence of a single foreign (modern) language at the freshman-sophomore level. These can be taken in Areas C or F. Majors are encouraged to take at least three hours outside of Area F.
- Area F Electives **Credit:** 3-6 hours
Choose from the following: ANTH 1102, ECON 2105, ECON 2106, GEOG 1101, HIST 2280, MATH 1200, PHIL 2201, POLS 2101, POLS 2201, POLS 2301, POLS 2401, POLS 2501, PSYC 1101, PSYC 2103, SOCI 1101, or SOCI 1160.

Choose either Traditional History Track or History with Teacher Certification Track

Traditional History Track (Credit: 60 hours)

Historical Methods Course (Credit: 3 hours)

- HIST 3000 - Historical Methods Credit: 3 hours

Select four U.S. History courses numbered 3000 or higher (Credit: 12 hours)

- HIST 3700 – History of American Foreign Relations **Credit: 3 hours**
- HIST 3710 – Colonial America **Credit: 3 hours**
- HIST 3720 – Revolutionary America **Credit: 3 hours**
- HIST 3730 – America, 1815-1848 **Credit: 3 hours**
- HIST 3750 – The Civil War and Reconstruction **Credit: 3 hours**
- HIST 3760 – United States History 1877-1917 **Credit: 3 hours**
- HIST 3770 – United States History 1917-1960 **Credit: 3 hours**
- HIST 3790 – United States History Since 1960 **Credit: 3 hours**
- HIST 3901 – Early African American History **Credit: 3 hours**
- HIST 3902 – Modern African American History **Credit: 3 hours**
- HIST 3930 – History of Georgia **Credit: 3 hours**
- HIST 4011 – Long Age of Revolutions **Credit: 3 hours**
- HIST 4700 – Multicultural America **Credit: 3 hours**
- HIST 4710 – Religion and Politics in American History **Credit: 3 hours**
- HIST 4720 – History of Religion in America **Credit: 3 hours**
- HIST 4740 – American Environmental History **Credit: 3 hours**
- HIST 4760 – Gender, Marriage and Family in American History **Credit: 3 hours**
- HIST 4777 – Early Native America **Credit: 3 hours**
- HIST 4778 – Modern Native America **Credit: 3 hours**
- HIST 4820 – The Old South **Credit: 3 hours**
- HIST 4821 – The New South **Credit: 3 hours**

Select six non-U.S. History courses numbered 3000 or higher (Credit: 18 hours)

- HIST 3050 – The Ancient Mediterranean **Credit: 3 hours**
- HIST 3100 – History of Latin America **Credit: 3 hours**
- HIST 3150 – History of Africa to 1875 **Credit: 3 hours**
- HIST 3151 – History of Africa since 1875 **Credit: 3 hours**
- HIST 3230 – History of the Middle East **Credit: 3 hours**
- HIST 3440 – Europe in the Middle Ages **Credit: 3 hours**
- HIST 3460 – Church, State and Society in the Renaissance and Reformation **Credit: 3 hours**
- HIST 3470 – The Age of Enlightenment **Credit: 3 hours**
- HIST 3480 – Europe in the Nineteenth Century **Credit: 3 hours**
- HIST 3490 – Europe in the Twentieth Century **Credit: 3 hours**
- HIST 3510 – Britain to 1688 **Credit: 3 hours**
- HIST 3511 – Great Britain since 1688 **Credit: 3 hours**
- HIST 4010 – The Atlantic World **Credit: 3 hours**
- HIST 4011 – Long Age of Revolutions **Credit: 3 hours**
- HIST 4020 – Technology, Environment and Empire **Credit: 3 hours**
- HIST 4030 – European Colonization **Credit: 3 hours**
- HIST 4040 – Humans and Their Environment Since 1945 **Credit: 3 hours**
- HIST 4220 – History of Japan **Credit: 3 hours**
- HIST 4290 – Modern Russia **Credit: 3 hours**
- HIST 4320 – France 1660-1815 **Credit: 3 hours**
- HIST 4330 – Modern Germany **Credit: 3 hours**
- HIST 4336 – The Holocaust **Credit: 3 hours**
- HIST 4360 – Modern East Central Europe **Credit: 3 hours**

Select four additional History courses numbered 3000 or higher (Credit: 12 hours)

- HIST 3050 – The Ancient Mediterranean **Credit:** 3 hours
- HIST 3100 – History of Latin America **Credit:** 3 hours
- HIST 3150 – History of Africa to 1875 **Credit:** 3 hours
- HIST 3151 – History of Africa since 1875 **Credit:** 3 hours
- HIST 3200 – Traditional China **Credit:** 3 hours
- HIST 3210 – Modern China **Credit:** 3 hours
- HIST 3230 – History of the Middle East **Credit:** 3 hours
- HIST 3440 – Europe in the Middle Ages **Credit:** 3 hours
- HIST 3460 – Church, State and Society in the Renaissance and Reformation **Credit:** 3 hours
- HIST 3470 – The Age of Enlightenment **Credit:** 3 hours
- HIST 3480 – Europe in the Nineteenth Century **Credit:** 3 hours
- HIST 3490 – Europe in the Twentieth Century **Credit:** 3 hours
- HIST 3510 – Britain to 1688 **Credit:** 3 hours
- HIST 3511 – Great Britain since 1688 **Credit:** 3 hours
- HIST 3700 – History of American Foreign Relations **Credit:** 3 hours
- HIST 3710 – Colonial America **Credit:** 3 hours
- HIST 3720 – Revolutionary America **Credit:** 3 hours
- HIST 3730 – America, 1815-1848 **Credit:** 3 hours
- HIST 3750 – The Civil War and Reconstruction **Credit:** 3 hours
- HIST 3760 – United States History 1877-1917 **Credit:** 3 hours
- HIST 3770 – United States History 1917-1960 **Credit:** 3 hours
- HIST 3790 – United States History Since 1960 **Credit:** 3 hours
- HIST 3901 – Early African American History **Credit:** 3 hours
- HIST 3902 – Modern African American History **Credit:** 3 hours
- HIST 3930 – History of Georgia **Credit:** 3 hours
- HIST 3999 – Special Topics in History **Credit:** 3 hours
- HIST 4010 – The Atlantic World **Credit:** 3 hours
- HIST 4011 – Long Age of Revolutions **Credit:** 3 hours
- HIST 4020 – Technology, Environment and Empire **Credit:** 3 hours
- HIST 4030 – European Colonization **Credit:** 3 hours
- HIST 4040 – Humans and Their Environment Since 1945 **Credit:** 3 hours
- HIST 4220 – History of Japan **Credit:** 3 hours
- HIST 4290 – Modern Russia **Credit:** 3 hours
- HIST 4320 – France 1660-1815 **Credit:** 3 hours
- HIST 4330 – Modern Germany **Credit:** 3 hours
- HIST 4336 – The Holocaust **Credit:** 3 hours
- HIST 4360 – Modern East Central Europe **Credit:** 3 hours
- HIST 4700 – Multicultural America **Credit:** 3 hours
- HIST 4710 – Religion and Politics in American History **Credit:** 3 hours
- HIST 4720 – History of Religion in America **Credit:** 3 hours
- HIST 4740 – American Environmental History **Credit:** 3 hours
- HIST 4760 – Gender, Marriage and Family in American History **Credit:** 3 hours
- HIST 4777 – Early Native America **Credit:** 3 hours
- HIST 4778 – Modern Native America **Credit:** 3 hours
- HIST 4820 – The Old South **Credit:** 3 hours
- HIST 4821 – The New South **Credit:** 3 hours
- HIST 4895 – History Internship **Credit:** 3 hours
- HIST 4898 – Research Practicum I **Credit:** 3 hours
- HIST 4899 – Research Practicum II **Credit:** 3 hours

Select one Research Seminar course from the following (Credit: 3 hours)

- HIST 4900 – Research Seminar in Non-Western History **Credit:** 3 hours
- HIST 4910 – Research Seminar in Russian History **Credit:** 3 hours
- HIST 4920 – Research Seminar in European History **Credit:** 3 hours
- HIST 4930 – Research Seminar in American History **Credit:** 3 hours

Major Electives - Choose from the following (Credit: 12 hours)

- COMM 1110 – Public Speaking **Credit:** 3 hours
- COMM 3010 – Communication Theory **Credit:** 3 hours
- ECON 2105 – Principles of Macroeconomics **Credit:** 3 hours
- ECON 2105H – Honors Principles of Macroeconomics **Credit:** 3 hours
- ECON 2106 – Principles of Microeconomics **Credit:** 3 hours
- ECON 2106H – Honors Principles of Microeconomics **Credit:** 3 hours
- ECON 3175 – International Economics **Credit:** 3 hours
- ENGL 3010 – Introduction to Literary Studies **Credit:** 3 hours
- ENGL 3100 – Old English Language and Culture **Credit:** 3 hours
- ENGL 3200 – Chaucer **Credit:** 3 hours
- HUMN 3206 – Gender Studies **Credit:** 3 hours
- ENGL 3300 – Literature of the English Renaissance **Credit:** 3 hours
- ENGL 3400 – 17th and 18th Century American Poetry and Prose **Credit:** 3 hours
- ENGL 3500 – 19th Century American Poetry and Prose **Credit:** 3 hours
- ENGL 3600 – 20th Century American Poetry and Prose **Credit:** 3 hours
- ENGL 3700 – Studies in the Novel **Credit:** 3 hours
- ENGL 3800 – Studies in Poetry **Credit:** 3 hours
- ENGL 3900 – Studies in Modern Drama **Credit:** 3 hours
- ENGL 3999 – Special Topics **Credit:** 3 hours
- ENGL 4000 – Rhetoric **Credit:** 3 hours
- ENGL 4100 – Shakespeare **Credit:** 3 hours
- ENGL 4200 – Milton **Credit:** 3 hours
- ENGL 4300 – 18th Century British Poetry and Prose **Credit:** 3 hours
- ENGL 4400 – 19th Century British Poetry and Prose **Credit:** 3 hours
- ENGL 4420 – Modern European Literature in Translation **Credit:** 3 hours
- ENGL 4430 – Literature of the Non-Western World **Credit:** 3 hours
- ENGL 4440 – Literature By Women **Credit:** 3 hours
- ENGL 4460 – Southern Literature **Credit:** 3 hours
- ENGL 4470 – Contemporary Literature **Credit:** 3 hours
- HUMN 4480 – History of Print **Credit:** 3 hours
- NMAC 4481 – Film Analysis **Credit:** 3 hours
- HUMN 4482 – Popular Culture **Credit:** 3 hours
- ENGL 4490 – African American Literature **Credit:** 3 hours
- ENGL 4500 – 20th Century British Poetry and Prose **Credit:** 3 hours
- ENGL 4600 – History of the English Language **Credit:** 3 hours
- ENGL 4700 – Topics in Literary Theory **Credit:** 3 hours
- FREN 2001 – Intermediate French I **Credit:** 3 hours
- FREN 2002 – Intermediate French II **Credit:** 3 hours
- FREN 2999 – Special Topics Study Abroad **Credit:** 3-6 hours
- FREN 3001 – Grammar and Composition **Credit:** 3 hours
- FREN 3002 – Language and Francophone Culture **Credit:** 3 hours
- FREN 3003 – Conversation I **Credit:** 3 hours
- FREN 3999 – Special Topics Study Abroad **Credit:** 3-6 hours
- HIST 3050 – The Ancient Mediterranean **Credit:** 3 hours
- HIST 3100 – History of Latin America **Credit:** 3 hours
- HIST 3150 – History of Africa to 1875 **Credit:** 3 hours
- HIST 3151 – History of Africa since 1875 **Credit:** 3 hours

- HIST 3200 – Traditional China **Credit:** 3 hours
- HIST 3210 – Modern China **Credit:** 3 hours
- HIST 3230 – History of the Middle East **Credit:** 3 hours
- HIST 3440 – Europe in the Middle Ages **Credit:** 3 hours
- HIST 3460 – Church, State and Society in the Renaissance and Reformation **Credit:** 3 hours
- HIST 3470 – The Age of Enlightenment **Credit:** 3 hours
- HIST 3480 – Europe in the Nineteenth Century **Credit:** 3 hours
- HIST 3490 – Europe in the Twentieth Century **Credit:** 3 hours
- HIST 3510 – Britain to 1688 **Credit:** 3 hours
- HIST 3511 – Great Britain since 1688 **Credit:** 3 hours
- HIST 3700 – History of American Foreign Relations **Credit:** 3 hours
- HIST 3710 – Colonial America **Credit:** 3 hours
- HIST 3730 – America, 1815-1848 **Credit:** 3 hours
- HIST 3750 – The Civil War and Reconstruction **Credit:** 3 hours
- HIST 3760 – United States History 1877-1917 **Credit:** 3 hours
- HIST 3770 – United States History 1917-1960 **Credit:** 3 hours
- HIST 3790 – United States History Since 1960 **Credit:** 3 hours
- HIST 3930 – History of Georgia **Credit:** 3 hours
- HIST 3999 – Special Topics in History **Credit:** 3 hours
- HIST 4010 – The Atlantic World **Credit:** 3 hours
- HIST 4011 – Long Age of Revolutions **Credit:** 3 hours
- HIST 4020 – Technology, Environment and Empire **Credit:** 3 hours
- HIST 4030 – European Colonization **Credit:** 3 hours
- HIST 4040 – Humans and Their Environment Since 1945 **Credit:** 3 hours
- HIST 4220 – History of Japan **Credit:** 3 hours
- HIST 4290 – Modern Russia **Credit:** 3 hours
- HIST 4320 – France 1660-1815 **Credit:** 3 hours
- HIST 4330 – Modern Germany **Credit:** 3 hours
- HIST 4336 – The Holocaust **Credit:** 3 hours
- HIST 4360 – Modern East Central Europe **Credit:** 3 hours
- HIST 4700 – Multicultural America **Credit:** 3 hours
- HIST 4710 – Religion and Politics in American History **Credit:** 3 hours
- HIST 4720 – History of Religion in America **Credit:** 3 hours
- HIST 4740 – American Environmental History **Credit:** 3 hours
- HIST 4760 – Gender, Marriage and Family in American History **Credit:** 3 hours
- HIST 4777 – Early Native America **Credit:** 3 hours
- HIST 4778 – Modern Native America **Credit:** 3 hours
- HIST 4820 – The Old South **Credit:** 3 hours
- HIST 4821 – The New South **Credit:** 3 hours
- HIST 4895 – History Internship **Credit:** 3 hours
- HIST 4898 – Research Practicum I **Credit:** 3 hours
- HIST 4899 – Research Practicum II **Credit:** 3 hours
- HUMN 3010 – Introduction to Cultural Studies **Credit:** 3 hours
- HUMN 4471 – Comparative Cultures **Credit:** 3 hours
- HUMN 4472 – Studies in Culture **Credit:** 3 hours
- POLS 3045 – Political Behavior **Credit:** 3 hours
- POLS 2101 – Introduction to Political Science **Credit:** 3 hours
- POLS 2201 – State and Local Government **Credit:** 3 hours
- POLS 2301 – Introduction to Comparative Politics **Credit:** 3 hours
- POLS 2301H – Honors Introduction to Comparative Politics **Credit:** 3 hours
- POLS 2401 – Introduction to Global Issues **Credit:** 3 hours
- POLS 2501 – Introduction to Domestic Issues **Credit:** 3 hours
- POLS 2601 – Introduction to Public Administration **Credit:** 3 hours

- POLS 3050 – American Constitutional Law **Credit:** 3 hours
- POLS 3055 – Parties and Elections **Credit:** 3 hours
- POLS 3070 – Urban Politics **Credit:** 3 hours
- POLS 3075 – Interest Groups **Credit:** 3 hours
- POLS 3080 – Urban Issues in State and Local Government **Credit:** 3 hours
- POLS 3085 – Minority Politics **Credit:** 3 hours
- POLS 3101 – Scope and Methods of Political Science **Credit:** 3 hours
- POLS 3201 – State and Local Government **Credit:** 3 hours
- POLS 3301 – Urban Government **Credit:** 3 hours
- POLS 3320 – Metropolitan Government and Planning **Credit:** 3 hours
- POLS 3701 – International Relations **Credit:** 3 hours
- POLS 3999 – Advanced Topics in Political Science **Credit:** 3 hours

Total Hours: 120

History with Teacher Certification Track (Credit: 66 hours)

Required courses (Credit: 15 hours)

- HIST 3000 – Historical Methods **Credit:** 3 hours
- HIST 3930 – History of Georgia **Credit:** 3 hours
- HIST 4010 – The Atlantic World **Credit:** 3 hours
- HIST 4020 – Technology, Environment and Empire **Credit:** 3 hours
- HIST 4700 – Multicultural America **Credit:** 3 hours

Select two U.S. History courses numbered 3000 or higher (Credit: 6 hours)

- HIST 3700 – History of American Foreign Relations **Credit:** 3 hours
- HIST 3710 – Colonial America **Credit:** 3 hours
- HIST 3720 – Revolutionary America **Credit:** 3 hours
- HIST 3730 – America, 1815-1848 **Credit:** 3 hours
- HIST 3750 – The Civil War and Reconstruction **Credit:** 3 hours
- HIST 3760 – United States History 1877-1917 **Credit:** 3 hours
- HIST 3770 – United States History 1917-1960 **Credit:** 3 hours
- HIST 3790 – United States History Since 1960 **Credit:** 3 hours
- HIST 3901 – Early African American History **Credit:** 3 hours
- HIST 3902 – Modern African American History **Credit:** 3 hours
- HIST 4011 – Long Age of Revolutions **Credit:** 3 hours
- HIST 4710 – Religion and Politics in American History **Credit:** 3 hours
- HIST 4720 – History of Religion in America **Credit:** 3 hours
- HIST 4740 – American Environmental History **Credit:** 3 hours
- HIST 4760 – Gender, Marriage and Family in American History **Credit:** 3 hours
- HIST 4777 – Early Native America **Credit:** 3 hours
- HIST 4778 – Modern Native America **Credit:** 3 hours
- HIST 4820 – The Old South **Credit:** 3 hours
- HIST 4821 – The New South **Credit:** 3 hours

Select two non-U.S. History courses numbered 3000 or higher (Credit: 6 hours)

- HIST 3050 – The Ancient Mediterranean **Credit:** 3 hours
- HIST 3100 – History of Latin America **Credit:** 3 hours
- HIST 3150 – History of Africa to 1875 **Credit:** 3 hours
- HIST 3151 – History of Africa since 1875 **Credit:** 3 hours
- HIST 3200 – Traditional China **Credit:** 3 hours
- HIST 3210 – Modern China **Credit:** 3 hours
- HIST 3230 – History of the Middle East **Credit:** 3 hours
- HIST 3440 – Europe in the Middle Ages **Credit:** 3 hours
- HIST 3460 – Church, State and Society in the Renaissance and Reformation **Credit:** 3 hours
- HIST 3480 – Europe in the Nineteenth Century **Credit:** 3 hours

- HIST 3490 – Europe in the Twentieth Century **Credit:** 3 hours
- HIST 4030 – European Colonization **Credit:** 3 hours
- HIST 4040 – Humans and Their Environment Since 1945 **Credit:** 3 hours
- HIST 4290 – Modern Russia **Credit:** 3 hours
- HIST 4320 – France 1660-1815 **Credit:** 3 hours
- HIST 4330 – Modern Germany **Credit:** 3 hours
- HIST 4336 – The Holocaust **Credit:** 3 hours
- HIST 4360 – Modern East Central Europe **Credit:** 3 hours

Select one additional History course numbered 3000 or higher (Credit: 3 hours)

- HIST 3050 – The Ancient Mediterranean **Credit:** 3 hours
- HIST 3100 – History of Latin America **Credit:** 3 hours
- HIST 3150 – History of Africa to 1875 **Credit:** 3 hours
- HIST 3151 – History of Africa since 1875 **Credit:** 3 hours
- HIST 3200 – Traditional China **Credit:** 3 hours
- HIST 3210 – Modern China **Credit:** 3 hours
- HIST 3230 – History of the Middle East **Credit:** 3 hours
- HIST 3440 – Europe in the Middle Ages **Credit:** 3 hours
- HIST 3460 – Church, State and Society in the Renaissance and Reformation **Credit:** 3 hours
- HIST 3470 – The Age of Enlightenment **Credit:** 3 hours
- HIST 3480 – Europe in the Nineteenth Century **Credit:** 3 hours
- HIST 3490 – Europe in the Twentieth Century **Credit:** 3 hours
- HIST 3999 – Special Topics in History **Credit:** 3 hours
- HIST 4010 – The Atlantic World **Credit:** 3 hours
- HIST 4011 – Long Age of Revolutions **Credit:** 3 hours
- HIST 4020 – Technology, Environment and Empire **Credit:** 3 hours
- HIST 4030 – European Colonization **Credit:** 3 hours
- HIST 4040 – Humans and Their Environment Since 1945 **Credit:** 3 hours
- HIST 4220 – History of Japan **Credit:** 3 hours
- HIST 4290 – Modern Russia **Credit:** 3 hours
- HIST 4320 – France 1660-1815 **Credit:** 3 hours
- HIST 4330 – Modern Germany **Credit:** 3 hours
- HIST 4336 – The Holocaust **Credit:** 3 hours
- HIST 4360 – Modern East Central Europe **Credit:** 3 hours
- HIST 3700 – History of American Foreign Relations **Credit:** 3 hours
- HIST 3710 – Colonial America **Credit:** 3 hours
- HIST 3720 – Revolutionary America **Credit:** 3 hours
- HIST 3730 – America, 1815-1848 **Credit:** 3 hours
- HIST 3750 – The Civil War and Reconstruction **Credit:** 3 hours
- HIST 3760 – United States History 1877-1917 **Credit:** 3 hours
- HIST 3770 – United States History 1917-1960 **Credit:** 3 hours
- HIST 3790 – United States History Since 1960 **Credit:** 3 hours
- HIST 3901 – Early African American History **Credit:** 3 hours
- HIST 3902 – Modern African American History **Credit:** 3 hours
- HIST 3930 – History of Georgia **Credit:** 3 hours
- HIST 4700 – Multicultural America **Credit:** 3 hours
- HIST 4710 – Religion and Politics in American History **Credit:** 3 hours
- HIST 4720 – History of Religion in America **Credit:** 3 hours
- HIST 4740 – American Environmental History **Credit:** 3 hours
- HIST 4760 – Gender, Marriage and Family in American History **Credit:** 3 hours
- HIST 4777 – Early Native America **Credit:** 3 hours
- HIST 4778 – Modern Native America **Credit:** 3 hours
- HIST 4820 – The Old South **Credit:** 3 hours
- HIST 4821 – The New South **Credit:** 3 hours

Select one Research Seminar course from the following (Credit: 3 hours)

- HIST 4900 – Research Seminar in Non-Western History **Credit:** 3 hours
- HIST 4910 – Research Seminar in Russian History **Credit:** 3 hours
- HIST 4920 – Research Seminar in European History **Credit:** 3 hours
- HIST 4930 – Research Seminar in American History **Credit:** 3 hours

Teacher Education Courses (Credit: 33 hours)

- EDUC 2110 – Investigating Critical and Contemporary Issues in Education **Credit:** 3 hours
- EDUC 2120 – Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts **Credit:** 3 hours
- EDUC 2130 – Exploring Learning and Teaching **Credit:** 3 hours
- EDUC 3401 – Explorations into Teaching: A Room With A View **Credit:** 1 hour
- EDUC 3402 – Making Classroom Connections **Credit:** 2 hours
- EDUC 3550 – Assessment for Learning **Credit:** 3 hours
- EDUC 3900 – Teaching and Learning in Secondary History Environments **Credit:** 4 hours
- EDUC 3902 – Internship in Secondary School History **Credit:** 3 hours
- EDUC 4904 – Student Teaching in Secondary School History **Credit:** 8 hours
- SPED 3110 – Introduction to the Exceptional Learner **Credit:** 3 hours

Total Hours: 126

Political Science (A.S.)

The Associate of Science with a Major in Political Science degree is designed to give students a foundation in the study of political science, including both domestic and international politics and public affairs.

Curriculum for the Associate of Science in Political Science

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

Choose one course in International Politics (Credit: 3 hours)

- POLS 2301 – Introduction to Comparative Politics **Credit:** 3 hours
- POLS 2401 – Introduction to Global Issues **Credit:** 3 hours

Choose one course in Domestic Politics (Credit: 3 hours)

- POLS 2201 – State and Local Government **Credit:** 3 hours
- POLS 2501 – Introduction to Domestic Issues **Credit:** 3 hours
- POLS 2601 – Introduction to Public Administration **Credit:** 3 hours

Choose two electives from the following (Credit: 6 hours)

- POLS 2101 – Introduction to Political Science **Credit:** 3 hours
- POLS 2201 – State and Local Government **Credit:** 3 hours
- POLS 2301 – Introduction to Comparative Politics **Credit:** 3 hours
- POLS 2401 – Introduction to Global Issues **Credit:** 3 hours
- POLS 2501 – Introduction to Domestic Issues **Credit:** 3 hours
- POLS 2601 – Introduction to Public Administration **Credit:** 3 hours
- POLS 2801 – Special Topics in Political Science **Credit:** 3 hours

Choose two courses (at least 6 hours) in basic social science skills/foundation coursework from the following (Credit: 6 hours)

- ANTH 1102 – Introduction to Anthropology **Credit:** 3 hours
- ECON 2105 – Principles of Macroeconomics **Credit:** 3 hours
- ECON 2106 – Principles of Microeconomics **Credit:** 3 hours
- FREN 1002 – Elementary French I **Credit:** 3 hours
- FREN 2001 – Intermediate French I **Credit:** 3 hours
- FREN 2002 – Intermediate French II **Credit:** 3 hours
- GEOG 1101 – Introduction to Human Geography **Credit:** 3 hours
- HIST 1111 – History of World Civilizations to 1650 **Credit:** 3 hours
- HIST 1112 – History of World Civilizations since 1650 **Credit:** 3 hours
- HIST 1190 – History of World Religion **Credit:** 3 hours
- HIST 2111 – United States History to 1865 **Credit:** 3 hours
- HIST 2112 – United States History since 1865 **Credit:** 3 hours
- HUMN 2151 – Humanities Special Topics **Credit:** 3 hours
- HUMN 2155 – Survey of Humanities I **Credit:** 3 hours
- HUMN 2156 – Survey of Humanities II **Credit:** 3 hours
- MATH 1112 – Plane Trigonometry **Credit:** 3 hours
- MATH 1113 – Precalculus **Credit:** 3 hours
- MATH 1200 – Elementary Statistics **Credit:** 3 hours
- MATH 1251 – Calculus I **Credit:** 4 hours
- MATH 1371 – Computing for the Math. Sciences **Credit:** 4 hours
- MATH 2252 – Calculus II **Credit:** 4 hours
- MATH 2253 – Calculus III **Credit:** 4 hours
- PHIL 2201 – Survey of Philosophy **Credit:** 3 hours
- PSYC 1101 – Introduction to Psychology **Credit:** 3 hours
- SOCI 1101 – Introduction to Sociology **Credit:** 3 hours
- SOCI 1160 – Introduction to Social Problems **Credit:** 3 hours
- SOCI 2293 – Introduction to Marriage and the Family **Credit:** 3 hours
- SPAN 1002 – Elementary Spanish II **Credit:** 3 hours

- SPAN 2001 – Intermediate Spanish I **Credit:** 3 hours
- SPAN 2002 – Intermediate Spanish II **Credit:** 3 hours

Total Hours: 60

U.S. History (Minor)

The minor in U.S. history allows baccalaureate students majoring in any field other than history the opportunity to pursue an interest in U.S. history beyond that provided in the core curriculum. The program involves a balance of broad thematic courses and courses that are narrowly defined by chronology, and acquaints students with the research tools used by historians to uncover and interpret the past.

Required courses (Credit: 3 hours)

- HIST 3000 – Historical Methods **Credit:** 3 hours

Choose two from the following (Credit: 6 hours)

- HIST 3710 – Colonial America **Credit:** 3 hours
- HIST 3720 – Revolutionary America **Credit:** 3 hours
- HIST 3730 – America, 1815-1848 **Credit:** 3 hours
- HIST 3750 – The Civil War and Reconstruction **Credit:** 3 hours
- HIST 3760 – United States History 1877-1917 **Credit:** 3 hours
- HIST 3770 – United States History 1917-1960 **Credit:** 3 hours
- HIST 3790 – United States History Since 1960 **Credit:** 3 hours
- HIST 3901 – Early African American History **Credit:** 3 hours
- HIST 3902 – Modern African American History **Credit:** 3 hours
- HIST 3930 – History of Georgia **Credit:** 3 hours

Choose three from the following (Credit: 9 hours)

- HIST 4700 – Multicultural America **Credit:** 3 hours
- HIST 4710 – Religion and Politics in American History **Credit:** 3 hours
- HIST 4720 – History of Religion in America **Credit:** 3 hours
- HIST 4740 – American Environmental History **Credit:** 3 hours
- HIST 4760 – Gender, Marriage and Family in American History **Credit:** 3 hours
- HIST 4777 – Early Native America **Credit:** 3 hours
- HIST 4778 – Modern Native America **Credit:** 3 hours
- HIST 4820 – The Old South **Credit:** 3 hours
- HIST 4821 – The New South **Credit:** 3 hours

Total Hours: 18

World History (Minor)

The minor in world history offers a balance of European, Asian, African, and Latin American history courses alongside comparative and thematic courses. This program acquaints students with the research tools used by historians to uncover and interpret the past.

Required course (Credit: 3 hours)

- HIST 3000 – Historical Methods **Credit: 3 hours**

Choose one from the following (Credit: 3 hours)

- HIST 3100 – History of Latin America **Credit: 3 hours**
- HIST 3150 – History of Africa to 1875 **Credit: 3 hours**
- HIST 3151 – History of Africa Since 1875 **Credit: 3 hours**
- HIST 3230 – History of the Middle East **Credit: 3 hours**

Choose one from the following (Credit: 3 hours)

- HIST 3200 – Traditional China **Credit: 3 hours**
- HIST 3210 – Modern China **Credit: 3 hours**
- HIST 4220 – History of Japan **Credit: 3 hours**

Choose one from the following (Credit: 3 hours)

- HIST 3440 – Europe in the Middle Ages **Credit: 3 hours**
- HIST 3460 – The Renaissance and Reformation **Credit: 3 hours**
- HIST 3470 – The Age of Enlightenment **Credit: 3 hours**
- HIST 3480 – Europe in the Nineteenth Century **Credit: 3 hours**
- HIST 3490 – Europe in the Twentieth Century **Credit: 3 hours**
- HIST 3510 – Britain to 1688 **Credit: 3 hours**
- HIST 3511 – Great Britain since 1688 **Credit: 3 hours**

Choose one from the following (Credit: 3 hours)

- HIST 4010 – The Atlantic World **Credit: 3 hours**
- HIST 4020 – Technology, Environment and Empire **Credit: 3 hours**
- HIST 4030 – European Colonization **Credit: 3 hours**
- HIST 4040 – Humans and Their Environment Since 1945 **Credit: 3 hours**

Choose one from the following (Credit: 3 hours)

- HIST 4290 – Modern Russia **Credit: 3 hours**
- HIST 4320 – France 1660-1815 **Credit: 3 hours**
- HIST 4330 – Modern Germany **Credit: 3 hours**
- HIST 4336 – The Holocaust **Credit: 3 hours**
- HIST 4360 – Modern East Central Europe **Credit: 3 hours**

Total Hours: 18

Political Science (Minor)

The minor in political science is designed to give students a strong background in the primary specializations within the discipline: government, comparative politics, international relations, public policy, and political behavior. It encompasses sufficient coursework to allow graduates the opportunity to pursue post-baccalaureate study in political science, public administration, law and related fields, and can be pursued in combination with any baccalaureate major. It is also an excellent addition to any secondary education program.

Required course (Credit: 3 hours)

- POLS 3101 – Scope and Methods of Political Science **Credit:** 3 hours

Choose one of the following (Credit: 3 hours)

- POLS 2301 – Introduction to Comparative Politics **Credit:** 3 hours
- POLS 2401 – Introduction to Global Issues **Credit:** 3 hours

Choose one of the following (Credit: 3 hours)

- POLS 2201 – State and Local Government **Credit:** 3 hours
- POLS 2501 – Introduction to Domestic Issues **Credit:** 3 hours
- POLS 2601 – Introduction to Public Administration **Credit:** 3 hours

Choose three of the following (Credit: 9 hours)

- POLS 3030 – Introduction to Public Policy **Credit:** 3 hours
- POLS 3045 – Political Behavior **Credit:** 3 hours
- POLS 3050 – American Constitutional Law **Credit:** 3 hours
- POLS 3055 – Parties and Elections **Credit:** 3 hours
- POLS 3060 – Policy Implementation **Credit:** 3 hours
- POLS 3070 – Urban Politics **Credit:** 3 hours
- POLS 3075 – Interest Groups **Credit:** 3 hours
- POLS 3080 – Urban Issues in State and Local Government **Credit:** 3 hours
- POLS 3085 – Minority Politics **Credit:** 3 hours
- POLS 3701 – International Relations **Credit:** 3 hours
- POLS 3944 – Environmental Politics and Policy **Credit:** 3 hours
- POLS 3999 – Special Topics in Political Science **Credit:** 3 hours

Total Hours: 18

Sustainability Policy Studies (Minor)

The minor in sustainability policy studies is a broad program for students interested in pursuing a deeper understanding of environmental policies and their impact. Students will encounter cultural, economic, political and historical contexts for the examination of environmental sustainability policies. It may be pursued by students in any baccalaureate program, and would be particularly appropriate for students majoring in biology, business, new media and communications, or those interested in pursuing a career in politics or government, regardless of major.

Required courses (Credit: 12 hours)

- POLS 2201 – State and Local Government **Credit:** 3 hours
- POLS 3030 – Introduction to Public Policy **Credit:** 3 hours
- POLS 3944 – Environmental Politics and Policy **Credit:** 3 hours
- HIST 4040 – Humans and their Environment Since 1945 **Credit:** 3 hours

Choose two from the following (Credit: 6 hours)

- ECON 2105 – Principles of Macroeconomics **Credit:** 3 hours
- ECON 3175 – International Economics **Credit:** 3 hours
- HIST 4740 – American Environmental History **Credit:** 3 hours
- IDS 4020 – Science, Politics, and Culture **Credit:** 3 hours

Total Hours: 18

European Union Studies (Certificate)

The certificate in European Union Studies is designed to provide in-depth study on a topic that cuts across traditional academic disciplines and typically has a "real life" application in a professional context. Its purpose is to certify an individual as competent in a subject area outside conventional degree programs.

Curriculum for the Certificate in European Union Studies

Required courses (Credit: 6 hours)

- EURO 3234 – Introduction to the European Union **Credit:** 3 hours
- EURO 4830 – European Union Studies Capstone Course **Credit:** 3 hours

Choose three (3) courses from among the following, including at least one course in each of two (2) different discipline areas (Social Sciences, Humanities & Fine Arts, Business & Economics, and Natural & Health Sciences) (Credit: 9 hours)

- EURO 4130 – EU Law and Legal Systems **Credit:** 3 hours
- EURO 4160 – Federalism and Multilevel Governance in the EU **Credit:** 3 hours
- EURO 4230 – Doing Business in the EU **Credit:** 3 hours
- EURO 4260 – European Monetary Union **Credit:** 3 hours
- EURO 4330 – EU Science and Technology Policy **Credit:** 3 hours
- EURO 4430 – Environmental Policy **Credit:** 3 hours
- EURO 4530 – European Social Policy **Credit:** 3 hours
- EURO 4630 – Communications and Media **Credit:** 3 hours
- EURO 4730 – EU Foreign Policy **Credit:** 3 hours
- EURO 4760 – US-EU Relations **Credit:** 3 hours

Total Hours: 15

Areas of distinction: the certificate also highlights special achievements by providing a notation of "distinction" in three areas for students who complete the necessary additional credits:

- Practical experience: an overseas experience (including study or research abroad) or an internship, as approved by the EU Studies campus representative and Executive Director. (3-6 credit hours)
- Foreign language proficiency: successful completion of two (2) upper-division foreign language courses. (6 credit hours)
- Composition of a thesis. (3 credit hours)

Department of Mathematics

Interim Chair: Dr. John Trimboli

The Department of Mathematics is a unit of the College of Arts & Sciences. The department offers a Bachelor of Science degree in Mathematics with the options of Mathematics track or Mathematics Education track. The department also offers a minor in Mathematics. These programs provide students with the analytical and problem-solving skills required to advance in today's workforce.

Mathematics (B.S.)

The analytical and problem-solving skills cultivated by students majoring in mathematics are both versatile and highly valued in industry, government, and education. The Bachelor of Science degree program in mathematics is designed to prepare students to (1) attend professional and graduate school in mathematics, (2) teach mathematics in secondary school, or (3) seek employment in mathematical related fields in the public and private sectors. Students majoring in mathematics may arrange their course work according to their interests. There are two tracks of study: Mathematics and Mathematics Education.

The Mathematics track provides excellent preparation for graduate study or careers where mathematical ideas and techniques are used to solve real world problems. The Mathematics Education track is designed for students interested in teaching high school level mathematics. Regardless of which track is chosen, all students majoring in mathematics must satisfy a common upper level core. Coursework beyond the upper level core is taken according to the track chosen.

Curriculum for Bachelor of Science in Mathematics

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

- ENGL 1101 – English Composition I **Credit: 3 hours**
- ENGL 1102 – English Composition II **Credit: 3 hours**
- MATH 1112 – Plane Trigonometry **Credit: 3 hours**
OR
- MATH 1113 – Precalculus Mathematics **Credit: 3 hours**

Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

- Perspectives Elective **Credit: 4 hours**

Area C: Humanities/Fine Arts (Credit: 6 hours)

- Literature Elective **Credit: 3 hours**
- Area C Elective **Credit: 3 hours**

Area D: Science, Math & Technology (Credit: 11 hours)

- Lab Science Elective **Credit: 4 hours**
PHYS 2211K-2212K or CHEM 1211K-1212K are recommended.
- Lab Science Elective **Credit: 4 hours**
PHYS 2211K-2212K or CHEM 1211K-1212K are recommended.
- MATH 1251 – Calculus I **Credit: 4 hours**

Three (3) hours of credit will be applied to Area D and the additional 1 hour of credit may be applied to the upper level curriculum.

Area E: Social Sciences (Credit: 12 hours)

- HIST 2111 – United States History to 1865 **Credit: 3 hours** OR HIST 2112 – United States History since 1865 **Credit: 3 hours**
- POLS 1101 – American Government **Credit: 3 hours**
- Area E Elective **Credit: 3 hours**
- Area E Elective **Credit: 3 hours**

See complete listing of core courses and requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

- MATH 1371 – Computing for the Mathematical Sciences **Credit: 4 hours** OR CSCI 1301 – Computer Science I **Credit: 3 hours**
- MATH 2252 – Calculus II **Credit: 4 hours**
- MATH 2253 – Calculus III **Credit: 4 hours**

- MATH 2260 – Introduction to Linear Algebra **Credit:** 3 hours
- MATH 2270 – Differential Equations **Credit:** 4 hours

Three hours of credit will be applied to Area F and the additional one hour of credit may be applied to the upper level curriculum.

Upper Level Core (Credit: 21 hours)

A grade of at least a "C" must be earned in all upper division courses used to satisfy the major.

- MATH 2120 – Discrete Mathematics **Credit:** 3 hours
- MATH 3040 – Bridge to Higher Mathematics **Credit:** 3 hours
- MATH 3207 – Communicating Mathematics **Credit:** 4 hours
- MATH 3600 – Probability and Statistics **Credit:** 3 hours
- MATH 4150 – Linear Algebra **Credit:** 3 hours
- MATH 4621 – Mathematical Statistics I **Credit:** 3 hours
- One hour of credit for MATH 1251 taken in Area D
- One hour of credit for MATH 2270 taken in Area D

Choose Mathematics Track or Mathematics Education Track

Mathematics Track (Credit: 60 hours)

Major Field Courses (Credit: 21 hours)

- MATH 3251 – Applied Combinatorics **Credit:** 3 hours
- MATH 3260 – Modern Algebra I **Credit:** 3 hours
- MATH 4110 – Number Theory **Credit:** 3 hours
- MATH 4260 – Mathematical Analysis **Credit:** 3 hours
- MATH 4480 – Graph Theory **Credit:** 3 hours
- MATH 4651 – Numerical Analysis I **Credit:** 3 hours
- MATH 4901 – Operations Research I **Credit:** 3 hours

Electives (Credit: 18 hours)

- MATH Electives **Credit:** 18 hours
Any mathematics course above the 3000 level excluding Early Childhood Education or Middle Grades Education courses (MATH 3106, 3110, 3150, 3156, 3310, 3320, and 3330).

Total Hours: 120

Mathematics Education Track (Credit: 66 hours)

Major Field Courses (Credit: 12 hours)

- MATH 3010 – History of Mathematics **Credit:** 3 hours
- MATH 3510 – Foundations of Geometry **Credit:** 3 hours
- MATH 4110 – Number Theory **Credit:** 3 hours
- MATH 4480 – Graph Theory **Credit:** 3 hours

Education Courses (Credit: 33 hours)

Students must be admitted to the Education Program prior to taking upper division education courses.

- EDUC 2110 – Investigating Critical and Contemporary Issues in Education **Credit:** 3 hours
- EDUC 2120 – Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts **Credit:** 3 hours
- EDUC 2130 – Exploring Learning and Teaching **Credit:** 3 hours
- EDUC 3401 – Explorations into Teaching: A Room With A View **Credit:** 1 hour
- EDUC 3402 – Making Classroom Connections **Credit:** 2 hours
- EDUC 3550 – Assessment for Learning **Credit:** 3 hours
- EDUC 3600 – Teaching and Learning in Secondary Mathematics Environments **Credit:** 4 hours
- EDUC 3602 – Internship in Secondary School Mathematics **Credit:** 3 hours
- EDUC 4604 – Student Teaching in Secondary School Mathematics **Credit:** 8 hours
- SPED 3110 – Introduction to the Exceptional Learner **Credit:** 3 hours

Mathematics (Minor)

The Department of Mathematics offers a minor in Mathematics for undergraduates enrolled in any discipline or program other than Mathematics. The Mathematics minor is designed to provide students with an opportunity to attain greater breadth and depth in mathematics than their major field of study normally requires. Greater knowledge of mathematics and mathematical techniques are useful to a wide range of disciplines and provides students with critical thinking and analytical skills that are highly demanded in today's workforce.

Grade Requirements: A grade of at least a "C" must be earned in all courses used to satisfy the minor.

Note: Courses taken to satisfy a major in any field of study may not be used for credit toward the completion of this minor.

Required Courses (Credit: 7 hours)

- MATH 2253 – Calculus III **Credit:** 4 hours
- MATH 2260 – Introduction to Linear Algebra **OR** MATH 2270 – Differential Equations **Credit:** 3 hours

Electives (Credit: 9 hours)

- MATH Electives **Credit:** 9 hours
Any mathematics course above the 3000 level excluding Early Childhood Education or Middle Grades Education courses (MATH 3106, 3110, 3150, 3156, 3310, 3320, and 3330).

Total Hours: 16

Department of Media, Culture, and the Arts

Interim Chair: Dr. Robert McTyre

The Department of Media, Culture, and the Arts (MCA) is an interdisciplinary unit of the College of Arts & Sciences that offers dynamic instruction in a broad array of subjects in the humanities. MCA houses the baccalaureate degrees of New Media and Communications, and Interdisciplinary Studies; offers minors in Creative Writing, Spanish, and Gender Studies; and provides associate degrees in Art, Music, and Modern Language. Students may also earn associate degrees with transferability in any of our baccalaureate degrees. The department also features a certificate in Film Production. Students of the Department of Media, Culture, and the Arts graduate digitally literate, culturally attuned, critically engaged, and intellectually prepared for the dynamic nature of a twenty-first century economy.

The Bachelor of Arts in New Media and Communications (NMAC) trains students in digital and traditional communication, giving them the opportunity to critically engage and creatively participate in the culture of mass media. Students take classes in a) New Media and Communication Theory, b) New Media Production, and c) Communications and Culture. By providing students with skills in technology and communications and by giving them an understanding of the cultural forces that shape our world, the NMAC program addresses the need for professionals in a global, technology-driven economy. The program prepares students for creative careers in areas such as web design, public relations, advertising, journalism, and video production.

The Bachelor of Arts Degree in Interdisciplinary Studies (IDS) offers rigorous but flexible curricula that allow students to design their own programs of study and pursue an education that builds on their unique interests, backgrounds, and career goals. The IDS programs are appropriate for students who have prior educational credit or for those just beginning their university experience. IDS students complete an interdisciplinary core that emphasizes critical thinking and communication skills, fosters cultural understanding, and engages them in both interdisciplinary theory and practice. In addition to the core requirements, students complete at least 15 hours of course work in a single disciplinary concentration or in gender studies and international studies. IDS graduates are among the most broadly educated on Middle Georgia State's campuses, and they are attractive to employers looking for workers who can communicate effectively, adapt well to change, demonstrate intercultural understanding, and apply creative solutions to complicated problems.

Interdisciplinary Studies (B.A.)

The Bachelor of Arts degree in Interdisciplinary Studies offers students a broad-based, flexible curriculum in the arts and sciences so that the individual may design a course of study to meet his or her interests and career oriented needs. The Department of Media, Culture, and the Arts supervises the program of study leading to the Bachelor of Arts degree with a major in Interdisciplinary Studies. Course work in support of this degree program is offered throughout the university including business, information technology, humanities, and social sciences. Many different types of students benefit from the Bachelor of Arts degree in Interdisciplinary Studies. Students can combine interests and gain proficiency in specific career areas that are difficult to obtain with other degree programs. Although the degree is flexible, some restrictions do exist.

Students must earn a grade of "C" or higher in Area F and all upper-level coursework.

Note: The Interdisciplinary Studies Program of Study requires a minimum of 39 hours of upper-level course work (3000/4000 level) with a minimum of 18 hours of course work at the 4000-level.

Curriculum for the Bachelor of Arts in Interdisciplinary Studies

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

- HUMN 2151 – Special Topics **Credit:** 3 hours
- Any approved Area C-F Course **Credit:** 0-15 hours

No courses already applied in Areas A-E may be applied in Area F.

Upper-level courses (Credit: 60 hours)

Upper-level courses in Interdisciplinary Studies are divided into three areas: Interdisciplinary Studies Core (18 hours), Interdisciplinary Concentration (15 hours), and Interdisciplinary Electives (27 hours). Of these upper level classes, a minimum of 18 hours must be completed at the 4000-level.

Interdisciplinary Studies Core (Credit: 18 hours)

Communication Elective: Choose One

- COMM 3015 – Intercultural Communication in a Global Society **Credit:** 3 hours

- ENGL 3106 – Professional Writing and Communication **Credit:** 3 hours
- NMAC 3108 – Writing for Digital Media **Credit:** 3 hours

Cultural Studies Elective: Choose One

- HUMN 3010 – Introduction to Cultural Studies **Credit:** 3 hours
- HUMN 3206 – Gender Studies **Credit:** 3 hours
- HUMN 4471 – Comparative Cultures **Credit:** 3 hours
- HUMN 4472 – Studies in Culture **Credit:** 3 hours

Theory Elective: Choose One

- COMM 3010 – Communication Theory **Credit:** 3 hours
- ENGL 3010 – Introduction to Literary Studies **Credit:** 3 hours
- HUMN 3010 – Introduction to Cultural Studies **Credit:** 3 hours
- SCIE 3110 – Scientific Thought and Theory **Credit:** 3 hours
- HIST 3000 – Historical Methods **Credit:** 3 hours

Interdisciplinary Studies Praxis Course: Choose Two

- HUMN 3999 – Special Topics **Credit:** 3 hours
- IDS 4010 – Gender, Media, and Culture **Credit:** 3 hours
- IDS 4020 – Science, Politics, and Culture **Credit:** 3 hours
- IDS 4030 – Film, Literature, and Culture **Credit:** 3 hours
- IDS 4040 – Fashion, Literature, and Culture **Credit:** 3 hours
- IDS 4050 – Performance, Literature, and Culture **Credit:** 3 hours
- IDS 4060 – Madness, Literature, and Culture **Credit:** 3 hours
- IDS 4070 – Organizations, Technology, and Culture **Credit:** 3 hours

Interdisciplinary Studies Required

- IDS 3800 – Methods in Interdisciplinary Research **Credit:** 3 hours

Interdisciplinary Concentration (Credit: 15 hours)

*All courses must have a common designation and be taken at the 3000/4000 level.
See below for choice of concentrations.

Interdisciplinary Electives (Credit: 27 hours)

The Interdisciplinary Studies program of study requires 27 credit hours of IDS elective course work. Students can receive no more than twenty-one (21) credit hours of lower division (1000/2000) credit outside of Areas A-F.

Approved academic electives are those deemed by any Media, Culture, and the Arts advisor to be appropriate to the special academic and career goals of the student; these electives are not course substitutions; therefore, no paperwork needs to be filed.

Selected Discipline Concentration (Credit: 42 hours)

Take the following:

A. 15 hours of Courses from any One Discipline

The Interdisciplinary Studies Degree requires students to complete five (5) 3000-4000 level electives in a single disciplinary area (HIST, POLS, ENGL, etc.) to be selected with the guidance of an advisor.

B. 27 hours of electives chosen from the Middle Georgia State University course offerings to be determined in consultation with an advisor to fulfill students educational and career objectives.

OR

Gender Studies Concentration (Credit: 42 hours)

Note: All Gender Studies Students must take ENGL 3010 – Introduction to Literary Studies as their Theory Elective and HUMN 3206 – Gender Studies as their Cultural Studies Elective in the IDS Core.

A. Take the following (Credit: 15 hours)

- COMM 3016 – Gender Roles and Communication **Credit:** 3 hours
- ENGL 4440 – Literature by Women **Credit:** 3 hours
- IDS 4010 – Gender, Media, and Culture **Credit:** 3 hours

- HIST 4760 – Gender, Marriage and Family in American History **Credit:** 3 hours
- PSYC 3801 – Psychology of Gender **Credit:** 3 hours

Note: Any 3000-4000-level Humanities or English Course may be substituted at the discretion of the advisor with documentation of a gendered focus in the class.

B. 27 hours of electives chosen from Middle Georgia State University course offerings to be determined in consultation with an advisor to fulfill students educational and career objectives.

Note: Students who take courses for the IDS Gender Studies Concentration may not use those courses for a minor in Gender Studies.

OR

International Studies Concentration: 42 hours

A. International Studies Concentration students must take the following courses in the Interdisciplinary Studies Core (Credit: 3 hours**)**

- COMM 3015 – Intercultural Communication in a Global Society **Credit:** 3 hours as their Communication Elective
- HUMN 3010 – Introduction to Cultural Studies **Credit:** 3 hours as their Cultural Studies Elective
- HIST 3000 – Historical Methods **Credit:** 3 hours as their Theory Studies Elective

B. International Studies Concentration students must take five (5) of the following courses to fulfill their IDS Concentration (Credit: 15 hours**)**

- POLS 3701 – International Relations **Credit:** 3 hours
- HIST 3700 – History of American Foreign Relations **Credit:** 3 hours
- HIST 4020 – Technology, the Environment and Empire **Credit:** 3 hours
- HIST 4040 – Humans and their Environment since 1945 **Credit:** 3 hours
- HUMN 4471 – Comparative Cultures **Credit:** 3 hours
- HUMN 4472 – Studies in Culture **Credit:** 3 hours
- ECON 3175 – International Economics **Credit:** 3 hours
- ITEC 4710 – Globalization and Technology **Credit:** 3 hours
- PSYC 3201 – Cross-Cultural Psychology **Credit:** 3 hours
- CRJU 3515 – Comparative Criminal Justice Systems **Credit:** 3 hours
- HIST 4010 – The Atlantic **Credit:** 3 hours
- HIST 4030 – European Colonization **Credit:** 3 hours

Note: Any 3000-4000 level History or Study Abroad course with an international studies focus may be substituted as an IDS Concentration course at the discretion of the advisor.

C. As specified in the B.A. in Interdisciplinary Studies degree, International Studies IDS students must complete 27 hours of electives to be determined in consultation with an advisor.

Note: Students must take 12 hours of the same modern language. These 12 hours may be completed in Area C, Area F, and/or in the IDS electives.

Total Hours: 120

New Media and Communications (B.A.)

The Bachelor of Arts in New Media and Communications (NMAC) trains students in digital and traditional communication, giving them the opportunity to critically engage and creatively participate in the culture of mass media. Students take classes in a) New Media and Communication Theory; b) New Media Production; and c) Communication and Culture. By providing students with skills in technology and communications and by giving them an understanding of the cultural forces that shape our world, the NMAC program addresses the need for professionals in a global, technology-driven economy. The program prepares students for creative careers in areas such as web design, public relations, advertising, journalism, and video production.

Freshmen can enter the NMAC program through any major. Before they have completed sixty hours of coursework, however, students must earn at least a "C" in the following courses: COMM 1110, COMM 2202, MCOM 2131, and ITEC 2215.

Note: Students must earn a grade of "C" or higher in Area F and all upper-level coursework.

Curriculum for Bachelor of Arts in New Media and Communication

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

A grade of at least a "C" in the following:

- COMM 1100 – Human Communication **Credit:** 3 hours
- COMM 1110 – Public Speaking **Credit:** 3 hours
- COMM 2202 – Mass Communications Survey **Credit:** 3 hours
- MCOM 2131 – News Writing and Reporting **Credit:** 3 hours
- ITEC 2215 – Introduction to Information Technology **Credit:** 3 hours **OR** ITEC 2201 – Business Information Applications **Credit:** 3 hours
- One elective from core curriculum Areas A-E **Credit:** 3-4 hours

Upper Level Courses (Credit: 60 hours)

New Media and Communication Theory (Credit: 9 hours)

- COMM 3010 – Communication Theory **Credit:** 3 hours
- NMAC 3460 – Media Criticism **Credit:** 3 hours
- NMAC 4460 – Senior Seminar: New Media **Credit:** 3 hours

New Media Production (Credit: 21 hours)

Take the following three courses:

- NMAC 3145 – Digital Media Studio **Credit:** 3 hours
- ITEC 3236 – Interactive Digital Media **Credit:** 3 hours
- NMAC 4483 – Capstone Professional Portfolio **OR** NMAC 4483H – Honors Capstone Professional Portfolio **Credit:** 3 hours

Choose three of the following:

- NMAC 3600 – Digital Storytelling **Credit:** 3 hours
- NMAC 3610 – Advanced Digital Storytelling **Credit:** 3 hours
- NMAC 3651 – Digital Photography and Criticism **Credit:** 3 hours
- NMAC 4450 – Documentary Film Production **Credit:** 3 hours
- NMAC 4451 – Fiction Film Production **Credit:** 3 hours
- MCOM 3131 – Newswriting Practicum: Print and TV News Production **Credit:** 3 hours

Choose one of the following:

- ITEC 4230 – Graphic Imaging **Credit:** 3 hours
- ITEC 4238 – 2D Computer Animation **Credit:** 3 hours

Communications and Culture (Credit: 15 hours)

Choose five of the following writing-intensive courses:

- COMM 3015 – Intercultural Communication in a Global Society **Credit:** 3 hours
- COMM 3205 – Advanced Interpersonal Communication **Credit:** 3 hours
- CRWR 3040 – Intermediate Fiction Writing **Credit:** 3 hours
- CRWR 3700 – Creative Non-fiction **Credit:** 3 hours
- CRWR 4040 – Advanced Fiction Writing **Credit:** 3 hours
- NMAC 3108 – Writing for Digital Media **Credit:** 3 hours

- NMAC 4481 – Film Analysis **Credit:** 3 hours
- HUMN 4482 – Popular Culture **Credit:** 3 hours
- HUMN 3010 – Introduction to Cultural Studies **OR** HUMN 4471 – Comparative Cultures **OR** HUMN 4472 – Studies in Culture **Credit:** 3 hours
- HUMN 3999 – Special Topics **Credit:** 3 hours

Electives (Credit: 15 hours)

Choose five courses from the following:

- Any 2000, 3000 or 4000 level COMM, CRWR, ENGL, HUMN, IDS, MCOM, or NMAC course or others with permission of the NMAC Coordinator
- Any 2000, 3000 or 4000 level ITEC course with permission of NMAC Coordinator
- NMAC 4470 – Student Editor Internship **Credit:** 3 hours
- NMAC 4471 – Off-Campus Internship **Credit:** 3 hours
- NMAC 4472 – Sports Broadcasting Internship **Credit:** 3 hours

Total Hours: 120

Art (A.A.)

Curriculum for the Associate of Arts in Art

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

Studio Foundation Courses (Credit: 12 hours)

- ARTS 1010 – Drawing I **Credit:** 3 hours
- ARTS 1011 – Drawing II **Credit:** 3 hours
- ARTS 1020 – Two-Dimensional Design **Credit:** 3 hours
- ARTS 1030 – Three-Dimensional Design **Credit:** 3 hours

Art History Foundation Courses (Credit: 3 hours)

Choose one of the following:

- Arts 2010 – Art History I: Prehistory to Gothic **Credit:** 3 hours
- Arts 2011 – Art History II: Renaissance to Present **Credit:** 3 hours

Studio Electives (Credit: 3 hours)

Choose one of the following:

- ARTS 2013 – Sculpture **Credit:** 3 hours
- ARTS 2014 – Pottery **Credit:** 3 hours
- ARTS 2015 – Photography **Credit:** 3 hours
- ARTS 2016 – Computer Graphics I **Credit:** 3 hours
- ARTS 2017 – Graphic Design I **Credit:** 3 hours
- ARTS 2321 – Painting I **Credit:** 3 hours
- ARTS 2431 – Printmaking **Credit:** 3 hours
- ARTS 2651 – Digital Photography **Credit:** 3 hours

Total Hours: 60

Modern (Foreign) Language (A.A.)

Curriculum for the Associate of Arts in Modern Language

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field (Credit: 12 hours)

All students will complete a mandatory 12-hour sequencing of language courses in one of the following language courses: Spanish, French, or German.

- 1001 Elementary I **Credit:** 3 hours
- 1002 Elementary II **Credit:** 3 hours
- 2001 Intermediate I **Credit:** 3 hours
- 2002 Intermediate II **Credit:** 3 hours

Note: Students may receive credit by taking the actual course or the CLEP exam for these required courses.

Electives (Credit: 6 hours)

Choose two of the following courses:

- SPAN 1001 – Elementary Spanish I **Credit:** 3 hours (for French and German majors)
- SPAN 1002 – Elementary Spanish II **Credit:** 3 hours (for French and German majors)
- SPAN 2001 – Intermediate Spanish I **Credit:** 3 hours (for French and German majors)
- SPAN 2002 – Intermediate Spanish II **Credit:** 3 hours (for French and German majors)
- FREN 1001 – Elementary French I **Credit:** 3 hours (for Spanish and German majors)
- FREN 1002 – Elementary French II **Credit:** 3 hours (for Spanish and German majors)
- FREN 2001 – Intermediate French I **Credit:** 3 hours (for Spanish and German majors)
- FREN 2002 – Intermediate French II **Credit:** 3 hours (for Spanish and German majors)
- GRMN 1001 – Elementary German I **Credit:** 3 hours (for French and Spanish majors)
- GRMN 1002 – Elementary German II **Credit:** 3 hours (for French and Spanish majors)
- GRMN 2001 – Intermediate German I **Credit:** 3 hours (for French and Spanish majors)
- GRMN 2002 – Intermediate German II **Credit:** 3 hours (for French and Spanish majors)
- ARTS 1000 – Art Appreciation **Credit:** 3 hours
- ECON 2105 – Principles of Macroeconomics **Credit:** 3 hours
- ECON 2106 – Principles of Microeconomics **Credit:** 3 hours
- ENGL 2111 – World Literature I **Credit:** 3 hours
- ENGL 2112 – World Literature II **Credit:** 3 hours
- GEOG 1101 – Introduction to Human Geography **Credit:** 3 hours
- HIST 1111 – World Civilization I **Credit:** 3 hours
- HIST 1112 – World Civilization II **Credit:** 3 hours
- HIST 1190 – History of World Religions **Credit:** 3 hours
- HUMN 2151 – Special Topics **Credit:** 3 hours
- HUMN 2155 – Survey of Humanities I **Credit:** 3 hours
- HUMN 2156 – Survey of Humanities II **Credit:** 3 hours
- MUSC 1100 – Music Appreciation **Credit:** 3 hours
- POLS 2401 – Introduction to Global Issues **Credit:** 3 hours
- PSYC 1101 – Introduction to Psychology **Credit:** 3 hours
- SOCI 1101 – Introduction to Sociology **Credit:** 3 hours
- THEA 1100 – Theater Appreciation **Credit:** 3 hours

Total Hours: 60

Music (A.A.)

Curriculum for the Associate of Arts in Music

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (18 hours)

Major Field

Required Courses (Credit: 10 hours)

- MUSC 1101 – Elementary Theory I **Credit: 2 hours**
- MUSC 1102 – Sight Singing/Ear Training I **Credit: 1 hour**
- MUSC 1103 – Elementary Theory II **Credit: 2 hours**
- MUSC 1104 – Sight Singing/Ear Training II **Credit: 1 hour**
- MUSC 2201 – Intermediate Theory I **Credit: 2 hours**
- MUSC 2203 – Intermediate Theory II **Credit: 2 hours**

Take two of the following 2-course sequences (Credit: 8 hours)

- MUSA 1103, 1104 – Applied Piano **Credit: 2 hours each class, 4 total credits**
- MUSA 1113, 1114 – Applied Voice **Credit: 2 hours each class, 4 total credits**
- MUSA 1123, 1124 – Applied Brass **Credit: 2 hours each class, 4 total credits**
- MUSA 1133, 1134 – Applied Woodwind **Credit: 2 hours each class, 4 total credits**
- MUSA 1143, 1144 – Applied Percussion **Credit: 2 hours each class, 4 total credits**
- MUSA 1153, 1154 – Applied Strings **Credit: 2 hours each class, 4 total credits**
- MUSA 1163, 1164 – Applied Classical Guitar **Credit: 2 hours each class, 4 total credits**
- MUSA 2103, 2104 – Applied Piano **Credit: 2 hours each class, 4 total credits**
- MUSA 2113, 2114 – Applied Voice **Credit: 2 hours each class, 4 total credits**
- MUSA 2123, 2124 – Applied Brass **Credit: 2 hours each class, 4 total credits**
- MUSA 2133, 2134 – Applied Woodwind **Credit: 2 hours each class, 4 total credits**
- MUSA 2143, 2144 – Applied Percussion **Credit: 2 hours each class, 4 total credits**
- MUSA 2153, 2154 – Applied Strings **Credit: 2 hours each class, 4 total credits**
- MUSA 2163, 2164 – Applied Classical Guitar **Credit: 2 hours each class, 4 total credits**

Note: Each of these courses has a co-requisite of the appropriate 1000/2000-level ensemble.

Total Hours: 60

Film Production (Certificate)

Middle Georgia State University's Department of Media, Culture, and the Arts offers a certificate in Film Production for undergraduates enrolled in any discipline or program.

The certificate in Film Production prepares filmmakers for the rapidly changing film and television industry. Film production courses emphasize storytelling and screenwriting while continually developing the student's technical expertise in videography and editing. The certificate is appropriate for both beginning and intermediate students and provides a platform of skills on which to develop a student's expertise for the burgeoning entertainment industry.

Required Courses (Credit: 3 hours)

- NMAC 3600 – Digital Storytelling **Credit:** 3 hours

Choose two of the following (Credit: 6 hours)

- NMAC 4440 – Screenwriting **Credit:** 3 hours
- NMAC 4450 – Documentary Film Production **Credit:** 3 hours
- NMAC 4451 – Fiction Film Production **Credit:** 3 hours

Choose one of the following (Credit: 3 hours)

- NMAC 4001 – Film History I **Credit:** 3 hours
- NMAC 4002 – Film History II **Credit:** 3 hours
- NMAC 4481 – Film Analysis **Credit:** 3 hours

Total Hours: 12

Creative Writing (Minor)

Middle Georgia State University's Department of Media, Culture, and the Arts offers a minor in Creative Writing for undergraduates enrolled in any discipline or program other than Interdisciplinary Studies. The minor in Creative Writing gives students broad experience in the problems and processes of writing, editing, and publishing creative work; students will write and workshop beyond the beginner's level in poetry, fiction, and creative non-fiction in an intellectual setting that is challenging and nurturing. The study of creative writing will help make better teachers, writers, journalists, professionals, and graduate students.

Required Course (Credit: 3 hours)

- CRWR 2105 – Introduction to Creative Writing **Credit:** 3 hours

Note: CRWR 2105 can be used as an elective for any course of study and as a prerequisite for all other creative writing courses; with a grade of B, it can also be used as a prerequisite for any 3000-level CRWR course.

Upper-Level CRWR (Credit: 9 hours)

All students must take at least three (3) 3000 to 4000 level courses with a CRWR designation. **Credit:** 3 hours each

Electives (Credit: 6 hours)

Choose two of the following:

- any 2000-4000 level course with an ENGL, MCOM, SPAN, GRMN, or FREN designation
- NMAC 3108 – Writing for Digital Media **Credit:** 3 hours
- NMAC 3600 – Digital Storytelling **Credit:** 3 hours
- NMAC 4450 – Visual Rhetoric: Principles of Production **Credit:** 3 hours
- NMAC 4470 – Student Editor Internship **Credit:** 3 hours

Note: Core Area F Courses may count as coursework in the minor.

Total Hours: 18

Gender Studies (Minor)

Middle Georgia State University's Department of Media, Culture, and the Arts offers a minor in Gender Studies for undergraduates enrolled in any discipline or program other than Interdisciplinary Studies. The minor in Gender Studies provides a rich, interdisciplinary range of reading and scholarship in those questions of gender that shape culture. Courses are taught by specialists in a myriad of disciplines to provide a well-rounded education in gender and its effects. Greater understanding of the role that gender plays in our lives, law, and culture is useful to a wide range of disciplines and professions. Students planning for careers in education, business, management, or medicine will find the history and legality of gendered relations an especially important addition to their education.

Required Courses (Credit: 3 hours)

- HUMN 3206 – Gender Studies **Credit:** 3 hours

Take the following (Credit: 12 hours)

- ENGL 4440 – Literature by Women **Credit:** 3 hours
- IDS 4010 – Gender, Media, and Culture **Credit:** 3 hours
- HIST 4760 – Gender, Marriage and Family in American History **Credit:** 3 hours
- COMM 3016 – Gender Roles and Communication **Credit:** 3 hours

Note: Any 3000-level Humanities or English course may also be substituted at the discretion of the Advisor with documentation of a gendered focus in the class. Credit: 3 hours

Total Hours: 15

Spanish (Minor)

Middle Georgia State University's Department of Media, Culture, and the Arts offers a minor in Spanish for undergraduates enrolled in any discipline or program other than Interdisciplinary Studies. As American culture becomes increasingly diverse and the Spanish-speaking population grows, the study of Hispanic culture and its language is more and more necessary. The courses in the Spanish minor are taught by specialists to provide an even greater depth of concentration than is offered by the associate's degree in Spanish. Students planning for careers in education, government, business, management, health care, law enforcement, social work, and aviation will find this minor especially helpful as a complement to their major.

18 hours with a grade of C or better of the following courses:

Required Courses (Credit: 15 hours)

- SPAN 1002 – Elementary Spanish II **Credit:** 3 hours
- SPAN 2001 – Intermediate Spanish I **Credit:** 3 hours
- SPAN 2002 – Intermediate Spanish II **Credit:** 3 hours
- SPAN 3001 – Grammar and Composition **Credit:** 3 hours
- SPAN 3003 – Conversation **Credit:** 3 hours

Elective (Credit: 3 hours)

Take one of the following:

- SPAN 3004 – Introduction to Spanish for Business **Credit:** 3 hours
- SPAN 3006 – Peninsular Spanish Civilization and Culture **Credit:** 3 hours
- SPAN 3999 – Special Topics Study Abroad **Credit:** 3 hours

Total Hours: 18

Department of Natural Sciences

Chair: Dr. Dawn Sherry

The Department of Natural Sciences is a unit of the College of Arts and Sciences. The department offers a Bachelor of Science degree in Biology with options of a Biology track or a Biology education track. The department also participates in the Regents' Engineering Transfer Program with Georgia Tech in the areas of Civil, Electrical and Mechanical Engineering. Our programs prepare students for rigorous post-baccalaureate programs or to enter into today's competitive job markets by providing small class sizes, dedicated faculty and a variety of undergraduate research opportunities.

Biology (B.S.)

Bachelor of Science Degree in Biology

The broad field of biology offers diverse career opportunities to individuals with the appropriate training. The Bachelor of Science degree in biology is designed to prepare students planning to (1) attend professional and graduate school in biological and health sciences fields, (2) seek employment in industries using biologically related technology, or (3) teach biology in secondary schools. There are two tracks of study: the Biology track and the Biology Education track. The Biology track is appropriate for students planning to enter graduate programs in health sciences such as medicine, dentistry, physician's assistant, physical therapy, veterinary, and pharmacology as well as graduate programs in biological sciences. Students who choose not to continue on to a graduate program will have a strong biological science foundation for seeking employment in the biological science job market. The Biology Education track is designed to prepare students to teach biology in secondary schools. This track will require formal acceptance by the School of Education before students can take any upper level Education courses. Both tracks will provide a student with a strong biological background preparing them to be successful in whichever career pathway they choose.

Curriculum for Bachelor of Science in Biology

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

- ENGL 1101 - English Composition I **Credit:** 3 hours
- ENGL 1102 - English Composition II **Credit:** 3 hours
- MATH 1112 – Plane Trigonometry **Credit:** 3 hours
OR
- MATH 1113 – Precalculus **Credit:** 3 hours
OR
- MATH 1251 – Calculus I **Credit:** 4 hours

Note: Courses required for Area A must be completed within the first 30 hours. If a student takes MATH 1251, the additional hour will be applied to Area F or upper level curriculum. Students must have the necessary prerequisites for any course they choose.

Area B: Institutional Options (Credit: 4 hours)

- Perspectives Elective **Credit:** 4 hours

Area C: Humanities/Fine Arts (Credit: 6 hours)

- Literature Elective **Credit:** 3 hours
- Area C Elective **Credit:** 3 hours

Area D: Science, Math & Technology (Credit: 11 hours)

- Lab Science Elective **Credit:** 4 hours
CHEM 1211K, 1212K sequence is strongly recommended
- Lab Science Elective **Credit:** 4 hours
CHEM 1211K, 1212K sequence is strongly recommended
- Area D Elective **Credit:** 4 hours
MATH 1200 is strongly recommended

Area E: Social Sciences (Credit: 12 hours)

- HIST 2111 – United States History to 1865 **Credit:** 3 hours **OR** HIST 2112 – United States History since 1865 **Credit:** 3 hours
- POLS 1101 – American Government **Credit:** 3 hours

- Area E Elective **Credit:** 3 hours
- Area E Elective **Credit:** 3 hours

See complete listing of core courses and requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

- BIOL 2107K – Principles of Biology I **Credit:** 4 hours
- BIOL 2108K – Principles of Biology II **Credit:** 4 hours
- SCIE 2998 – Research Methods **Credit:** 2 hours
- OR**
- BIOL 2999 – Directed Studies in Biology **Credit:** 1 hour (Must be taken 2 times)
- CHEM 1211K – Principles of Chemistry I **Credit:** 4 hours
- CHEM 1212K – Principles of Chemistry II **Credit:** 4 hours

Note: BIOL 2107K-2108K and CHEM 1211K-1212K are required in Area F if not taken in Area D. Students taking either the BIOL 2107K-2108K sequence or the CHEM 1211K-1212K sequence in Area D should take CHEM 2211K-2212K in Area F.

Upper Division Core Courses Required for Bachelor of Science in Biology Program

Choose either Biology Track or Biology Education Track

Biology Track (Credit: 60 hours)

Upper Level Core (Credit: 22 hours)

- BIOL 3104K – Cell Biology **Credit:** 4 hours
- BIOL 3211 – Evolution **Credit:** 4 hours
- BIOL 3310K – Biochemistry **Credit:** 4 hours
- BIOL 3510K – Invertebrate Zoology **Credit:** 4 hours
- OR**
- BIOL 3520K – Vertebrate Zoology **Credit:** 4 hours
- OR**
- BIOL 3360K – Plant Biology **Credit:** 4 hours
- BIOL 4110K – Genetics **Credit:** 4 hours
- BIOL 4120 – Senior Seminar **Credit:** 2 hours
- OR**
- BIOL 4894 – Research **Credit:** 2 hours

Required (Credit: 20 hours)

- BIOL 4530K – Molecular Biology **Credit:** 4 hours
- BIOL 3540K – Microbiology **Credit:** 4 hours
- MATH 1251 – Calculus I **Credit:** 4 hours

Note: If MATH 1251 is used in Area A then students should take MATH 2252 or a 4 hour 3000 - 4000 level course with a BIOL prefix

AND EITHER

- CHEM 2211K – Organic Chemistry I **Credit:** 4 hours
- CHEM 2212K – Organic Chemistry II **Credit:** 4 hours
- OR**
- PHYS 1111K – Introductory Physics I **Credit:** 4 hours
- PHYS 1112K – Introductory Physics II **Credit:** 4 hours

Electives (Credit: 18 hours)

Select 18 hours from the following:

- BIOL 3113 – Environmental Science **Credit:** 3 hours
- BIOL 3115K – Parasitology **Credit:** 4 hours

- BIOL 3130 – Ethical Issues in Science **Credit:** 3 hours
- BIOL 3350K – Ecology **Credit:** 4 hours
- BIOL 3360K – Plant Biology **Credit:** 4 hours
- BIOL 3510K – Invertebrate Zoology **Credit:** 4 hours
- BIOL 3520K – Vertebrate Zoology **Credit:** 4 hours
- BIOL 4120 – Senior Seminar **Credit:** 2 hours
- BIOL 4150 – Tropical Ecology Studies **Credit:** 4 hours
- BIOL 4321 – Special Topics **Credit:** 2 - 4 hours
- BIOL 4344K – Comparative Vertebrate Anatomy **Credit:** 4 hours
- BIOL 4500 – Immunology **Credit:** 3 hours
- BIOL 4667K – Histology **Credit:** 4 hours
- BIOL 4450K – Mycology **Credit:** 4 hours
- BIOL 4454K – Developmental Biology **Credit:** 4 hours
- BIOL 4774 – Field Biology **Credit:** 4 hours
- BIOL 4894 – Research **Credit:** 2 - 4 hours

Total Hours: 120

Biology Education Track (Credit: 67 hours)

Required Courses (Credit: 34 hours)

- BIOL 3104K – Cell Biology **Credit:** 4 hours
- BIOL 3211 – Evolution **Credit:** 4 hours
- BIOL 3310K – Biochemistry **Credit:** 4 hours
- BIOL 3350K – Ecology **Credit:** 4 hours
- BIOL 3360K – Plant Biology **Credit:** 4 hours
- BIOL 3510K – Invertebrate Zoology **Credit:** 4 hours **OR** BIOL 3520K – Vertebrate Zoology **Credit:** 4 hours
- BIOL 4110K – Genetics **Credit:** 4 hours
- BIOL 4120 – Senior Seminar **Credit:** 2 hours **OR** BIOL 4894 Research **Credit:** 2 - 4 hours
- SCIE 3002K – General Science for Secondary Education **Credit:** 4 hours

Education Courses (Credit: 33 hours)

Note: Students must be admitted to the Secondary Education Certification Track before taking upper division education courses.

- EDUC 2110 – Investigating Critical and Contemporary Issues in Education **Credit:** 3 hours
- EDUC 2120 – Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts **Credit:** 3 hours
- EDUC 2130 – Exploring Learning and Teaching **Credit:** 3 hours
- EDUC 3401 – Explorations into Teaching: A Room With A View **Credit:** 1 hour
- EDUC 3402 – Making Classroom Connections **Credit:** 2 hours
- EDUC 3550 – Assessment for Learning **Credit:** 3 hours
- EDUC 3700 – Teaching/Learning in Secondary Science Environments **Credit:** 4 hours
- EDUC 3702 – Internship in Secondary Biology **Credit:** 3 hours
- EDUC 4704 – Student Teaching Secondary Biology **Credit:** 8 hours
- SPED 3110 – Introduction to the Exceptional Learner **Credit:** 3 hours

Total Hours: 127

Engineering Studies

General Information

Middle Georgia State University (MGA) participates in the Regents' Engineering Transfer Program (RETP) with Georgia Tech (for more information go to: [Georgia Tech RETP Admission Requirements & Procedures](#)). Please note that the RETP program is not a degree program but a curriculum of courses designed to make transfer as an engineering student to Georgia Tech as seamless as possible. The instructors at MGA are committed to teaching and preparing students to meet the challenges of further education and career development in engineering as required by an increasingly technological society.

Regents' Engineering Transfer Program (RETP)

Qualified students seeking a Bachelor of Engineering degree may begin their college studies at Middle Georgia State University through the Regents' Engineering Transfer Program (RETP). Upon successful completion of the RETP, students may transfer to the Georgia Institute of Technology to complete the degree requirements. It is expected that students in this program, like other Georgia Tech graduates, will normally require four to five and one-half years to complete the degree requirements, depending on their pre-college preparation, involvement in extracurricular activities, and engineering major.

To be admitted to the Regents' Engineering Transfer Program at Middle Georgia State University, applicants must present proof of acceptance at Georgia Tech or have achieved at least:

1. A combined SAT score of at least 1090 (including a minimum of 560 on the math and 440 on the verbal portion) and
2. A high school GPA of at least 3.0

Students who do not meet the initial admission criteria may qualify for the RETP after the end of their freshman year by:

1. Completing the first chemistry and the first physics courses and Calculus I and II (CHEM 1211K, PHYS 2111K, MATH 1251 and 2252) with grades of 3.0 (B) or higher, and
2. Attaining a cumulative grade point average (GPA) of 3.0 or higher and a 3.0 GPA in math and science classes. Note, when GPA is calculated all undergraduate courses taken are included, Georgia Tech does not have a *forgiveness policy* which means the original and repeated course and grade will be calculated into the GPA.

Middle Georgia State University faculty members have worked closely with Georgia Tech faculty to assure a curriculum which is well coordinated with that of Georgia Tech.

Regents' Engineering Transfer Program students who satisfactorily complete the RETP curriculum and apply for transfer will be accepted to Georgia Tech. However, admission to the most popular majors, as for other Georgia Tech students, will be based upon overall grade point average, performance in the required prerequisite courses, and availability of student spaces.

Engineering Transfer

Students who wish to transfer to engineering/engineering technology institutions other than Georgia Tech, who want to do a general transfer to Georgia Tech, or who are not initially eligible for the MGA's-RETP program are also encouraged to enter MGA's engineering transfer curriculum. Students interested in completing an Engineering B.S. degree can typically complete their first two years study at MGA and then transfer to their selected senior college to complete their four-year degree. The MGA engineering faculty members work closely with students to assure that their curriculum at MGA is coordinated with the desired major at the senior college of the student's choice. Currently, in addition to Georgia Tech, the University System of Georgia institutions offering four year degrees in various engineering/engineering technology disciplines include: [Georgia Southern University](#), [Fort Valley State University](#), [Savannah State University](#), [Kennesaw State University](#) and the [University of Georgia](#). [Mercer University](#) is a private institution which also offers four year engineering degrees in various disciplines.

Required Engineering Transfer Coursework

MGA Courses Required of All Students Interested in Engineering

- CHEM 1211K – Principles of Chemistry I **Credit:** 4 hours
- ENGL 1101 – English Composition I **Credit:** 3 hours
- ENGL 1102 – English Composition II **Credit:** 3 hours
- MATH 1251 – Calculus I **Credit:** 4 hours
- MATH 2252 – Calculus II **Credit:** 4 hours
- MATH 2253 – Calculus III **Credit:** 4 hours
- PHYS 2211K – Principles of Physics I **Credit:** 4 hours
- PHYS 2212K – Principles of Physics II **Credit:** 4 hours
- Humanities – See Area C and senior college specific requirements **Credit:** 6 hours

- Social Sciences – See Area E and senior college specific requirements **Credit:** 12 hours
- HLTH 1101 – Health **Credit:** 2 hours

Students are strongly encouraged to go to the senior college's website and research specific curriculum requirements as well as transfer credits.

MGA Courses Required of All RETP Students

- CHEM 1211K – Principles of Chemistry I **Credit:** 4 hours
- ENGL 1101 – English Composition I **Credit:** 3 hours
- ENGL 1102 – English Composition II **Credit:** 3 hours
- ENGR 1001 – Introduction to Engineering **Credit:** 3 hours
- MATH 1251 – Calculus I **Credit:** 4 hours
- MATH 1371 – Computing for the Mathematical Sciences **Credit:** 4 hours
- MATH 2252 – Calculus II **Credit:** 4hours
- MATH 2253 – Calculus III **Credit:** 4 hours
- MATH 2260 – Introduction to Linear Algebra **Credit:** 3 hours
- PHYS 2211K – Principles of Physics I **Credit:** 4 hours
- PHYS 2212K – Principles of Physics II **Credit:** 4 hours

In addition to the required and elective courses, students may also complete Humanities, Social Science and lower level Engineering requirements by taking Humanities, Social Science and Engineering courses while at MGA. Students are strongly encouraged to go to the appropriate Georgia Tech engineering school's website and research specific curriculum requirements as well as transfer credits.

Department of Psychology, Sociology, and Criminal Justice

Chair: Dr. David Biek

The mission of the Department of Psychology, Sociology, and Criminal Justice is to provide quality instruction in the fields of psychology, sociology, social work, criminal justice, and public service at both introductory and advanced levels. The Department offers Associate degrees in Psychology, Sociology, Social Work, and Criminal Justice. Associate degrees are designed to prepare graduates for employment and/or to prepare students for baccalaureate study. The Department offers Bachelor's degrees in Psychology, Public Service/Human Services, and Criminal Justice. Bachelor's degrees are designed to prepare graduates for employment in the profession and/or to prepare students for graduate study in the field. All programs are designed to produce analytic, critical thinkers prepared to succeed in meeting the challenges of modern life.

Criminal Justice (B.S.)

The primary purpose of the B.S. Program in Criminal Justice is to provide a rigorous course of study that will prepare students to work successfully with agencies (police, courts, and corrections) that are designed to administer law, achieve justice, reduce crime, and enhance domestic security. It is also designed to prepare students for graduate level studies in such areas as criminal justice and law. The program takes advantage of the proximity of MGA to federal, state, and local law enforcement agencies in our service area.

Admission

Freshman and sophomore students should follow the curriculum outline for the degree. Transfer students may be accepted into the Criminal Justice Program. General education and supporting courses will be evaluated for credit during the admission process. All upper-level transfer courses must be approved by the Department chair and this will be done on a case-by-case basis using transcripts and appropriate university catalog course descriptions. Students transferring academic credits in the program must meet all University residence and transfer-of-credits requirements.

Admission Requirements

Students who wish to pursue a B.S. degree in Criminal Justice must meet the following requirements to be considered for admission to the program:

1. Complete all MGA general institutional admission requirements
2. Declare a major in Criminal Justice
3. Complete all courses in Area F with a grade of "C" or higher in each course.

Curriculum for Bachelor of Science in Criminal Justice

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credit: 12 hours)

- CRJU 1100 – Introduction to Criminal Justice **Credit:** 3 hours
- CRJU 2316 – Introduction to Criminology **Credit:** 3 hours
- CRJU 2317 – Introduction to Criminal Law **Credit:** 3 hours
- CRJU 2318 – Introduction to Corrections **Credit:** 3 hours

Electives (6 hours)

Choose two courses from the following:

- ANTH 1102 – Introduction to Anthropology **Credit:** 3 hours
- BUSA 2201 – Business Information Applications **Credit:** 3 hours
- ECON 2105 – Principles of Macroeconomics **Credit:** 3 hours
- ECON 2106 – Principles of Microeconomics **Credit:** 3 hours
- GEOG 1101 – Introduction to Human Geography **Credit:** 3 hours
- HIST 1111 – History of World Civilizations to 1650 **Credit:** 3 hours
- HIST 1112 – History of World Civilizations Since 1650 **Credit:** 3 hours
- HIST 2111 – United States History to 1865 **Credit:** 3 hours
- HIST 2112 – United States History Since 1865 **Credit:** 3 hours
- POLS 2101 – Introduction to Political Science **Credit:** 3 hours
- POLS 2201 – State and Local Government **Credit:** 3 hours

- POLS 2301 – Introduction to Comparative Politics **Credit:** 3 hours
- POLS 2401 – Introduction to Global Issues **Credit:** 3 hours
- POLS 2601 – Introduction to Public Administration **Credit:** 3 hours
- PSYC 1101 – Introduction to Psychology **Credit:** 3 hours
- SOCI 1101 – Introduction to Sociology **Credit:** 3 hours
- SOCI 1160 – Introduction to Social Problems **Credit:** 3 hours

Upper Level Core (Credit: 60 hours)

Required Courses (Credit: 27 hours)

- CRJU 3020 – Research Methods in Criminal Justice **Credit:** 3 hours
- CRJU 3100 – Ethics in Criminal Justice **Credit:** 3 hours
- CRJU 3110 – Theories of Criminal Behavior **Credit:** 3 hours
- CRJU 3200 – Criminal Procedure and Evidence **Credit:** 3 hours
- CRJU 3311 – Police Systems, Practices and Administration **Credit:** 3 hours
- CRJU 3315 – The American Judicial System **Credit:** 3 hours
- CRJU 3320 – Juvenile Justice System and Delinquency **Credit:** 3 hours
- CRJU 4147 – Criminal Justice Report Writing **Credit:** 3 hours
- CRJU 4930 – Criminal Justice Internship/Capstone **Credit:** 3 hours

Criminal Justice Electives (Credit: 24 hours)

Choose eight courses from the following:

- CRJU 3210 – Organized Crime **Credit:** 3 hours
- CRJU 3247 – Hip Hop Culture & Crime in America **Credit:** 3 hours
- CRJU 3515 – Comparative Criminal Justice Systems **Credit:** 3 hours
- CRJU 3520 – Civil Rights and Civil Liberties **Credit:** 3 hours
- CRJU 4007 – Crime, the Media, & Justice in America **Credit:** 3 hours
- CRJU 4130 – Gender, Ethnicity, and Justice **Credit:** 3 hours
- CRJU 4220 – Family Violence and Abuse **Credit:** 3 hours
- CRJU 4310 – White Collar and Cyber Crime **Credit:** 3 hours
- CRJU 4350 – Corrections and Community-based Policing **Credit:** 3 hours
- CRJU 4351 – Police-Community Relations **Credit:** 3 hours
- CRJU 4410 – Contemporary Issues in Corrections **Credit:** 3 hours
- CRJU 4500 – Ecology of Crime **Credit:** 3 hours
- CRJU 4507 – Homeland Security **Credit:** 3 hours
- CRJU 4550 – Terrorism **Credit:** 3 hours

General Electives (Credit: 9 hours)

Choose three courses from the following:

- COMM 1110 – Public Speaking **Credit:** 3 hours
- CRJU 2999 – Special Topics in Criminal Justice **Credit:** 3 hours
- ENGL 2208 – Technical Communication (unless used in Areas A-F) **Credit:** 3 hours
- MATH 1200 – Elementary Statistics (unless used in Areas A-F) **Credit:** 3 hours
- POLS 2401 – Introduction to Global Issues (unless used in Areas A-F) **Credit:** 3 hours
- PSYC 2101 – Introduction to Psychology of Adjustment (unless used in Areas A-F) **Credit:** 3 hours
- SOCI 1101 – Introduction to Sociology (unless used in Areas A-F) **Credit:** 3 hours
- SOCI 1160 – Introduction to Social Problems (unless used in Areas A-F) **Credit:** 3 hours
- SPAN 1001 – Elementary Spanish I (unless used in Areas A-F) **Credit:** 3 hours
- SPAN 1002 – Elementary Spanish II (unless used in Areas A-F) **Credit:** 3 hours

Total Hours: 120

Psychology (B.S.)

The Bachelor of Science Degree in Psychology offers students the opportunity to explore the breadth and depth of the science of behavior and the mind. The degree prepares students for graduate level study and for various professional positions in business, law, and health care. Specific concentrations within the program help students to focus more clearly on future professional goals.

Admission

Freshman and sophomore students should follow the curriculum outline for the degree. Transfer students may be accepted into the Psychology Program. General education and supporting courses will be evaluated for credit during the admission process. All upper-level transfer courses must be approved by the chair of Psychology, Sociology, and Criminal Justice. This will be done on a case-by-case basis using transcripts and appropriate college catalog course descriptions. Students transferring academic credits in the program must meet all university residence and transfer-of-credits requirements. A transfer grade intended to satisfy any Psychology core requirement or major track elective course must be at least a "C."

Admission Requirements:

1. Admission to Middle Georgia State University and in "good standing" with the University
2. Completion of at least 45 semester hours with an overall GPA of 2.00 or higher
3. Completion of Areas A-E of the Core Curriculum
4. Completion of PSYC 1101 (Introduction to Psychology), PSYC 2103 (Introduction to Human Development), PSYC 2101 (Introduction to Psychology of Adjustment) and MATH 1200 (Elementary Statistics), all grades of "C" or higher
5. Completion of all legislatively mandated requirements (U.S. and Georgia history and U.S. and Georgia Constitution requirements)

In addition to the academic regulations of the University, all Psychology core and major track electives must be completed with a grade of "C" or higher. Student must maintain a minimum GPA of 2.00 to remain in good standing.

Curriculum for Bachelor of Science in Psychology

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credit: 9 hours)

- PSYC 1101 – Introduction to General Psychology **Credit: 3 hours**
- PSYC 2101 – Introduction to the Psychology of Adjustment **Credit: 3 hours**
- PSYC 2103 – Introduction to Human Development **Credit: 3 hours**

Electives (Credit: 9 hours)

Choose three courses from the following:

- ANTH 1102 – Introduction to Anthropology **Credit: 3 hours**
- BIOL 1001K – Introductory Biology I **Credit: 4 hours**
- BIOL 1002K – Introductory Biology II **Credit: 4 hours**
- Foreign (Modern) Language (Any) **Credit: 3 hours**
- HIST 1111 – History of World Civilizations to 1650 **Credit: 3 hours**
- HIST 1112 – History of World Civilizations Since 1650 **Credit: 3 hours**
- HIST 2112 – United States History Since 1865 **Credit: 3 hours**
- MATH 1200 – Elementary Statistics **Credit: 3 hours**
- POLS 2601 – Introduction to Public Administration **Credit: 3 hours**
- SOCI 1101 – Introduction to Sociology **Credit: 3 hours**
- SOCI 1160 – Introduction to Social Problems **Credit: 3 hours**
- SOCI 2293 – Introduction to Marriage and the Family **Credit: 3 hours**

Upper Level Core (Credit: 60 hours)

Required Courses (Credit: 18 hours)

- PSYC 3001 – Psychological Statistics **Credit: 3 hours**
- PSYC 3002 – Research Methods **Credit: 3 hours**
- PSYC 3201 – Cross Cultural Psychology **Credit: 3 hours**
- PSYC 3265 – Abnormal Psychology **Credit: 3 hours**
- PSYC 3401 – Biopsychology **Credit: 3 hours**

- PSYC 4001 – Experimental Psychology **Credit: 3 hours**

Developmental Psychology (Credit: 3 hours)

Choose one course from the following:

- PSYC 3140 – Adulthood **Credit: 3 hours**
- PSYC 3150 – Gerontology **Credit: 3 hours**
- PSYC 3500 – Child and Adolescent Psychology **Credit: 3 hours**

Individual Differences (Credit: 3 hours)

Choose one course from the following:

- PSYC 3256 – Social Psychology **Credit: 3 hours**
- PSYC 3277 – Personality Theory **Credit: 3 hours**
- PSYC 4030 – Psychological Testing **Credit: 3 hours**

Biopsychology (Credit: 3 hours)

Choose one course from the following:

- PSYC 3411 – Sensation and Perception **Credit: 3 hours**
- PSYC 3421 – Motivation and Emotion **Credit: 3 hours**
- PSYC 4401 – Evolutionary Psychology **Credit: 3 hours**
- PSYC 4411 – Animal Behavior

Learning and Cognition (Credit: 3 hours)

Choose one course from the following:

- PSYC 3601 – Cognitive Psychology **Credit: 3 hours**
- PSYC 3611 – Risk and Decision-Making **Credit: 3 hours**
- PSYC 3631 – Theories of Learning **Credit: 3 hours**
- PSYC 4601 – Psycholinguistics **Credit: 3 hours**

Applied Psychology (Credit: 3 hours)

Choose one course from the following:

- PSYC 3285 – Industrial/Organizational Behavior **Credit: 3 hours**
- PSYC 4500 – Children, Families, and the Law **Credit: 3 hours**
- PSYC 4550 – Forensic Psychology **Credit: 3 hours**

Major Area of Concentration (Credit: 12 hours)

In consultation with an advisor, a student will complete all courses in one area of concentration.

Developmental Concentration

- PSYC 3130 – The Transition to Adolescence **Credit: 3 hours** **OR** MGED 3130 – Transition to Adolescence **Credit: 3 hours**
- PSYC 3150 – Gerontology **Credit: 3 hours**
- PSYC 3500 – Child and Adolescent Psychology **Credit: 3 hours**
- PSYC 4500 – Children, Families, and the Law **Credit: 3 hours**

Pre-clinical and Counseling Concentration

- PSYC 3277 – Personality Theory **Credit: 3 hours**
- PSYC 3365 – Theories of Counseling and Psychotherapy **Credit: 3 hours**
- PSYC 4030 – Psychological Testing **Credit: 3 hours**
- PSYC 4550 – Forensic Psychology **Credit: 3 hours**

Psychology and Law Concentration

- PSYC 3550 – Law and Ethics and in Psychology **Credit: 3 hours**
- PSYC 4500 – Children, Families, and the Law **Credit: 3 hours**
- PSYC 4550 – Forensic Psychology **Credit: 3 hours**
- SOCI 4110 – Deviance and Social Control **Credit: 3 hours**

Leadership and Training/Business Concentration

- PSYC 3256 – Social Psychology **Credit:** 3 hours
- PSYC 3260 – Group Dynamics **Credit:** 3 hours
- PSYC 3285 – Industrial/Organizational Behavior **Credit:** 3 hours
- PBSV 3040 – Conflict Resolution and Negotiation **Credit:** 3 hours

Outside Electives (Credit: 15 hours)

Student may choose any five courses outside psychology selected from the 3000- and 4000- level for which the prerequisites have been met. A maximum of two additional PSYC courses can be counted toward satisfying this section of the degree program. Students are strongly encouraged to take additional coursework in the humanities, natural sciences, computer science, foreign (modern) language, and business.

Total Hours: 120

Public Service/ Human Services (B.S.)

Public Service is a term encompassing a large variety of occupations performed in the public interest. Most of these jobs are in local, state, and federal government; public and private agencies; and enterprises established to provide social services. The Bachelor of Science degree in Public Service/Human Services is designed to prepare graduates for entry into this occupational sphere.

All students in the Public Service program will take courses specifically designed to meet current and future job requirements. Courses include abnormal psychology, public agency management, conflict resolution and crisis management, interviewing techniques, program assessment and research methods, ethics of public service, funding sources and grant writing, legal issues, and internship. Curricular flexibility is deliberately structured into the Human Services major, which permits students to take courses in information technology, business management, health services, and other areas. Students, in consultation with the program coordinator, design their programs to suit individual academic and occupational goals.

The Public Service degree in Human Services prepares students for entry into a variety of public and private sector situations. The degree is excellent preparation for students interested in pursuing graduate level study, law school, and other professional endeavors. The fields of law, health, and business provide opportunities for other entry-level human services positions for which the degree is appropriate training.

Admission:

Freshman and sophomore students should follow the curriculum outlined for the degree. Transfer students may be accepted into the Public Service program. General education and supporting courses will be evaluated for credit during the admission process. All upper-level transfer courses must be approved by the Chair of the Department of Psychology and Criminal Justice. This will be done on a case-by-case basis using transcripts and appropriate college catalog course descriptions. Students transferring academic credits into the program must meet all University residence and transfer-of-credit requirements. A transfer grade intended to satisfy any Public Service core requirement, Human Service requirement or track elective course must be at least a "C."

Admission Requirements:

Submission of the "Application for Admission to the Bachelor of Science in Public Service/Human Services Program." Included in the application are the following requirements for admission:

1. Admission to Middle Georgia State University and in "good standing" with the University.
2. Completion of at least 45 semester hours with an overall GPA of 2.00 or higher.
3. Completion of Areas A-E of the Core Curriculum.
4. Completion of PSYC 1101 (Introduction to General Psychology), PSYC 2103 (Introduction to Human Development), MATH 1200 (Elementary Statistics), and SOCI 1101 (Introduction to Sociology), all with grades of at least a "C."
5. Completion of all legislatively mandated requirements (U.S. and Georgia history and U.S. and Georgia Constitution requirements).

In addition to the academic regulations of the University, all PBSV core and track required/elective courses must be completed with a grade of "C" or higher. Students must maintain a minimum GPA of 2.00 to remain in good standing.

Curriculum for Bachelor of Science in Public Service/Human Services

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credit: 6 hours)

- PSYC 1101 - Introduction to General Psychology **Credit:** 3 hours **OR** PSYC 1101H - Honors Introduction to General Psychology **Credit:** 3 hours
- PSYC 2103 - Introduction to Human Development **Credit:** 3 hours

Electives (Credit: 12 hours)

Courses recommended for Area F Electives are: ANTH 1102, CRJU 1100, CRJU 2316, CRJU 2317, CRJU 2318, HIST 1111, HIST 1112, HIST 2112, HIST 2280, POLS 2101, POLS 2201, POLS 2301, POLS 2401, POLS 2501, POLS 2601, SOCI 1160, and SOCI 2293

Upper Level Core (Credit: 60 hours)

Required Courses (Credit: 24 hours)

- PBSV 3001 – Social Context of Public Service Agencies **Credit:** 3 hours
- PBSV 3010 – Public Service Management **Credit:** 3 hours

- PBSV 3020 – Research Methods **Credit:** 3 hours
- PBSV 3040 – Conflict Resolution and Negotiation **Credit:** 3 hours
- PBSV 4030 – Program Funding and Evaluation **Credit:** 3 hours
- PBSV 4950 – Senior Project **Credit:** 3 hours OR PBSV 4996 - Internship in Public Service **Credit:** 3 hour
- PSYC 3265 – Abnormal Psychology **Credit:** 3 hours
- PSYC 3330 – Interviewing **Credit:** 3 hours

Track Electives (Credit: 21 hours)

Choose seven courses from the following:

- PSYC 3256 – Social Psychology **Credit:** 3 hours
- PSYC 3277 – Personality Theory **Credit:** 3 hours
- PSYC 3500 – Child and Adolescent Psychology **Credit:** 3 hours
- PSYC 4030 – Psychological Testing **Credit:** 3 hours
- PSYC 4298 – Applied Learning **Credit:** 3 hours
- PSYC 4500 – Children, Families, and the Law
- PSYC 4550 – Forensic Psychology **Credit:** 3 hours
- PSYC 4990 – Seminar in Abnormal Psychology **Credit:** 3 hours
- SOCI 3225 – Social Stratification **Credit:** 3 hours
- SOCI 3250 – Medical Sociology **Credit:** 3 hours
- SOCI 3510 – Community/Urban Sociology **Credit:** 3 hours
- SOCI 4110 – Deviance and Social Control **Credit:** 3 hours
- SOCI 4130 – Gender, Ethnicity and Justice **Credit:** 3 hours
- PSYC/SOCI 3150 – Gerontology **Credit:** 3 hours
- PSYC/SOCI 3260 – Group Dynamics **Credit:** 3 hours
- PSYC/SOCI 3285 – Industrial Organizational Behavior **Credit:** 3 hours
- PBSV 4000 – Children in Crisis **Credit:** 3 hours
- SOCW 4220/CRJU 4220 – Family Violence and Abuse **Credit:** 3 hours

Electives (Credit: 15 hours)

The student will choose, in consultation with the student's academic advisor, any five courses not used to satisfy requirements in another area. A maximum of two additional PSYC courses can be counted toward satisfying this requirement. At least nine hours must be at the 3000 and 4000 level.

Total Hours: 120

Criminal Justice (A.S.)

Curriculum for the Associate of Science in Criminal Justice

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credit: 12 hours)

- CRJU 1100 – Introduction to Criminal Justice **Credit: 3 hours**
- CRJU 2316 – Introduction to Criminology **Credit: 3 hours**
- CRJU 2317 – Introduction to Criminal Law **Credit: 3 hours**
- CRJU 2318 – Introduction to Corrections **Credit: 3 hours**

Electives (Credit: 6 hours)

Select two courses from the following:

- ANTH 1102 – Introduction to Anthropology **Credit: 3 hours**
- BUSA 2201 – Business Information Applications **Credit: 3 hours**
- ECON 2105 – Principles of Macroeconomics **Credit: 3 hours**
- ECON 2106 – Principles of Microeconomics **Credit: 3 hours**
- GEOG 1101 – Introduction to Human Geography **Credit: 3 hours**
- HIST 1111 – History of World Civilizations to 1650 **Credit: 3 hours**
- HIST 1112 – History of World Civilizations Since 1650 **Credit: 3 hours**
- HIST 2111 – United States History to 1865 **Credit: 3 hours**
- HIST 2112 – United States History Since 1865 **Credit: 3 hours**
- POLS 2101 – Introduction to Political Science **Credit: 3 hours**
- POLS 2201 – State and Local Government **Credit: 3 hours**
- POLS 2301 – Introduction to Comparative Politics **Credit: 3 hours**
- POLS 2401 – Introduction to Global Issues **Credit: 3 hours**
- POLS 2601 – Introduction to Public Administration **Credit: 3 hours**
- PSYC 1101 – Introduction to Psychology **Credit: 3 hours**
- SOCI 1101 – Introduction to Sociology **Credit: 3 hours**
- SOCI 1160 – Introduction to Social Problems **Credit: 3 hours**

Total Hours: 60

Public Safety (A.S.)

The Public Safety program provides a theoretical and applied approach to the professional education of students, while ensuring relevance to the security and public safety sector at the state and local level. The public safety program emphasizes the fundamentals of basic law enforcement while providing an interdisciplinary course of study in the skills and practices of criminal investigation. The program highlights the application of legal statute; the utilization of communication skills at the personal, professional, and public level; and the development of professional skills and knowledge in the field of public safety. Upon completion of the program and successful certification by POST the candidate will qualify for a law enforcement position in the state of Georgia.

Curriculum for the Associate of Science in Public Safety

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credit: 18 hours)

- PBSF 1100 – Introduction to Policing **Credit:** 4 hours
- PBSF 2010 – Public Safety Investigations **Credit:** 4 hours
- PBSF 2012 – Public Safety Report Writing **Credit:** 3 hours
- PBSF 2000 – Legal Issues in Public Safety **Credit:** 4 hours
- PBSF 2130 – Special Operations in Public Safety **Credit:** 3 hours

Total Hours: 60

Criminal Justice (Certificate)

The Criminal Justice program offers students an opportunity to earn a certificate. This program is designed to provide both a theoretical and practical foundation for a career in criminal justice and/or law enforcement and introduces the student to such topics as strategies for the protection of personnel and property, and for understanding, preventing, and investigating criminal activity.

Curriculum for the Certificate in Criminal Justice

CRJU 1101 - Introduction to Criminal Justice **Credit:** 3 hours
CRJU 2316 - Introduction to Criminology **Credit:** 3 hours
CRJU 2317 - Introduction to Criminal Law **Credit:** 3 hours
CRJU 2318 - Introduction to Corrections **Credit:** 3 hours
POLS 2601 - Introduction to Public Administration **Credit:** 3 hours

Choose one from the following courses:

HLTH 1101 - Health **Credit:** 2 hours
HEXS 1140 - First Aid & CPR **Credit:** 1 hour

Total Hours: 16 - 17 hours

Public Safety (Certificate)

The Public Safety Certificate program provides a theoretical and applied approach to the professional education of students, while ensuring relevance to the security and public safety sector at the state and local level. The public safety program emphasizes the fundamentals of basic law enforcement while providing an interdisciplinary course of study in the skills and practices of criminal investigation. The program highlights the application of legal statute; the utilization of communication skills at the personal, professional, and public level; and the development of professional skills and knowledge in the field of public safety.

Curriculum for the Certificate in Public Safety

Required Courses (Credit: 33 hours)

- PBSF 1100 – Introduction to Policing **Credit:** 4 hours
- PBSF 2000 – Legal Issues in Public Safety **Credit:** 4 hours
- PBSF 2010 – Public Safety Investigations **Credit:** 4 hours
- PBSF 2012 – Public Safety Report Writing **Credit:** 3 hours
- PBSF 2014 – Criminal Investigations and Statutes **Credit:** 4 hours
- PBSF 2016 – Motor Vehicle and Traffic Laws **Credit:** 5 hours
- PBSF 2110 – Health Issues in Public Safety **Credit:** 1 hour
- PBSF 2120 – Public Safety Tactical Field Training Lab **Credit:** 4 hours
- PBSF 2130 – Special Operations in Public Safety **Credit:** 3 hours
- HEXS 1140 – First Aid **Credit:** 1 hour

Total Hours: 33 hours

School of Aviation

Dean: Adon Clark

The Middle Georgia State University School of Aviation awards a Bachelor of Science in Aviation Science and Management with tracks in Flight, Management, and Fixed Based Operations (FBO) Management, Logistics Management, Space, Advanced Airplane, Advanced Helicopter, and Maintenance Management. Graduates are solidly prepared for hiring and advancement in the highly competitive aviation industry.

The school also offers Associate of Applied Science and/or certificate programs in Aviation Maintenance Technology (Airframe and Powerplant), Aircraft Structural Technology, Flight Technology, Airline Management, Airport Management, Air Traffic Management, and UAS Operator.

The airplane fleet is equipped with some of the most modern and advanced avionics systems available. Helicopter instruction includes NVG and Part 133 Slingload operations. The Aviation Maintenance Technology department has been cited as one of the highest quality programs available in the United States. The Aviation Structural Technology program is a recognized leader in advanced composites, metalwork, and manufacturing technologies.

The School of Aviation faculty is composed of experienced, credentialed executives and leaders from the airline industry, corporate aviation, military, and government sectors. We maintain professional affiliations with major airlines, manufacturers, aircraft maintenance organizations, and service firms. Many of our graduates find employment with these and other organizations immediately following graduation.

The Middle Georgia State University Institute for Applied Aerospace Research produced major components for the James Webb Space Telescope, produced and tested several Unmanned Aerial Vehicles, applied advanced composite technology to U.S. Department of the Army light weight initiative projects, and completed applied research development and testing projects for numerous commercial firms and university partners.

Admission to the School of Aviation is competitive. Applicants should contact the appropriate department within the School of Aviation for information well in advance of their planned enrollment date.

Department of Aviation Maintenance and Structural Technology

Chair: Paul Kehayes

The Aviation Maintenance Technology (AMT) Associate of Applied Science degree program prepares students for careers in aircraft maintenance and repair. The program philosophy stresses a combination of knowledge, skills, and practical experience in accordance with Federal Aviation Regulations. Upon successful completion, a student will be prepared for Federal Aviation Administration (FAA) oral, practical and written examinations. Once certificated by the FAA, a graduate is qualified to perform duties and responsibilities of an Airframe and Powerplant (A&P) mechanic.

Graduates can find employment with airport fixed base operations, charter air services, regional or major airlines, the military, aviation suppliers, manufacturers, and the FAA. Program graduates will be competent in the fundamentals of aircraft and engine electrical, electronic, hydraulic, pneumatic, and mechanical systems maintenance, application, and troubleshooting.

The Aircraft Structural Technology (AST) program combines aircraft sheet metal theory and skills with practical experience to prepare the graduate for successful entry-level employment, and advancement in the manufacture and repair fields. Precision measurement, pneumatic drilling, riveting and repairing aircraft structures, inspecting and diagnosing aircraft damage, cutting and forming aircraft metals, fabricating and repairing flight control components, fiberglass, metal bonded, and honeycomb structures, as well as advanced composites are covered.

A grade of C or higher is required in all AMTP and/or ASTP courses.

Aviation Maintenance Technology (A.A.S.)

Curriculum for Associate of Applied Science in Aviation Maintenance Technology

Note: The Associate of Applied Science in Aviation Maintenance Technology fulfills general education requirement for a career associate degree.

Critical Reading and Writing (Credit: 6 hours)

- ENGL 1101 – English Composition I **Credit:** 3 hours
- ENGL 1102 – English Composition II **Credit:** 3 hours

Natural Sciences / Mathematics Elective (Credit: 3 hours)

- Area A Math **Credit:** 3 hours

Note: ENGL 1101, ENGL 1102, and the Mathematics elective must be completed within the first 30 hours.

Humanities/Fine Arts Elective (Credit: 3 hours)

Choose one of the following courses:

- ENGL 2111 – World Literature I **Credit:** 3 hours
- ENGL 2112 – World Literature II **Credit:** 3 hours

Institutional Electives (Credit: 4 hours)

- Perspectives Elective **Credit:** 4 hours

Social/Behavioral Sciences (Credit: 6 hours)

- HIST 2111 – United States History to 1865 **Credit:** 3 hours **OR** HIST 2112 – United States History since 1865 **Credit:** 3 hours
- POLS 1101 – American Government **Credit:** 3 hours

Major Field Courses (Credit: 65 hours)

- AMTP 1000 – Aviation Math **Credit:** 1 hour
- AMTP 1010 – Aircraft Maintenance Regulations **Credit:** 2 hours
- AMTP 1020 – Aircraft Applied Science **Credit:** 7 hours
- AMTP 1030 – Aircraft Electricity/Electronics **Credit:** 3 hours
- AMTP 1210 – Aviation Physics **Credit:** 1 hour
- AMTP 2010 – Aircraft Airframe Structures **Credit:** 2 hours
- AMTP 2020 – Airframe Sheetmetal & Non-Metallic Structures **Credit:** 5 hours
- AMTP 2040 – Airframe Assembly & Rigging **Credit:** 2 hours
- AMTP 2050 – Airframe Inspections **Credit:** 3 hours
- AMTP 2060 – Aircraft Hydraulic, Pneumatic & Landing Gear Systems **Credit:** 3 hours

- AMTP 2080 – Aircraft Environmental Control Systems **Credit:** 5 hours
- AMTP 2090 – Aircraft Electrical, Communication & Navigation Systems **Credit:** 5 hours
- AMTP 2210 – Reciprocating Engine Powerplants **Credit:** 6 hours
- AMTP 2230 – Gas Turbine Powerplants **Credit:** 5 hours
- AMTP 2250 – Aircraft Engine Inspections **Credit:** 1 hour
- AMTP 2260 – Aircraft Engine Fuel & Fuel Metering Systems **Credit:** 4 hours
- AMTP 2270 – Aircraft Engine Electrical, Ignition & Starting Systems **Credit:** 5 hours
- AMTP 2280 – Aircraft Powerplant Accessory Systems **Credit:** 5 hours

Note: AVNC 1030 Aircraft Electric/Electronic Systems installation is available as an elective course for Avionics Installation.

Total Hours: 87

Aircraft Structural Technology (A.A.S.)

The Aircraft Structural Technology Associate of Applied Science (AAS) is a degree program that emphasizes aircraft structural theory and practical application necessary for successful employment in the field. Graduates with the AAS tend to start out at a higher wage and/or advance at a faster pace than those with just the one year certificate. All students **MUST** be accepted to the program after acceptance to MGA. To be accepted to the program you must complete and submit an application to the School of Aviation as stated on the Aviation Technology application.

A grade of "C" or higher is required in all core (ASTP) classes in order to graduate from this program.

Curriculum for the Associate of Applied Science in Aircraft Structural Technology

Note: The Associate of Applied Science in Aircraft Structural Technology fulfills general education requirement for a career associate degree.

Critical Reading and Writing (Credit: 6 hours)

- ENGL 1101 – English Composition I **Credit:** 3 hours
- ENGL 1102 – English Composition II **Credit:** 3 hours

Natural Sciences / Mathematics Elective (Credit: 3 hours)

- Area A Math **Credit:** 3 hours

Note: ENGL 1101, ENGL 1102, and the Mathematics elective must be completed within the first 30 hours.

Humanities/Fine Arts Elective (Credit: 3 hours)

Choose one of the following courses:

- ENGL 2111 – World Literature I **Credit:** 3 hours
- ENGL 2112 – World Literature II **Credit:** 3 hours

Institutional Electives (Credit: 4 hours)

- Perspectives Elective **Credit:** 4 hours

Social/Behavioral Sciences (Credit: 6 hours)

- HIST 2111 – United States History to 1865 **Credit:** 3 hours OR HIST 2112 – United States History since 1865 **Credit:** 3 hours
- POLS 1101 – American Government **Credit:** 3 hours

Major Requirements (39 hours)

- ACES 1000 – Aviation Career Employability Skills I **Credit:** 3 hours
- ASTP 1000 – Applied Technical Math **Credit:** 3 hours
- ASTP 1010 – Basic Blueprint Reading **Credit:** 3 hours
- ASTP 1020 – Aircraft Blueprint Reading **Credit:** 3 hours
- ASTP 1037 – Aircraft Aerodynamics & Structural Fundamentals **Credit:** 6 hours
- ASTP 1090 – Composites & Bonded Structures **Credit:** 6 hours
- ASTP 1104 – Structural Layout, Fabrication, & Sealants **Credit:** 6 hours
- ASTP 1112 – Aircraft Metallurgy & Corrosion Control **Credit:** 6 hours
- ASTP 1158 – Technical Publications & Aerospace Quality Control **Credit:** 3 hours

Total Hours: 61

Aviation Maintenance Technology Certificates (Airframe, Powerplant, Airframe and Powerplant)

The Aviation Maintenance Technology (AMT) certificate program prepares students for careers in aircraft maintenance and repair. The program philosophy stresses a combination of knowledge, skills, and practical experience in accordance with Federal Aviation Regulations. Upon successful completion, a student will be prepared for Federal Aviation Administration (FAA) oral, practical and written examinations. Once certificated by the FAA, a graduate is qualified to perform duties and responsibilities of an Airframe and Powerplant (A&P) mechanic.

Graduates can find employment with airport fixed base operations, charter air services, regional or major airlines, the military, aviation suppliers, manufacturers, and the FAA. Program graduates will be competent in the fundamentals of aircraft and engine electrical, electronic, hydraulic, pneumatic, and mechanical systems maintenance, application, and troubleshooting.

A grade of C or higher is required in all AMTP courses.

Aviation Maintenance Technology (Certificate)

Curriculum for Certificate in Aviation Maintenance Technology

- AMTP 1000 – Aviation Mathematics **Credit:** 1 hour
- AMTP 1010 – Aircraft Maintenance Regulations **Credit:** 2 hours
- AMTP 1020 – Aircraft Applied Sciences **Credit:** 7 hours
- AMTP 1030 – Aircraft Electricity and Electronics **Credit:** 3 hours
- AMTP 1210 – Aviation Physics **Credit:** 1 hour
- AMTP 2010 – Aircraft Airframe Structures **Credit:** 2 hours
- AMTP 2020 – Airframe Sheet Metal and Non-Metallic Structures **Credit:** 5 hours
- AMTP 2040 – Airframe Assembly and Rigging **Credit:** 2 hours
- AMTP 2050 – Airframe Inspection **Credit:** 3 hours
- AMTP 2060 – Aircraft Hydraulic, Pneumatic & Landing Gear Systems **Credit:** 3 hours
- AMTP 2080 – Aircraft Environmental Control Systems **Credit:** 5 hours
- AMTP 2090 – Aircraft Electrical, Communication, and Navigation Systems **Credit:** 5 hours
- AMTP 2210 – Reciprocating Engine Powerplants **Credit:** 6 hours
- AMTP 2230 – Gas Turbine Powerplants **Credit:** 5 hours
- AMTP 2250 – Aircraft Engine Inspections **Credit:** 1 hour
- AMTP 2260 – Aircraft Engine Fuel & Fuel Metering Systems **Credit:** 4 hours
- AMTP 2270 – Aircraft Engine Electrical, Ignition & Starting Systems **Credit:** 5 hours
- AMTP 2280 – Aircraft Powerplant Accessory Systems **Credit:** 5 hours

Total Hours: 65

Aviation Maintenance Technology-Airframe (Certificate)

The Airframe certificate program prepares students for careers in aircraft airframe maintenance. The program philosophy stresses a combination of knowledge, skills, and practical experience in accordance with Federal Aviation Regulations. Upon successful completion, a student will be prepared for Federal Aviation Administration (FAA) oral, practical and written examinations for the FAA General and Airframe certification. Once certificated by the FAA, a graduate is qualified to perform duties and responsibilities of an Airframe mechanic.

Curriculum for Certificate in Aviation Maintenance Technology-Airframe

Entrance Dates: Each Semester, Day classes available

Campus Location: Eastman, Georgia

A grade of C or higher is required in all AMTP courses.

- AMTP 1000 – Aviation Mathematics **Credit:** 1 hour
- AMTP 1010 – Aircraft Maintenance Regulations **Credit:** 2 hours
- AMTP 1020 – Aircraft Applied Sciences **Credit:** 7 hours
- AMTP 1030 – Aircraft Electricity and Electronics **Credit:** 3 hours
- AMTP 1210 – Aviation Physics **Credit:** 1 hour
- AMTP 2010 – Aircraft Airframe Structures **Credit:** 2 hours
- AMTP 2020 – Airframe Sheet Metal and Non-Metallic Structures **Credit:** 5 hours
- AMTP 2040 – Airframe Assembly and Rigging **Credit:** 2 hours
- AMTP 2050 – Airframe Inspection **Credit:** 3 hours
- AMTP 2060 – Aircraft Hydraulic, Pneumatic & Landing Gear Systems **Credit:** 3 hours

- AMTP 2080 – Aircraft Environmental Control Systems **Credit:** 5 hours
- AMTP 2090 – Aircraft Electrical, Communication, and Navigation Systems **Credit:** 5 hours

Note: AVNC 1030 Aircraft Electric/Electronic Systems Installation is available as an elective course for Avionics Installation.

Total Hours: 39

Aviation Maintenance Technology-Powerplant (Certificate)

The Powerplant certificate program prepares students for careers in aircraft Powerplant (Engine) maintenance. The program philosophy stresses a combination of knowledge, skills, and practical experience in accordance with Federal Aviation Regulations. Upon successful completion, a student will be prepared for Federal Aviation Administration (FAA) oral, practical and written examinations for the FAA General and Powerplant certification. Once certificated by the FAA, a graduate is qualified to perform duties and responsibilities of a Powerplant mechanic.

Curriculum for Certificate in Aviation Maintenance Technology- Powerplant

Entrance Dates: Each Semester, Day classes available

Campus Location: Eastman, Georgia

A grade of C or higher is required in all AMTP courses.

- AMTP 1000 – Aviation Mathematics **Credit:** 1 hours
- AMTP 1010 – Aircraft Maintenance Regulations **Credit:** 2 hours
- AMTP 1020 – Aircraft Applied Sciences **Credit:** 7 hours
- AMTP 1030 – Aircraft Electricity and Electronics **Credit:** 3 hours
- AMTP 1210 – Aviation Physics **Credit:** 1 hours
- AMTP 2210 – Reciprocating Engine Powerplants I **Credit:** 6 hours
- AMTP 2230 – Gas Turbine Powerplants **Credit:** 5 hours
- AMTP 2250 – Aircraft Engine Inspection **Credit:** 1 hour
- AMTP 2260 – Aircraft Engine Fuel and Fuel Metering Systems **Credit:** 4 hours
- AMTP 2270 – Aircraft Engine Electrical, Ignition, & Starting Systems **Credit:** 5 hours
- AMTP 2280 – Aircraft Powerplant Accessory Systems **Credit:** 5 hours

Total hours: 40

Aviation Maintenance Technology Airframe and Powerplant (Certificate)

Curriculum for Certificate in Aviation Maintenance Technology-Airframe and Powerplant

Entrance Dates: Each Semester. Day classes only.

Campus Location: Eastman, Georgia

A grade of C or higher is required in all AMTP courses.

- AMTP 1000 – Aviation Mathematics **Credit:** 1 hour
- AMTP 1010 – Aircraft Maintenance Regulations **Credit:** 2 hours
- AMTP 1020 – Aircraft Applied Sciences **Credit:** 7 hours
- AMTP 1030 – Aircraft Electricity and Electronics **Credit:** 3 hours
- AMTP 1210 – Aviation Physics –**Credit:** 1 hour
- AMTP 2010 – Aircraft Airframe Structures **Credit:** 2 hours
- AMTP 2020 – Airframe Sheet Metal and Non-Metallic Structures **Credit:** 5 hours
- AMTP 2040 – Airframe Assembly and Rigging **Credit:** 2 hours
- AMTP 2050 – Airframe Inspection **Credit:** 3 hours
- AMTP 2060 – Aircraft Hydraulic, Pneumatic & Landing Gear Systems **Credit:** 3 hours
- AMTP 2080 – Aircraft Environmental Control Systems **Credit:** 5 hours
- AMTP 2090 – Aircraft Electrical, Communication, and Navigation Systems **Credit:** 5 hours
- AMTP 2210 – Reciprocating Engine Powerplants **Credit:** 6 hours
- AMTP 2230 – Gas Turbine Powerplants **Credit:** 5 hours
- AMTP 2250 – Aircraft Engine Inspection **Credit:** 1 hour
- AMTP 2260 – Aircraft Engine Fuel and Fuel Metering Systems **Credit:** 4 hours
- AMTP 2270 – Aircraft Engine Electrical, Ignition, & Starting Systems **Credit:** 5 hours
- AMTP 2280 – Aircraft Powerplant Accessory Systems **Credit:** 5 hours

Note: AVNC 1030 Aircraft Electric/Electronic Systems Installation is available as an elective course for Avionics Installation.

Total Hours: 65

Aircraft Structural Technology Certificates (Aircraft Structural Technology and Aircraft Structural Technology Worker)

Aircraft Structural Technology (Certificate)

The Aircraft Structural Technology Certificate is a certificate program that emphasizes aircraft structural theory and practical application necessary for successful employment in the field.

All students **MUST** be accepted to the program after acceptance to MGA. To be accepted to the program you must complete and submit an application to the School of Aviation as stated on the Aviation Technology application.

A grade of "C" or higher is required in all core (ASTP) classes in order to graduate from this program.

Curriculum for the Certificate in Aircraft Structural Technology

Entrance Dates: Fall & Spring Semesters. Day and evening classes available (minimum of ten students required for evening classes).

Campus Location: Eastman, Georgia

- ACES 1000 – Aviation Career Employability Skills I **Credit:** 3 hours
- ASTP 1000 – Applied Technical Math **Credit:** 3 hours
- ASTP 1010 – Basic Blueprint Reading **Credit:** 3 hours
- ASTP 1020 – Aircraft Blueprint Reading **Credit:** 3 hours
- ASTP 1037 – Aircraft Aerodynamics and Structural Fundamentals **Credit:** 6 hours
- ASTP 1090 – Composites and Bonded Structures **Credit:** 6 hours
- ASTP 1104 – Structural Layout, Fabrication, and Sealants **Credit:** 6 hours
- ASTP 1112 – Aircraft Metallurgy and Corrosion Control **Credit:** 6 hours
- ASTP 1158 – Technical Publications and Aerospace Quality Control **Credit:** 3 hours

Total Hours: 39

Aircraft Structural Technology - Structural Worker (Certificate)

The Aircraft Structural Worker is a two semester mini certificate program that provides the student with basic skills and knowledge of the aircraft structural worker. This program is designed to give the student an understanding of aircraft manufacturing and assembly techniques as well as upgrade the skills of current aircraft structural personnel working in the field. All students **MUST** be accepted to the program after acceptance to MGA. To be accepted to the program you must complete and submit an application to the School of Aviation as stated on the Aviation Technology application.

A grade of "C" or higher is required in all classes in order to graduate from this program.

Curriculum for the Certificate in Aircraft Structural Worker

Entrance Dates: Fall & Spring Semesters.

Day and evening classes available (minimum of ten students required for evening classes).

Campus Location: Eastman, Georgia

- ASTP 1000 – Applied Technical Math **Credit:** 3 hours
- ASTP 1010 – Basic Blueprint Reading **Credit:** 3 hours
- ASTP 1020 – Aircraft Blueprint Reading **Credit:** 3 hours
- ASTP 1037 – Aircraft Aerodynamics and Structural Fundamentals **Credit:** 6 hours
- ASTP 1104 – Structural Layout, Fabrication, and Sealants **Credit:** 6 hours

Total Hours: 21

Department of Aviation Science and Management

Chair: Ed Weathersbee

The courses in the Department of Aviation Science and Management provide foundational knowledge to students in the Flight Technology, Air Traffic Control, Aviation Management and other aviation programs through core aviation academics. In addition to the foundational academic coursework, the Department delivers the ground school courses required by the FAA under 14CFR Part 141 for training from private pilot through Airline Transport Pilot and CFII. Degree programs in the ASM department are the Bachelor of Science in Aviation Science and Management with tracks in Flight, Management (available online), Logistics Management (available online), Space (available online), FBO Management, Maintenance Management, Advanced Airplane and Advanced Helicopter. The Department of ASM also offers an Associate of Applied Science in Air Traffic Management degree as well as certificates in Airline Management and Airport Management.

Students must maintain a minimum institutional grade-point average (GPA) of 2.5 to remain in an Aviation Bachelor of Science program. Students must maintain a minimum institutional GPA of 2.5 to remain in the Associate of Applied Science in Air Traffic Management. The student will be placed on probation if the GPA falls below 2.5. If the respective GPA does not show improvement the next semester, the student will not be allowed to take aviation courses. If the student has not returned to the required level of GPA in two semesters following probation (including summer), the student may be removed from the aviation program.

Students requiring learning support courses will not be accepted into any Aviation Bachelor of Science program or the Associate of Applied Science in Air Traffic Management program until they have completed and passed their learning support courses.

Aviation Science and Management (B.S.)

Curriculum for Bachelor of Science in Aviation Science and Management

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

- ECON 2105 – Principles of Macroeconomics **Credit:** 3 hours **OR** ECON 2106 Principles of Microeconomics **Credit:** 3 hours
- AERO 2102 – Aviation Meteorology **Credit:** 3 hours
- AERO 2104 – Aviation Safety **Credit:** 3 hours
- AERO 2105 – Aviation Regulations **Credit:** 3 hours
- AERO 2107 – Aviation Law and Insurance **Credit:** 3 hours
- AERO 2108 – Human Factors **Credit:** 3 hours

Core Requirements (Credit: 12 hours)

- AMGT 3203 – Airport Management **Credit:** 3 hours
- AMGT 3204 – International Airline Business **Credit:** 3 hours
- AMGT 4207 – Airline Technical Operations **Credit:** 3 hours
- AMGT 4215 – Critical Topics in Aviation: Capstone Course **Credit:** 3 hours

Choose One Track

Flight Track

Requirements (Credit: 27 hours)

- AERO 2106 – Private Pilot Ground **Credit:** 3 hours
- AVIA 3106 – Private Pilot Flight or AVIA 3081 Private Pilot Flt Helicopter **Credit:** 1 hour
- AVIA 3107 – Instrument Pilot Ground School **Credit:** 3 hours
- AVIA 3018 – Instrument Pilot Flight or AVIA 3083 Instrument Pilot Flight Helicopter I **Credit:** 1 hour
- AVIA 3019 – Commercial Pilot Single Engine GS **Credit:** 3 hours
- AVIA 3020 – Commercial Pilot Flight I or AVIA 3085 Commercial Pilot Flt Helicopter **Credit:** 1 hour
- AVIA 4001 – Advanced Aerodynamics **Credit:** 3 hours
- AVIA 4002 – Advanced Navigation **Credit:** 3 hours
- AVIA 4004 – Advanced Aircraft Systems **Credit:** 3 hours
- AERO 4110 – Aerospace Propulsion Systems **Credit:** 3 hours
- ASPC 3001 – Introduction to Space Flight **Credit:** 3 hours

Electives (Credit: 21 hours)*

Select 12 hours of aviation related courses with prefixes: AERO, AMGT, AMKT, ASPC, ATCM, or AVIA.

Select 9 hours of any additional electives

* At least 6 hours of the 21 hours must be upper-level (3000-4000 level)

Note: Fees associated with specific MGA flight courses and FAA ratings can be found in the School of Aviation Department of Flight portion of the catalog.

Management Track**Requirements (Credit: 27 hours)**

- AERO 2103 – Flight Principles **Credit: 3 hours**
- ATCM 1300 – Fundamentals of Air Traffic Control **Credit: 3 hours** OR ATCM 1200 – Introduction to Air Traffic Control **Credit: 3 hours**
- ASPC 3001 – Introduction to Space Flight **Credit: 3 hours**
- AMGT 3205 – Airport Planning, Construction & Environmental Management **Credit: 3 hours**
- AMKT 3209 – Airline Marketing **Credit: 3 hours**
- AMGT 3210 – Airline Management **Credit: 3 hours**
- AMGT 3209 – Airport Legislative Affairs **Credit: 3 hours**
- AMGT 4206 – Airport Operations, Maintenance, and Security **Credit: 3 hours**
- AMGT 4210 – Airline Financial Management **Credit: 3 hours**

Electives (Credit: 21 hours)

Select 21 hours of electives, at least 6 hours must be upper level.

Choose one of the following (Credit: 3 hours)

- BUSA 1105 – Introduction to Business **Credit: 3 hours**
- ACCT 2101 – Principles of Accounting I **Credit: 3 hours**
- BUSA 2105 – Communicating in the Business Environment **Credit: 3 hours**
- ECON 2105 – Principles of Macroeconomics **Credit: 3 hours** OR (if not taken in Area F lower Division Major Requirement) ECON 2106 – Principles of Microeconomics **Credit: 3 hours**

Choose three of the following (Credit: 9 hours)

- AMGT 3102 – Fundamentals of Aviation Business Ethics **Credit: 3 hours** OR BUSA 3101 – Business Ethics **Credit: 3 hours**
- AMGT 3141 – Fundamentals of Aviation Management **Credit: 3 hours** OR MGMT 3141 – Principles of Management **Credit: 3 hours**
- AMGT 3200 – Globalization and HRM **Credit: 3 hours**
- AMGT 3107 – Fundamentals of Operations Management **Credit: 3 hours**

Choose Three (3) of the following Credit (Credit: 9 hours)

- ACCT 2102 – Principles of Accounting II **Credit: 3 hours**
- ACCT 3114 – Purchasing and Materials Management **Credit: 3 hours**
- Any Non-Required AERO Course **Credit: 3 hours**
- Any Non-Required AMGT Course **Credit: 3 hours**
- Any Non-Required BUSA/MGMT/ECON Course **Credit: 3 hours**

FBO Management Track**Requirements (Credit: 27 hours)**

- AMGT 4301 – Principles of Transportation **Credit: 3 hours**
- AMGT 3301 – Fixed Base Operations **Credit: 3 hours**
- AMGT 4206 – Airport Operations, Security & Maintenance **Credit: 3 hours**
- AMGT 3305 – General Aviation Aircraft Operations **Credit: 3 hours**
- AMGT 3303 – Training an Effective Line Service **Credit: 3 hours**
- AMGT 3307 – Customer Service for Fixed Base Operations **Credit: 3 hours**
- AERO 2106 – Private Pilot Ground School **Credit: 3 hours**
- AMGT 3200 – Globalization and Human Resource Management **Credit: 3 hours**
- Aviation Elective **Credit: 3 hours**

Electives (Credit: 21 hours)*

Select 12 hours of aviation related courses with prefixes: AERO, AMGT, AMKT, ASPC, ATCM, or AVIA.

Select 9 hours of any additional electives

* At least 6 hours of the 21 hours must be upper-level (3000-4000 level)

Logistics Management Track

Requirements (Credit: 27 hours)

- AMGT 3101 – Business Research Methodology **Credit: 3 hours**
- AMGT 2301 – Introduction to Logistics **Credit: 3 hours**
- AMGT 3200 – Globalization and Human Resource Management **Credit: 3 hours**
- AMGT 3107 – Fundamentals of Operations Management **Credit: 3 hours**
- AMGT 3114 – Purchasing and Materials Management **Credit: 3 hours**
- AMGT 4301 – Principles of Transportation **Credit: 3 hours**
- AMGT 4302 – Supply Chain Management **Credit: 3 hours**
- AMGT 4304 – International Supply Chain Management **Credit: 3 hours**
- AMGT 3211 – Application of Technology in Logistics **Credit: 3 hours**

Electives (Credit: 21 hours)

Select 21 hours of electives, at least 6 hours must be upper level.

Choose one of the following (Credit: 3 hours)

- BUSA 1105 – Introduction to Business **Credit: 3 hours**
- ACCT 2101 – Principles of Accounting I **Credit: 3 hours**
- BUSA 2105 – Communicating in the Business Environment **Credit: 3 hours**
- ECON 2105 – Principles of Macroeconomics **Credit: 3 hours** **OR** (if not taken in Area F lower Division Major Requirement) ECON 2106 – Principles of Microeconomics **Credit: 3 hours**

Choose three of the following (Credit: 9 hours)

- AMGT 3102 – Fundamentals of Aviation Business Ethics **Credit: 3 hours**
OR
BUSA 3101 – Business Ethics **Credit: 3 hours**
- AMKT 3209 – Aviation Marketing **Credit: 3 hours**
OR
MKTG 3161 – Principles of Marketing **Credit: 3 hours**
- AMGT 3141 – Fundamentals of Aviation Management **Credit: 3 hours**
OR
MGMT 3141 Principles of Management **Credit: 3 hours**
- AMGT 4210 – Airline Financial Management **Credit: 3 hours**
OR
FINA 3110 – Principles of Finance **Credit: 3 hours**

Choose three of the following (Credit: 9 hours)

- ACCT 2102 – Principles of Accounting II **Credit: 3 hours**
- Any Non-Required AERO Course **Credit: 3 hours**
- Any Non-Required AMGT Course **Credit: 3 hours**

Maintenance Management Track

Requirements (Credit: 27 hours)

- AVIA 3001 – Aviation Maintenance – General I **Credit: 3 hours**
- AVIA 3002 – Aviation Maintenance – General II **Credit: 3 hours**
- AVIA 3003 – Aviation Maintenance – General III **Credit: 3 hours**
- AVIA 4101 – Aviation Maintenance – Airframe I **Credit: 3 hours**
- AVIA 4102 – Aviation Maintenance – Airframe II **Credit: 3 hours**
- AVIA 4103 – Aviation Maintenance – Airframe III **Credit: 3 hours**
- AVIA 4201 – Aviation Maintenance – Powerplant I **Credit: 3 hours**
- AVIA 4202 – Aviation Maintenance – Powerplant II **Credit: 3 hours**
- AVIA 4203 – Aviation Maintenance – Powerplant III **Credit: 3 hours**

Electives: (Credit: 21 hours)*

Select 12 hours of aviation related courses with prefixes: AERO, AMGT, AMKT, ASPC, or AVIA.

Select 9 hours of any additional electives

* At least 6 hours of the 21 hours must be upper-level (3000-4000 level)

Advanced Flight (Helicopter) Track

Requirements (Credit: 27 hours)

- AERO 2106 – Private Pilot Ground **Credit: 3 hours**
- AVIA 3081 – Private Pilot Flight Helicopter **Credit: 1 hour**
- AVIA 3107 – Instrument Pilot GS **Credit: 3 hours**
- AVIA 3083 – Instrument Pilot Flight Helicopter I **Credit: 1 hour**
- AVIA 3084 – Instrument Pilot Flight Helicopter II **Credit: 1 hour**
- AVIA 3019 – Commercial Pilot GS Single Engine **Credit: 3 hours**
- AVIA 3085 – Commercial Pilot FLT Helicopter **Credit: 1 hour**
- AVIA 3023 – Flight Instructor I Ground School **Credit: 3 hours**
- AVIA 3087 – Flight Instructor I Flight Helicopter **Credit: 1 hour**
- AVIA 3025 – Flight Instructor II Ground School **Credit: 3 hours**
- AVIA 3089 – Flight Instructor II Flight **Credit: 1 hour**
- AVIA 4001 – Advanced Aerodynamics **Credit: 3 hours**
- AVIA 4002 – Advanced Navigation **Credit: 3 hours**

Electives (Credit: 21 hours)*

Select 12 hours of aviation related courses with prefixes: AERO, AMGT, AMKT, ASPC, ATCM, or AVIA.

Select 9 hours of any additional electives

* At least 6 hours of the 21 hours must be upper-level (3000-4000 level)

Note: Fees associated with specific MGA flight courses and FAA ratings can be found in the School of Aviation Department of Flight portion of the catalog.

Advanced Flight (Airplane) Track

Requirements (Credit: 27 hours)

- AERO 2106 – Private Pilot Ground **Credit: 3 hours**
- AVIA 3106 – Private Pilot Flight **Credit: 1 hour**
- AVIA 3107 – Instrument Pilot GS **Credit: 3 hours**
- AVIA 3018 – Instrument Pilot Flight **Credit: 1 hour**
- AVIA 3019 – Commercial Pilot GS Single Engine **Credit: 3 hours**
- AVIA 3020 – Commercial Pilot FLT Single Engine **Credit: 1 hour**
- AVIA 3021 – Commercial Pilot Multi-Engine GS **Credit: 3 hours**
- AVIA 3022 – Commercial Pilot Flight II **Credit: 1 hour**
- AVIA 3023 – Flight Instructor I Ground School **Credit: 3 hours**
- AVIA 3024 – Flight Instructor I Flight **Credit: 1 hour**
- AVIA 3025 – Flight Instructor II Ground School **Credit: 3 hours**
- AVIA 3026 – Flight Instructor II Flight **Credit: 1 hour**
- AVIA 4001 – Advanced Aerodynamics **Credit: 3 hours**

Electives (Credit: 21 hours)*

Select 12 hours of aviation related courses with prefixes: AERO, AMGT, AMKT, ASPC, ATCM, or AVIA.

Select 9 hours of any additional electives

* At least 6 hours of the 21 hours must be upper-level (3000-4000 level)

Note: Fees associated with specific MGA flight courses and FAA ratings can be found in the School of Aviation Department of Flight portion of the catalog.

Space Flight Track

Requirements (Credit: 27 hours)

- AERO 4110 – Propulsion Systems **Credit: 3 hours**
- ASPC 3001 – Introduction to Space **Credit: 3 hours**
- ASPC 3100 – Remote Sensing of Earth **Credit: 3 hours**
- ASPC 3105 – Spacecraft Operations and Systems **Credit: 3 hours**
- ASPC 3110 – Space Physiology **Credit: 3 hours**
- AVIA 4001 – Advanced Aerodynamics **Credit: 3 hours**
- MATH 1112 – Trigonometry **Credit: 3 hours**
- ASPC 4100 – Orbital Mechanics **Credit: 3 hours**
- ASPC 4115 – Space Transportation Systems **Credit: 3 hours**

Electives (Credit: 21 hours)*

Select 12 hours of aviation related courses with prefixes: AERO, AMGT, AMKT, ASPC, ATCM, or AVIA.

Select 9 hours of any additional electives

* At least 6 hours of the 21 hours must be upper-level (3000-4000 level)

Technical Management (B.A.S.) (Formerly Business Management)

The Bachelor of Applied Science in Technical Management (BAS) is a pathway to a four-year degree for professionals in technical or industrial careers who want to progress into management and supervisory positions. The BAS is designed for students who have earned select Associate of Applied Science (AAS) or Associate of Applied Technology (AAT) degrees from regionally or nationally accredited institutions, including technical colleges. Students accepted into the program can build on their applied two-year degrees for a smooth transition to a bachelor's of applied science degree program with minimal or no loss of credits. Students must meet with an advisor from the School of Aviation to determine eligibility.

Curriculum for Bachelor of Applied Science in Technical Management

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Career Transfer Credit Hours: 27 hours (from AAS or AAT degree)

Major Requirements (Credit: 33 hours)

- BUSA 1105 – Introduction to Business **Credit: 3 hours**
- BUSA 2105 – Communicating in the Business Environment **Credit: 3 hours**
- ITEC 2201 – Business Information Applications OR BUSA 2201 Business Information Applications **Credit: 3 hours**
- BMGT 2101 – Applied Accounting Concepts **Credit: 3 hours**
- BMGT 3101 – Ethics in the Workplace **Credit: 3 hours**
- BMGT 3102 – Essentials of Human Resource for Managers **Credit: 3 hours**
- BMGT 3107 – Operations in a Dynamic Environment **Credit: 3 hours**
- BMGT 3108 – Introduction to Management: When Theory Meets Practice **Credit: 3 hours**
- BMGT 3314 – Principles of Logistics **Credit: 3 hours**
- BMGT 4103 – Leadership and Decision Making **Credit: 3 hours**
- BMKT 3109 – Fundamentals of Marketing **Credit: 3 hours**

Upper Level (3000-4000) Electives (Credit: 18 hours)

Airline Management (Certificate)

Curriculum for Certificate in Airline Management

Required courses (Credit: 9 hours)

- AMGT 3210 – Airline Management **Credit:** 3 hours
- AMGT 4207 – Airline Technical Operations **Credit:** 3 hours
- AMGT 4210 – Airline Financial Management **Credit:** 3 hours

Take four of the following courses (Credit: 12 hours)

- AMKT 3209 – Airline Marketing **Credit:** 3 hours
- AMGT 3204 – International Airline Business **Credit:** 3 hours
- AERO 2104 – Aviation Safety **Credit:** 3 hours
- AERO 2105 – Aviation Regulations **Credit:** 3 hours
- AERO 2107 – Aviation Law and Insurance **Credit:** 3 hours

Total Hours: 21

Airport Management (Certificate)

Curriculum for Certificate in Airport Management

Required Courses (Credit: 15 hours)

- AMGT 3203 – Airport Management **Credit** 3 hours
- AMGT 3205 – Airport Planning, Construction, and Environmental Management **Credit** 3 hours
- AMGT 3209 – Airport Legislative Affairs, Marketing, Communications and Development **Credit** 3 hours
- AMGT 4206 – Airport Operations, Security, and Maintenance **Credit** 3 hours
- AMGT 4211 – Airport Finance and Administration **Credit:** 3 hours

Take two of the following courses (Credit: 6 hours)

- AERO 2104 – Aviation Safety **Credit:** 3 hours
- AERO 2105 – Aviation Regulations **Credit:** 3 hours
- AERO 2107 – Aviation Law and Insurance **Credit:** 3 hours

Total Hours: 21

Unmanned Aerial Systems Operator (Certificate)

Curriculum for Unmanned Aerial Systems Operator

Major Requirements (Credit: 32 hours)

- AERO 3001 – Unmanned Aerial Systems Concepts **Credit:** 3 hours
- AERO 3001L – Unmanned Aerial Systems Concepts Lab **Credit:** 2 hours
- AERO 3011 – Unmanned Aerial Systems Regulations **Credit:** 3 hours
- AERO 3011L – Unmanned Aerial Systems Regulations Lab **Credit:** 2 hours
- AERO 4021 – Unmanned Aerial Systems Platform and System Development **Credit:** 3 hours
- AERO 4021L – Unmanned Aerial Systems Platform and System Development Lab **Credit:** 2 hours
- AERO 4031 – Unmanned Aerial Systems Flight Operations **Credit:** 3 hours
- AERO 4031L – Unmanned Aerial Systems Flight Operations Lab **Credit:** 2 hours
- AERO 2106 – Private Pilot Ground School **Credit:** 3 hours
- ITEC 2215 – Introduction to Information Technology **Credit:** 3 hours
- ASTP 1090 – Composites and Bonded Structures **Credit:** 6 hours

Total Hours: 32

Air Traffic Management

The courses in the Air Traffic Management (ATM) discipline are designed to provide students with the Air Traffic Control portion of the degree, previously required by the Federal Aviation Administration (FAA) to be considered for employment.

Middle Georgia State University is one of the Air Traffic Collegiate Training Initiative (AT-CTI) institutions in the United States that the FAA has partnered with to train potential air traffic controllers. The degree program in ATM is the Associate of Applied Science in Air Traffic Management. The degree program provides basic courses in air traffic control and are designed to provide qualified applicants to fill developmental air traffic control specialist positions with the FAA.

Students must successfully complete all required training at the FAA Academy to continue employment with FAA.

The following list shows qualifications that a potential candidate must meet prior to employment with the FAA.

- Three years general progressive work experience
- Four years of college, or combination of both school and work experience
- Be a [United States citizen](#)
- In most cases, [not have reached age 31](#)
- Pass a biographical assessment (prior to AT-SAT)
- Pass a [medical examination](#)
- Pass a [security investigation](#)
- Achieve a score of at least 70 on the [FAA pre-employment test](#) (AT-SAT)
- Speak English clearly enough for others to understand you on communications equipment
- Complete an interview
- Entry in to the Air Traffic Management program is competitive, as detailed below.

Air Traffic Management (ATM) admission requirements are in addition to university admission requirements. Applicants are considered for admission using a formula approved by the ATM Admissions Committee. Admission is competitive, not all applicants will be accepted.

Applications to the program are available on the ATM Home Page: <http://www.mga.edu/aviation/Air-Traffic-Management/>. In order to be considered for admission, applications and transcripts must be received by the deadlines published on the ATM Home Page.

1. As of this printing, minimum criteria for admission to the Air Traffic Management program include:

A. Acceptance to Middle Georgia State University.

B. Completion of any required university placement tests and remedial courses.

C. Completion of at least 12 hours of courses required for the ATM Program at Middle Georgia State University with a minimum overall institutional GPA of 2.5.

D. Completion of ATCM 1200*, Area A Math Elective & ENGL 1101 with a grade of “C” or higher for each course. (Minimum overall GPA 2.5 or higher.) Overall GPA in these courses will be utilized to select the top students for entry into the ATM program.

E. Essential Competencies Policy: The Americans with Disabilities Act (ADA) ensures the qualified applicant with a disability the opportunity to pursue program admission at public institutions. To determine whether an individual is a qualified applicant for programs or services, the ADA states that applicants must meet essential competency requirements. A list of essential competencies is available. Essential competencies include critical thinking, communication, interpersonal skills, mobility, tactile ability, vision, and hearing. All students will be held to the same standards and must be able to perform the essential competencies of their program with or without reasonable accommodation. The Air Traffic Management program at MGA is unable to make accommodations that impose an undue burden, present a threat to the health or safety of the individual or others, or fundamentally alter the nature of the curriculum in laboratory sessions. Questions about the accommodation process may be directed to the Director of Student Services at (478) 934-3023.

2. All applicants not selected must reapply to be considered for future classes.

Note: Any conviction more serious than a traffic ticket may impact your eligibility for Federal Aviation Administration (FAA) employment. It is the applicant's responsibility to contact the FAA or the Office of Personnel Management (OPM) with any concerns about background issues.

Air Traffic Management (A.A.S.)

A student must complete all aviation related courses with a C or higher to progress in the AAS ATM program.

Curriculum for Associate of Applied Science in Air Traffic Management

Note: The Associate of Applied Science in Air Traffic Management fulfills general education requirement for a career associate degree.

Critical Reading and Writing (Credit: 6 hours)

- ENGL 1101 – English Composition I **Credit:** 3 hours
- ENGL 1102 – English Composition II **Credit:** 3 hours

Natural Sciences / Mathematics Elective (Credit: 7 hours)

- Area A Math **Credit:** 3 hours
- Lab Science **Credit:** 4 hours

Note: ENGL 1101, ENGL 1102, and the Mathematics elective must be completed within the first 30 hours.

Humanities/Fine Arts Elective (Credit: 3 hours)

Choose one of the following courses:

- ENGL 2111 – World Literature I **Credit:** 3 hours
- ENGL 2112 – World Literature II **Credit:** 3 hours

Institutional Electives (Credit: 4 hours)

- Perspectives Elective **Credit:** 4 hours

Social/Behavioral Sciences (Credit: 6 hours)

- HIST 2111 – United States History to 1865 **Credit:** 3 hours **OR** HIST 2112 – United States History since 1865 **Credit:** 3 hours

AND

- POLS 1101 – American Government **Credit:** 3 hours

Area F (Credit: 35 hours)

Major Field

- ATCM 1200 – Introduction to Air Traffic Control **Credit:** 3 hours
- AERO 2102 – Aviation Meteorology **Credit:** 3 hours
- AERO 2104 – Aviation Safety **Credit:** 3 hours
- AERO 2105 – Aviation Regulations **Credit:** 3 hours
- AERO 2106 – Private Pilot Ground School **Credit:** 3 hours
- AERO 2107 – Aviation Law **Credit:** 3 hours
- AERO 2108 – Human Factors **Credit:** 3 hours
- ATCM 2220 – Instrument Flight Rules and Non-Radar **Credit:** 3 hours
- ATCM 2201 – ATC Tower Operations **Credit:** 4 hours
- ATCM 2202 – Radar Operations I **Credit:** 4 hours
- AVIA 3107 – Instrument Pilot Ground School **Credit:** 3 hours

Total Hours: 61

Department of Flight

Chair: Adam Holloway

The Flight Department offers training necessary to complete certificate programs, both in Airplane (fixed-wing) and Rotorcraft (helicopter) aircraft. Individual certificates and ratings also are offered to meet the specific needs of students, including certificates in Instrument Pilot (Airplane), Multi-Engine Pilot (Airplane), Commercial Pilot (Airplane, Helicopter), Certified Flight Instructor (Airplane, Helicopter). Graduates possess the skills to succeed as aviators, managers, and leaders in the aviation industry.

The Flight Department also supports the Department of Aviation Science and Management by offering flight training necessary to complete the Bachelor of Science in Aviation Science and Management with a track in Professional Flight. Completion of the Bachelor of Science in Aviation Science and Management with a track in Professional Flight requires the successful completion of 120 semester hours of credit as prescribed in the related curriculum. An institutional grade-point average (GPA) of 2.5 must be maintained to remain in the flight program. If the institutional GPA falls below 2.5, the student will be placed on probation. If the respective GPA does not show improvement the next semester, the student will not be allowed to take flight courses. If the student has not returned to the required level of GPA in two semesters following probation (including summer), the student may be removed from the flight program.

The Piper airplane fleet includes Warriors, Archers, Arrows, and Seminoles. The fleet also operates a Citabria aircraft for spin and unusual attitude training. Several advanced simulators are used integrally in the curriculum to complement flight time and provide emphasis on the more challenging areas of flight training. The rotorcraft fleet is composed of Sikorsky Schweizer 300 CBI helicopters and Robinson R44.

Employers of pilots and technical personnel in the aviation industry have made it clear that an understanding and appreciation of business operations, needs, and priorities, and especially of financial considerations, is considered an important advantage when evaluating applicants for employment.

Admission Information for the School of Aviation Flight Training Department

NOTE: FLIGHT TRAINING IS A COMPLEX, DEMANDING, AND EXPENSIVE ENDEAVOR. PLEASE READ THESE INSTRUCTIONS CAREFULLY BEFORE PROCEEDING AND CONTACT THE MGA SCHOOL OF AVIATION IF YOU HAVE ANY QUESTIONS OR CONCERNS.

SECONDARY ADMISSION PROCESS

Once a prospective flight student has been admitted to Middle Georgia State University next apply for Secondary Admission to the School of Aviation, Flight Department. The process is as follows:

Student refers to the MGA website to review and begin the Secondary Admission process:

- a. Complete the MGA Flight School Secondary Admission form.
- b. Complete the procedural and administrative requirements of the Transportation Security Administration (TSA) and retain copies of documents verifying successful completion of TSA requirements.
- c. Submit the above set of documents (Secondary Admission package) to the Chair of the Flight Department.
 - i. Secondary Admission Application Form
 - ii. Copy of birth certificate/passport
 - iii. Unofficial copy of transcript documenting GPA
 - iv. Copy of FAA Class II medical

POLICY FOR ADMISSION TO THE MGA FLIGHT TRAINING PROGRAM

The highest priorities of the MGA Flight Training program are safety, instructional quality, and the optimization of aircraft availability to assure continuous instruction in support of degree progress, and financial value. When a flight student becomes unable to complete his/her flight training program and drops, the result is far more consequential than when a student drops from a customary academic course. Aircraft utilization is diminished which places upward pressure on costs. Other students, who may have been denied admission due to program capacity limits, suffer program delays or changes that might have been avoided. For these reasons, admission policies are designed to maximize the likelihood of completion, one license/rating at a time.

Admission to the MGA Flight Program is based on the enrollment capacity of the program, successful compliance with specific requirements (such as TSA requirements and obtaining an FAA Class II medical certificate), scoring of elements of the Secondary Admission package and a personal interview, and evidence of financial ability to pay for a high cost program.

Applicants will not be permitted to begin flight training until any Learning Support requirements have been successfully completed.

Grade-Point Average: The MGA Flight Department requires a GPA of 2.5 for admission. This GPA may reflect the high school GPA, previous college GPA (representing more than thirty semester hours of credit), or other sources as determined by the Chair of the Flight Department.

The GPA representing a minimum of thirty semester hours of academic credit from previous institutions of higher learning takes precedence over the high school GPA. If less than thirty semester hours of academic credit has been obtained after high school,

the high school GPA takes precedence. In such cases, and where more than ten years has elapsed since high school graduation, the Chair of the Flight department may use other criteria to establish academic capability.

Airplane Flight Costs 2016 - 2017
Professional Flight Management Degree (BS)
Flight Technology Certificate

Private Pilot Course (AVIA 3106)

FAA MINIMUM

35 Hours in Piper Warrior III **	\$5,310.00
4 Hours in Piper Warrior III	\$632.00
Minimum to be deposited to flight account:	\$5,942.00

AVERAGE ADDITIONAL HOURS

11 Hours in Piper Warrior III	\$1,738.00
Projected total to be deposited to flight account:	\$7,680.00
Private Pilot Knowledge Written (Pay to MGA day of test)	\$165.00
FAA Private Pilot Airplane (Pay examiner) PAR	\$400.00
Course Total:	\$8,245.00

Instrument Rating Course (AVIA 3018)

FAA MINIMUM

35 Hours in Piper Warrior III **	\$5,530.00
4 Hours in Piper Warrior III	\$632.00
Minimum to be deposited to flight account:	\$6,162.00

AVERAGE ADDITIONAL HOURS

8 Hours in Piper Warrior III	\$1,264.00
10 Hours in Archer	\$1,700.00
Projected total to be deposited to flight account:	\$9,126.00
Instrument Rating Written Test (Pay to MGA day of test)	\$165.00
FAA Instrument Rating Airplane Test (Pay examiner)	\$400.00
Course Total:	\$9,691.00

Commercial Pilot Course (AVIA 3020)

FAA MINIMUM

120 Hours in Piper Arrow III **	\$20,060.00
4 Hours in Piper Arrow for FAA Practical	\$712.00
Minimum to be deposited to flight account:	\$20,772.00

AVERAGE ADDITIONAL HOURS

15 Hours in Archer	\$2,550.00
Commercial Pilot Knowledge Written Test (Pay to MGA day of test)	\$165.00
FAA Commercial Pilot Airplane Test (Pay examiner)	\$400.00
Course Total:	\$23,887.00

Certified Flight instructor Course (AVIA 3024)

25 Hours in Piper Arrow **	\$4,450.00
4 Hours in Piper Arrow	\$712.00
Minimum to be deposited to flight account:	\$5,162.00

AVERAGE ADDITIONAL HOURS

2 Hours in Piper Arrow	\$356.00
Fundamentals of Instruction (Pay to MGA day of test)	\$165.00
Flight Instructor Knowledge (Pay to MGA day of test)	\$165.00
Flight Instructor Airplane FIA	\$500.00
Course Total:	\$6,348.00

Flight Instructor II Flight Course (AVIA 3026)

15 Hours in Piper Arrow **	\$2,670.00
4 Hours in Piper Arrow for FI FAA Practical Exam	\$712.00
	Minimum to be deposited to flight account: \$3,382.00
Fundamentals of Instruction (Pay to MGA day of test)	\$165.00
Flight Instructor Knowledge (Pay to MGA day of test)	\$165.00
Flight Instructor Airplane AFA	\$400.00
	Course Total: \$4,112.00

Multi-Engine Additional Rating Course (AVIA 3022)

15 Hours in Piper Seminole **	\$4,200.00
4 Hours in Piper Seminole for Multi-Engine FAA Practical	\$1,120.00
	Minimum to be deposited to flight account: \$5,320.00
AVERAGE ADDITIONAL HOURS	
2 Hours in Piper Seminole	\$560.00
	Projected total to be deposited to flight account: \$5,880.00
Multi-Engine FAA Practical (Pay examiner)	\$400.00
	Course Total: \$6,280.00

Tail-wheel Operations and Flight (AVIA 3030)

16 Hours in Citabria	Minimum to be deposited to flight account: \$2,256.00
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Upset Recovery (AVIA 3031)

8 Hours in Citabria	Minimum to be deposited to flight account: \$1,128.00
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Upon registration for the above courses, a deposit must be made into your flight account for the amount shown above. There is a per semester student insurance fee for flight students, \$21.00 for Fall, \$18.00 for Spring semester and \$12.00 for the Summer semester. There is a student flight lab fee of \$50.00 per certification rating. These fees are in addition to tuition and fees that are applicable to all students.

NOTE: Training times listed above are absolute minimums only, but provide the most definitive cost information available at this time. Experience of our flight instructors suggests that the actual student average could be as much as 20% higher than the minimums listed above.

**VA students may only be certified for and reimbursed for the required hours shown above. There are no exceptions to this rule.

Helicopter Flight Costs 2016 - 2017

**Professional Flight Management Degree (BS)
Flight Technology Certificate**

Private Pilot Flight Course (AVIA 3081)**FAA MINIMUM**

45 Hours in Schweizer 300CBi	\$11,790.00
10 Hours Solo in Schweizer 300CBi	\$2,420.00
	Projected total to be deposited to flight account: \$14,210.00
Private Pilot Knowledge Written Test (Pay to MGA day of test)	\$165.00
FAA Private Pilot Helicopter (Pay examiner)	\$450.00
	Course Total: \$14,825.00

Instrument Pilot Course I (AVIA 3083)

35 Hours in Schweizer 300CBi	\$9,170.00
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Instrument Pilot Course I (AVIA 3083)

35 Hours in Robinson R44	\$13,825.00
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Instrument Pilot Course II (AVIA 3084)	
35 Hours in Schweizer 300CBi	\$9,170.00
Instrument Knowledge Test (Pay to MGA day of test)	\$165.00
FAA Instrument Rating Helicopter (Pay examiner)	\$450.00
Course Total:	\$9,785.00
Instrument Pilot Course II (AVIA 3084)	
35 Hours in Robinson R44	\$13,825.00
Instrument Knowledge Test (Pay to MGA day of test)	\$165.00
FAA Instrument Rating Helicopter (Pay examiner)	\$450.00
Course Total:	\$14,440.00
Commercial Pilot Course (AVIA 3085)	
FAA MINIMUM	
45 Hours in Schweizer 300CBi	\$11,790.00
Commercial Pilot Written Test (Pay to MGA day of test)	\$165.00
FAA Commercial Pilot Helicopter (Pay examiner)	\$450.00
Course Total:	\$12,405.00
Commercial Pilot Course (AVIA 3085)	
FAA MINIMUM	
45 Hours in Robinson R44	\$17,775.00
Commercial Pilot Written Test (Pay to MGA day of test)	\$165.00
FAA Commercial Pilot Helicopter (Pay examiner)	\$450.00
Course Total:	\$18,390.00
Flight Instructor I Course (AVIA 3087)	
30 Hours in Schweizer 300CBi	\$7,860.00
Fundamentals of Instructing Knowledge Written Test (Pay to MGA at time of test)	\$165.00
Flight Instructor Helicopter Knowledge Written Test (Pay to MGA at time of test)	\$165.00
FAA Flight Instructor Helicopter (Pay examiner)	\$600.00
Course Total:	\$8,790.00
Flight Instructor II Course (AVIA 3089)	
15 Hours in Schweizer 300CBi	\$3,930.00
Instrument Flight Instructor Knowledge Written Test (Pay to MGA at time of test)	\$165.00
FAA Flight Instructor Instrument Helicopter (Pay examiner)	\$450.00
Course Total:	\$4,545.00
Flight Instructor II Course (AVIA 3089)	
15 Hours in Robinson R44	\$5,925.00
Instrument Flight Instructor Knowledge Written Test (Pay to MGA at time of test)	\$165.00
FAA Flight Instructor Instrument Helicopter (Pay examiner)	\$450.00
Course Total:	\$6,540.00
Night Vision Goggles Flight (AVIA 4012)	
8 Hours in Robinson R44	\$3,160.00
	OR
8 Hours in Schweizer 300CBi	\$2,096.00
Helicopter Sling Load Flight (AVIA 4008)	
12 Hours in Robinson R44	\$4,740.00

*Students may complete their training in either the Robinson R44, the Schweizer 300CBi, or a combination of the two.

Flight Deposits should be made in a timely manner. If you need Financial Aid such as student loans, etc., please apply for it early to reduce the time prior to you receiving your funds. You will not be able to begin your flight training until the flight deposit is

made and if it is not made within the first month of the semester, it puts you behind in your training which therefore prolongs your time in completing the program.

There is a per semester student insurance fee for flight students, \$21.00 for Fall, \$18.00 for Spring semester and \$12.00 for the Summer semester. There is a student flight lab fee of \$50.00 per certification rating. These fees are in addition to tuition and fees that are applicable to all students.

NOTE: Training times listed above are absolute minimums only, but provide the most definitive cost information available at this time. Experience of our flight instructors suggests that the actual student average could be as much as 20% higher than the minimums listed above.

VA students may only be certified for and reimbursed for the required hours shown above. There are no exceptions to this rule.

Commercial Pilot Airplane (Certificate)

Curriculum for Certificate in Commercial Pilot Airplane

- AERO 2102 – Aviation Meteorology **Credit:** 3 hours
- AERO 2103 – Flight Principles **Credit:** 3 hours
- AERO 2105 – Aviation Regulations **Credit:** 3 hours
- AVIA 3019 – Commercial Pilot Ground School Single Engine **Credit:** 3 hours
- AVIA 3020 – Commercial Pilot Flight I **Credit:** 1 hour

Total Hours: 13

Commercial Pilot Helicopter (Certificate)

Curriculum for Certificate in Commercial Pilot Helicopter

- AERO 2102 – Aviation Meteorology **Credit:** 3 hours
- AERO 2103 – Flight Principles **Credit:** 3 hours
- AERO 2105 – Aviation Regulations **Credit:** 3 hours
- AVIA 3019 – Commercial Pilot Ground School Single Engine **Credit:** 3 hours
- AVIA 3085 – Commercial Pilot Flight Helicopter **Credit:** 1 hour

Total Hours: 13

Flight Instructor Airplane (Certificate)

Curriculum for Certificate in Flight Instructor Airplane

- AERO 2102 – Aviation Meteorology **Credit:** 3 hours
- AERO 2105 – Aviation Regulations **Credit:** 3 hours
- AVIA 3023 – Flight Instructor I Ground School **Credit:** 3 hours
- AVIA 3024 – Flight Instructor I Flight **Credit:** 1 hour

Total Hours: 10

Flight Instructor Helicopter (Certificate)

Curriculum for Certificate in Flight Instructor Helicopter

- AERO 2102 – Aviation Meteorology **Credit:** 3 hours
- AERO 2105 – Aviation Regulations **Credit:** 3 hours
- AVIA 3023 – Flight Instructor I Ground School **Credit:** 3 hours
- AVIA 3087 – Flight Instructor I Flight Helicopter **Credit:** 1 hour

Total Hours: 10

Flight Technology Airplane (Certificate)

Curriculum for Certificate in Flight Technology Airplane

- AERO 2102 – Aviation Meteorology **Credit:** 3 hours
- AERO 2103 – Flight Principles **Credit:** 3 hours
- AERO 2105 – Aviation Regulations **Credit:** 3 hours
- AERO 2106 – Private Pilot Ground School **Credit:** 3 hours
- AVIA 3106 – Private Pilot Flight **Credit:** 1 hour

- AVIA 3107 – Instrument Pilot Ground School **Credit:** 3 hours
- AVIA 3018 – Instrument Pilot Flight – **Credit:** 1 hour
- AVIA 3019 – Commercial Pilot Single Engine Ground School **Credit:** 3 hours
- AVIA 3020 – Commercial Pilot Flight I **Credit:** 1 hour
- AVIA 3021 – Commercial Pilot Multi-Engine Ground School **Credit:** 3 hours
- AVIA 3022 – Commercial Pilot Flight II **Credit:** 1 hour
- AVIA 3023 – Flight Instructor I Ground School **Credit:** 3 hours
- AVIA 3024 – Flight Instructor I Flight **Credit:** 1 hour
- AVIA 3025 – Flight Instructor II Ground School **Credit:** 3 hours
- AVIA 3026 – Flight Instructor II Flight **Credit:** 1 hour

Total Hours: 33

Flight Technology Helicopter (Certificate)

Curriculum for Certificate in Flight Technology Helicopter

- AERO 2102 – Aviation Meteorology **Credit:** 3 hours
- AERO 2103 – Flight Principles **Credit:** 3 hours
- AERO 2105 – Aviation Regulations **Credit:** 3 hours
- AERO 2106 – Private Pilot Ground School **Credit:** 3 hours
- AVIA 3019 – Commercial Pilot Single Engine Ground School **Credit:** 3 hours
- AVIA 3023 – Flight Instructor I Ground School **Credit:** 3 hours
- AVIA 3025 – Flight Instructor II Ground School **Credit:** 3 hours
- AVIA 3081 – Private Pilot Flight Helicopter **Credit:** 1 hour
- AVIA 3083 – Instrument Pilot Flight Helicopter I **Credit:** 1 hour
- AVIA 3084 – Instrument Pilot Flight Helicopter II **Credit:** 1 hour
- AVIA 3085 – Commercial Pilot Flight Helicopter **Credit:** 1 hour
- AVIA 3087 – Flight Instructor I Flight Helicopter **Credit:** 1 hour
- AVIA 3089 – Flight Instructor II Flight Helicopter **Credit:** 1 hour
- AVIA 3107 – Instrument Pilot Ground School **Credit:** 3 hours

Total Hours: 30

Instrument Pilot Rating Airplane (Certificate)

Curriculum for Certificate in Instrument Pilot Rating Airplane

- AERO 2102 – Aviation Meteorology **Credit:** 3 hours
- AERO 2105 – Aviation Regulations **Credit:** 3 hours
- AVIA 3018 – Instrument Pilot Flight **Credit:** 1 hour
- AVIA 3107 – Instrument Pilot Ground School **Credit:** 3 hours

Total Hours: 10

Multi-Engine Pilot Airplane (Certificate)

Curriculum for Certificate in Multi-Engine Pilot Airplane

- AERO 2102 – Aviation Meteorology **Credit:** 3 hours
- AERO 2103 – Flight Principles **Credit:** 3 hours
- AERO 2105 – Aviation Regulations **Credit:** 3 hours
- AVIA 3021 – Commercial Pilot Multi-Engine Ground School **Credit:** 3 hours
- AVIA 3022 – Commercial Pilot Flight II **Credit:** 1 hour

Total Hours: 13

School of Business

Dean: Dr. Varkey K. Titus

Associate Dean: Dr. Anthony L. Patti

The **Bachelor of Science Degree in Business Administration (BSBA; formerly Business and Information Technology)**, offered through the School of Business, is an innovative baccalaureate program that offers students a traditional foundation in business theory and practice supported by an understanding of the effect of new information technologies in the workplace. The curriculum is designed to provide students with a strong balance of business, organizational, interpersonal, and technical skills. Students in the degree program take core courses in business and information technology and then select a concentration from among accounting, general business, marketing, management or production/operations management.

Admission Requirements – Bachelor of Science in Business Administration (BSBA)

All students entering Middle Georgia State University with the intention of declaring the BSBA as their major will be classified as Pre-BSBA. Before being formally admitted into the BSBA in one of the five concentrations (Accounting, Management, Marketing, General Business and Productions/Operations Management), Pre-BSBA students must complete 62 hours with a minimum overall 2.25 GPA and a “C” or higher in each of the following courses:

- ENGL 1101/1102 – English Composition 1 and 2,
- Area A Math – MATH 1101 – Introduction to Mathematical Modeling, MATH 1111 College Algebra, MATH 1112 Plane Trigonometry, MATH 1113 Precalculus Mathematics, MATH 1251 Calculus 1,
- MATH 1200 – Elementary Statistics,
- ACCT 2101/2102 – Principles of Accounting 1 and 2,
- ECON 2105/2106 – Principles of Macroeconomics and Microeconomics,
- BUSA 2105 – Communicating in the Business Environment.
- **One** of the Following
 - ITEC 2201 – Business Information Applications, **OR**
 - BUSA 2201 – Business Information Applications

All incoming students, whether new freshmen or transfer students, will be classified as Pre-BSBA majors until the criteria for admission to the BSBA are satisfied.

Students who have completed 45 hours that include the above bulleted courses and are enrolled in the last few required lower-level courses may be granted “provisional acceptance.” Provisionally accepted students must complete the Upper-Division Course Request Form to request authorization to enroll in 3000-level courses. The form is available in the School of Business Administrative Office. At the time of the request, students who have not satisfied the above bulleted requirements, the completion of the required 45 hours, and the pre-requisites in Area F needed for some of the upper-level courses will be denied permission to enroll in courses during the advanced registration period. No exceptions will be granted.

Once a student has successfully completed the requirements for admission to the BSBA program, he/she will be assigned an academic advisor in the discipline of his/her choice.

Job Opportunities

Completion of the degree prepares graduates for employment opportunities in both the private and public sectors. Business professionals who are knowledgeable in business and information technology are an important part of any management team. They will be prepared to use and direct information technology resources for competitive advantage in their respective fields. They can contribute significantly toward making the American economy more efficient and competitive and its workers more productive.

Depending on the particular concentration selected, graduates will find job opportunities in traditional areas of accounting, marketing, and management. The information technology component of this degree will make these graduates even more valuable in such traditional career areas.

In Accounting, accountants will find employment with private companies, government agencies, and not-for-profit institutions with positions in auditing, financial, tax, cost, or managerial accounting. Graduates also may seek careers with Certified Public Accounting firms. Accountants also have the opportunity to obtain several professional certifications such as the Certified Public Accountant (CPA), the Certified Management Accountant (CMA), and the Certified Internal Auditor (CIA).

In General Business, students will study in each of the functional areas of business: accounting, management, and marketing. The General Business major will appeal to students who desire a broad background in all areas of business rather than specialization in any one field of business or who have an interest in law or employment at the entry level where the position requires knowledge of all fields of business but without the special emphasis of one particular discipline.

In Marketing, students will be prepared to manage the set of processes for creating, communicating, and delivering value to customers, and customer relationships in ways that benefit the organization and its stakeholders both in domestic and international markets. Graduates will find job opportunities in the areas of product and brand management, sales, services and

social marketing, retailing, advertising, and market research. The information technology component of this degree will provide knowledge and skills to utilize multimedia programs, databases, networks, and electronic commerce in marketing activities.

In Management, students will study production and operations management, organizational behavior, quantitative methods, labor relations, and human resource management. They will have the opportunity to learn about small business development and international business. Management graduates will be prepared for administrative careers in the public and private sector. The curriculum offers courses that will prepare graduates for job opportunities in human resources management, labor relations, training and development, and operations management.

In Production/Operations Management, students study areas related to the provision of goods and services to both external and internal customers. They learn about business process analysis and design, inventory management, production and service planning, quality management, lean manufacturing, lean administration, six sigma, quantitative and qualitative analysis tools, theory of constraints, and other related areas. Graduates of this program are prepared for careers in manufacturing and service firms in both the public and private sectors.

Business Administration (B.S.) (formerly Business and Information Technology)

Curriculum for Bachelor of Science in Business Administration

The Business Administration degree requires 60 credit hours beyond the associate degree or its equivalent. A grade of at least a "C" is required in all 3000-4000 level courses used to meet the Business Administration degree requirements.

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field (Credit: 15 hours)

- ACCT 2101 – Principles of Accounting I **Credit: 3 hours**
- ACCT 2102 – Principles of Accounting II **Credit: 3 hours**
- BUSA 2105 – Communicating in the Business Environment **Credit: 3 hours**
- ECON 2105 – Principles of Macroeconomics **Credit: 3 hours**
- ECON 2106 – Principles of Microeconomics **Credit: 3 hours**

Choose one of the following (Credit: 3 hours)

- ITEC 2201 – Business Information Applications **Credit: 3 hours**
- BUSA 2201 – Business Information Applications **Credit: 3 hours**

Business Core (Credit: 27 hours)

- BUSA 3101 – Business Ethics **Credit: 3 hours**
- ECON 3175 – International Economics **Credit: 3 hours**
- FINA 3110 – Principles of Finance **Credit: 3 hours**
- LENB 3135 – Legal Environment of Business **Credit: 3 hours**
- MGMT 3101 – Business Statistics **Credit: 3 hours**
- MGMT 3141 – Principles of Management **Credit: 3 hours**
- MGMT 3165 – Production and Operations Management **Credit: 3 hours**
- MGMT 4195 – Strategic Management **Credit: 3 hours**
- MKTG 3161 – Principles of Marketing **Credit: 3 hours**

Information Technology Core (Credit: 6-9 hours)

- ITEC 3300 – Project Management **Credit: 3 hours**
- ITEC/BUSA 3340 – Business Analysis Using Excel **Credit: 3 hours**

One ITEC elective to be selected from the following:

- ITEC 3310 – Information Technology and Organizational Integration **Credit: 3 hours**
- ITEC 4254 – Business Driven Technology **Credit: 3 hours**
- ITEC 4288 – Electronic Commerce Systems **Credit: 3 hours**

Note: Accounting majors will take ACCT 4205 – Accounting Information Systems to meet the ITEC elective requirement.

Concentration Requirements (Credit: 24-27 hours)

Students pursuing a Bachelor of Science in Business and Information Technology must complete one of the following concentrations:

Accounting Concentration

Required courses (Credit: 21 hours)

- ACCT 3101 – Intermediate Financial Accounting I **Credit:** 3 hours
- ACCT 3102 – Intermediate Financial Accounting II **Credit:** 3 hours
- ACCT 3103 – Intermediate Financial Accounting III **Credit:** 3 hours
- ACCT 3110 – Cost Accounting **Credit:** 3 hours
- ACCT 3120 – Principles of Taxation I **Credit:** 3 hours
- ACCT 4135 – Auditing **Credit:** 3 hours
- ACCT 4205 – Accounting Information Systems

Accounting Elective (Credit: 3 hours)

Choose one of the following:

- ACCT 3111 – Advanced Cost Accounting **Credit:** 3 hours
- ACCT 3125 – Governmental and Not-For-Profit Accounting **Credit:** 3 hours
- ACCT 4110 – Advanced Accounting **Credit:** 3 hours
- ACCT 4120 – Principles of Taxation II **Credit:** 3 hours
- ACCT 4140 – Auditing II **Credit:** 3 hours
- ACCT 4305 – Current Issues - Accounting and Auditing **Credit:** 3 hours
- ACCT 4505 – Special Topics **Credit:** 3 hours
- ACCT 4605 – Internship and/or Cooperative Education **Credit:** 3 hours

3000/4000 Level Business Elective (Credit: 3 hours)

- Choose one other 3000/4000 level School of Business elective **Credit:** 3 hours

General Business Concentration

Required Courses (Credit: 9 hours)

- One ACCT 3000/4000 level course **Credit:** 3 hours
- One MGMT 3000/4000 level course **Credit:** 3 hours
- One MKTG 3000/4000 level course **Credit:** 3 hours

General Business Electives (Credit: 15 hours)

- Five 3000/4000 level business electives

Management Concentration

Required Courses (Credit: 12 hours)

- MGMT 3155 – Organizational Behavior **Credit:** 3 hours
- MGMT 3175 – Quantitative Methods **Credit:** 3 hours
- MGMT 3102 – Human Resource Management **Credit:** 3 hours
- MGMT 4115 – Collective Bargaining/Labor Relations **Credit:** 3 hours

Management Electives (Credit: 6 hours)

Choose two of the following:

- MGMT 4125 – Compensation and Benefits **Credit:** 3 hours
- MGMT 4135 (MKTG 4135) – Entrepreneurship **Credit:** 3 hours
- MGMT 3104 – International Business **Credit:** 3 hours
- MGMT 4151 (MKTG 4151) – Principles of Contracting **Credit:** 3 hours
- MGMT 4152 (MKTG 4152) – Contract Evaluation and Award **Credit:** 3 hours
- MGMT 4153 (MKTG 4153) – Contract Pricing **Credit:** 3 hours
- MGMT 4165 (MKTG 4165) – Small Business Management **Credit:** 3 hours
- MGMT 4166 – Advanced Operations Management **Credit:** 3 hours
- MGMT 4167 – Operations Strategy **Credit:** 3 hours
- MGMT 4171 – Introduction to Six Sigma **Credit:** 3 hours
- MGMT 4172 – Advanced Six Sigma **Credit:** 3 hours
- MGMT 4181 – Service Management **Credit:** 3 hours

- MGMT 3314 – Purchasing & Supply Management **Credit:** 3 hours
- MGMT 4505 – Special Topics **Credit:** 3 hours
- MGMT 4605 – Internship and/or Cooperative Education **Credit:** 3 hours
- MGMT 4805 – Independent Study **Credit:** 3 hours

3000/4000 Level Business Electives (Credit: 6 hours)

- Two other 3000/4000 level School of Business Electives **Credit:** 6 hours

Marketing Concentration

Required courses (Credit: 12 hours)

- MKTG 3162 – Consumer Behavior **Credit:** 3 hours
- MKTG 4161 – Marketing Research **Credit:** 3 hours
- MKTG 4163 – Services Marketing **Credit:** 3 hours
- MKTG 4198 – Marketing Management **Credit:** 3 hours

Marketing electives (Credit: 6 hours)

Choose two of the following:

- MKTG 3167 – Retailing **Credit:** 3 hours
- MKTG 3170 – Sales and Sales Management **Credit:** 3 hours
- MKTG 4135 (MGMT 4135) – Entrepreneurship **Credit:** 3 hours
- MKTG 4151 (MGMT 4151) – Principles of Contracting **Credit:** 3 hours
- MKTG 4152 (MGMT 4152) – Contract Evaluation and Award **Credit:** 3 hours
- MKTG 4153 (MGMT 4153) – Contract Pricing **Credit:** 3 hours
- MKTG 4162 – Business to Business Marketing **Credit:** 3 hours
- MKTG 4165 (MGMT 4165) – Small Business Management **Credit:** 3 hours
- MKTG 4166 – Marketing Promotion and Communication **Credit:** 3 hours
- MKTG 4168 – International Marketing **Credit:** 3 hours
- MKTG 4505 – Special Topics **Credit:** 3 hours
- MKTG 4605 – Internship and/or Cooperative Education **Credit:** 3 hours
- MKTG 4805 – Independent Study **Credit:** 3 hours

3000/4000 Level Business Electives (Credit: 6 hours)

- Choose two other 3000-4000 level School of Business Electives **Credit:** 6 hours

Production/Operations Management Concentration

Required courses (Credit: 9 hours)

- MGMT 3175 – Quantitative Methods **Credit:** 3 hours
- MGMT 4166 – Advanced Operations Management **Credit:** 3 hours
- MGMT 4167 – Operations Strategy **Credit:** 3 hours

Production/Operations Management Electives (Credit: 12 hours)

Choose four of the following:

- ACCT 3110 – Cost Accounting **Credit:** 3 hours
- HLSA 3360 – Quality Management and Improvement **Credit:** 3 hours
- MGMT 4171 – Introduction to Six Sigma **Credit:** 3 hours
- MGMT 4172 – Advanced Six Sigma **Credit:** 3 hours
- MGMT 4181 – Service Management **Credit:** 3 hours
- MGMT 4183 – Purchasing & Supply Chain Management **Credit:** 3 hours
- MGMT 4505 – Special Topics **Credit:** 3 hours
- MGMT 4605 – Internship and/or Cooperative Education **Credit:** 3 hours

3000/4000 level Business Elective (Credit: 3 hours)

- One other 3000-4000 level School of Business Elective **Credit:** 3 hours

Total Hours: 120

School of Education

Dean: Dr. David P. Fuller

Early Childhood Special Education (B.S.)

The Early Childhood Special Education (ECSE) program prepares the candidate to provide educational services for all students in grades P-5, including those with disabilities whose Individualized Education Program (IEP) indicates instruction using the general education curriculum. The program is offered as full-time program or evening program.

ECSE Admission Requirements

Admission into the Early Childhood Special Education Program is competitive and granted on a space available basis. Students must:

1. Be admitted to Middle Georgia State University in good academic standing. Disciplinary action at Middle Georgia State University and/or any other institution that the student has attended or while in the military may prevent admission.
2. Submit a program admission packet to the School of Education Administrative Secretary or to the Certification Officer. Program admission packets are found on the School of Education website. Prospective students may also contact the School of Education for an admission packet. Deadline for submission of packets is March 1st for fall semester. Packets submitted after the deadline will be considered after all applicants meeting the deadline are processed. Admission packets must be complete in order for the Pre-Service Certificate to be requested.
3. Present a passing score on the GACE Program Admissions Assessment or show evidence of exemption from either of the following national exam scores: 526 composite score on Praxis I (if taken prior to March 5, 2007); SAT - combined score of 1000 on SAT verbal/math; ACT combined score of 43 on English/Math; or GRE (1030 Verbal and Quantitative; after 8-1-11, 297 Verbal and Quantitative).
4. Provide a clear criminal background check and proof of completion of the Georgia Educator Ethics Entry Assessment (350G). Information regarding both will be provided in the admission packet.
5. Complete the Core curriculum to include Area F (60 semester hours).
6. Earn a cumulative GPA of 2.75 or higher on all courses to include transfer, transient, or taken as a part of a prior degree. Students who have not met all requirements for admission but have a cumulative GPA between 2.50-2.74 may submit a letter of appeal as part of their application.
7. Earn a grade of "C" or better in courses taken in Area A and Area F.
8. Pass Area F Field Experience Evaluation.
9. Provide three letters of professional recommendation.
10. Be available during regular public school day hours for internship, clinical experiences, and program-based seminars.
11. Transfer students may be eligible for admission without having satisfied the Middle Georgia State University Area B requirement. Exceptions will be made at the discretion of the Dean of the School of Education.
12. Prospective candidates will be required to interview and write a sample essay as part of the admission process.
13. Applicants applying to the evening track who are currently employed as a Paraprofessional must submit an individualized plan of study and a Principal Support Letter. Information regarding both will be provided in the application packet.
14. The School of Education will request a Pre-Service Certificate from the Georgia Professional Standards Commission (GaPSC) for the prospective candidate. The decision to issue the Pre-Service Certificate resides solely with the GaPSC.
15. Upon receipt of a copy of the Pre-Service Certificate by the School of Education the prospective candidate will be notified in writing by the School of Education of their acceptance.
16. Upon acceptance, students are referred to as "teacher candidates".
17. Upon acceptance teacher candidates must present proof of having liability insurance and a Livetext account.
18. Teacher candidates must sign their program of study. Teacher candidates are required to follow the program of study as prepared by the School of Education. Deviations from that program without prior consent from the Dean of the School of Education will result in dismissal from the School of Education.
19. Teacher candidates must complete the education course sequence to which they were admitted. Students cannot transfer between programs or campuses.

ECSE Academic Progress and Completion

Teacher candidates must meet the following requirements to remain in the ECSE program:

1. Maintain an overall cumulative GPA of 2.75 or greater in all courses in the major. Students may be placed on probation within the School of Education during their junior year of the ECSE program. Students must be in good academic standing and have a cumulative GPA of 2.75 to progress to their senior year of coursework.
2. Earn a grade no lower than a "C" in all upper division courses.
3. A grade of "B" or better is required in all upper division field courses. (ECSE 3444, ECSE 3447, ECSE 3555, ECSE 3558, ECSE 4477 & ECSE 4588).
4. Retake only one upper level course where a grade of "D" or "F" was earned. Students will not be allowed to progress into subsequent courses.
5. Pass all key assessments with an 80% mastery.

6. Student must meet end of semester Program Checkpoints to progress to the next semester.
7. Maintain professional liability insurance, a Livetext account and hold a valid Pre-Service certificate for the duration of the program.
8. Provide evidence of attempting GACE Content Exams and the Georgia Educator Ethics Exit Assessment (360G) prior to progression into Clinical Practice II (ECSE 4588).
9. Complete residency requirements for Middle Georgia State University.
10. Adhere to all policies and codes of personal and professional conduct which originate with the School of Education, Middle Georgia State University, the Georgia Professional Standards Commission and associated Boards of Education.

Certification Requirements

Upon receipt of the MGA Official Transcript with the degree awarded and earning passing scores on the following assessments, the School of Education will recommend the candidate for certification:

1. Appropriate GACE content exams (003G & 004G);
2. edTPA portfolio;
3. Georgia Educator Ethics Exit Assessment (360G).

The decision to issue the Certificate of Eligibility resides solely with the Georgia Professional Standards Commission.

ECSE Probation Policy

The School of Education reviews each student's record at the end of each semester. When a student's cumulative GPA falls below 2.75, the student will be placed on probation within the School of Education. The office of the Dean of the School of Education informs the student and mentor of this action in writing. Placement on probation means that the student is scholastically deficient and is continuing his or her education with the understanding that he or she must improve the level of work and meet the conditions of probation set by the School of Education. Students on probation shall meet with their academic mentor to devise a plan of action to be approved by the Dean of the School of Education to include monthly meetings with their academic mentor. The term of academic probation is one semester.

The student is removed from probation in the School of Education if he or she is making satisfactory progress at the end of the probationary semester. The office of the Dean of the School of Education informs the student and mentor of this action.

If a student has not met the terms of satisfactory academic progress at the end of the probationary semester, the student will be dismissed from the School of Education. A student who is dismissed from the School of Education may choose to petition the Dean of the School of Education.

ECSE Dismissal Policy

Failure to meet progression requirements will result in dismissal from the School of Education.

A teacher candidate may also be dismissed from the School of Education for disciplinary reasons. Behavioral concerns can/would be addressed through the Office of Student Affairs of Middle Georgia State University. In addition, students may be dismissed from the School of Education for inappropriate behaviors as outlined in the School of Education Student Handbook. Behaviors that are grounds for removal from the clinical experiences include, but are not limited to: confidentiality breaches, harassment, absenteeism or tardiness, malpractice/negligence, failure to follow School of Education or clinical site policies and procedures, failure to fulfill responsibilities, or other activities that the supervisor deems unsafe or inappropriate. Ongoing patterns of unsafe/unprofessional behavior may be grounds for dismissal from the School of Education.

Code of Ethics Violations

Pre-Service Certificate holders are certified individuals, and they are expected to uphold the Code of Ethics for Georgia Educators. Both Educator Preparation Providers (EPPs) and school districts are equally responsible for reporting suspected violations of the Code of Ethics to GaPSC. All educators are mandated reporters and are required to report alleged misconduct. For the educator, failure to report could result in a sanction of the educator's certificate, and for an EPP, failure to report could impact the EPP's approval status.

ECSE Re-Entry Policy

Students who meet all present criteria for readmission to the Teacher Preparation Programs, must submit a completed readmission application, a criminal background check, and must submit a letter of intent by the application deadline. Prior to readmission, a student must hold a valid Pre-Service Certificate. Readmission occurs on a space available basis.

Curriculum for the Bachelor of Science in Early Childhood Special Education

Core Curriculum (Credit: 42 hours)

See listing of requirements on pages [70-76](#)

Please see the School of Education program of study or Academic Advisor for recommended core courses.

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

- EDUC 2110 – Investigating Critical and Contemporary Issues in Education **Credit: 3 hours**
- EDUC 2120 – Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts **Credit: 3 hours**
- EDUC 2130 – Exploring Learning and Teaching **Credit: 3 hours**
- ISCI 2001 – Integrated Science - Life and Earth Science **Credit: 3 hours**
- ISCI 2002 – Integrated Science - Physical Science **Credit: 3 hours**
- MATH 2008 – Foundations of Numbers and Operations **Credit: 3 hours**

Total Hours: 60

Required Upper-Level Courses (Credit: 54 hours)

- ECSE 3200 – The Art of Language and Literature **Credit: 3 hours**
- ECSE 3400 – Technology in the Classroom **Credit: 2 hours**
- ECSE 3410 – Development of the Whole Child **Credit: 3 hours**
- ECSE 3430 – Literacy Acquisition **Credit: 4 hours**
- ECSE 3520 – Organizing an Effective Learning Environment **Credit: 2 hours**
- ECSE 3530 – Literacy Assessment and Intervention Strategies **Credit: 4 hours**
- ECSE 3540 – Educational Assessment for Learning **Credit: 4 hours**
- ECSE 3800 – Social Studies: Designing Interdisciplinary Curriculum **Credit: 3 hours**
- ECSE 4200 – Mathematics Teaching & Curriculum in Grades Pre-K-5 **Credit: 3 hours**
- ECSE 4430 – Content Area Literacy **Credit: 2 hours**
- ECSE 4500 – Designing Instruction for All Learners **Credit: 3 hours**
- ECSE 4520 – Positive Behavior Supports **Credit: 3 hours**
- MATH 3106 – Foundations of Algebra **Credit: 3 hours**
- MATH 3110 – Informal Geometry **Credit: 3 hours**
- MATH 3156 – Introduction to Data Analysis **Credit: 3 hours**
- SCIE 3000 – General Science for Elementary Education **Credit: 3 hours**
- SPED 3110 – Introduction to the Exceptional Learner **Credit: 3 hours**
- SPED 4110 – Program Planning for Exceptional Learners **Credit: 3 hours**

Full-time Field Courses (Credit: 13 hours)

- ECSE 3444 – Professional Roles and Teaching Practices I **Credit: 2 hours**
- ECSE 3555 – Professional Roles and Teaching Practices II **Credit: 3 hours**
- ECSE 4477 – Clinical Practice I **Credit: 4 hours**
- ECSE 4588 – Clinical Practice II **Credit: 4 hours**

Evening Track Field Courses (Credit: 13 hours)

- ECSE 3447 – Professional Roles and Teaching Practices A **Credit: 2 hours**
- ECSE 3558 – Professional Roles and Teaching Practices B **Credit: 3 hours**
- ECSE 4477 – Clinical Practice I **Credit: 4 hours**
- ECSE 4588 – Clinical Practice II **Credit: 4 hours**

Total Hours: 67

Total Hours: 127

Secondary Education Certification Tracks (SECT)

The Secondary Education Certification Tracks in biology, English, history and mathematics prepare the candidate to teach in grades 6-12. Students interested in pursuing secondary education certification will be assigned two advisors, one in the major and one in education. Candidates are advised to work closely with both advisors to ensure that all major and education requirements are completed.

SECT Admission Requirements

Admission into the Secondary Education Certification Tracks are competitive and granted on a space available basis. Students must:

1. Be admitted to Middle Georgia State University in good academic standing. Disciplinary action at Middle Georgia State University and/or any other institution that the student has attended or while in the military may prevent admission.
2. Submit a program admission packet to the School of Education Administrative Secretary or to the Certification Officer. Program admission packets are found on the School of Education website. Prospective students may also contact the School of Education for an application packet. Deadline for submission is March 1st for fall semester. Packets submitted after the deadline will be considered after all applicants meeting the deadline are processed. Admission packets must be complete in order for the Pre-Service Certificate to be requested.
3. Present a passing score on the GACE Program Admissions Assessment or show evidence of exemption from either of the following national exam scores: 526 composite score on Praxis I (if taken prior to March 7, 2007); SAT - combined score of 1000 on SAT verbal/math; ACT combined score of 43 on English/Math; or GRE (1030 Verbal and Quantitative, after 8-1-11, 297 Verbal and Quantitative).
4. Provide a clear criminal background check and proof of completion of the Georgia Educator Ethics Entry Assessment (350G). Information regarding both will be provided in the admission packet.
5. Complete 45 hours of Core courses.
6. Earn a cumulative GPA of 2.75 or higher on all courses to include transfer, transient, or taken as a part of a prior degree.
7. Earn a cumulative GPA of 3.0 in lower and upper content Area courses.
8. Pass EDUC 2000 level Field Experience Evaluations.
9. Provide two letters of professional recommendation.
10. Provide Chair's Checklist with signature for designated discipline.
11. Earn a "B" or better in program specific courses (BIOL 2108; ENGL 3010, HIST 3000; MATH 1251).
12. Be available during regular public school day hours for internship, clinical experiences, and program-based seminars.
13. Transfer students may be eligible for admission without having satisfied the Middle Georgia State University Area B requirement. Exceptions will be made at the discretion of the Dean of the School of Education.
14. Prospective candidates will be required to interview and submit an essay sample as part of the admission process.
15. The School of Education will request a Pre-Service Certificate from the Georgia Professional Standards Commission (GaPSC) for the prospective candidate. The decision to issue the Pre-Service Certificate resides solely with the GaPSC.
16. Upon receipt of a copy of the Pre-Service Certificate by the School of Education the prospective candidate will be notified in writing by the School of Education of their acceptance
17. Upon acceptance, students are referred to as "teacher candidates."
18. Upon acceptance teacher candidates must present proof of having liability insurance and a Livetext account.
19. Teacher candidates must sign their program of study. Teacher candidates are required to follow the program of study as prepared by their content area and the School of Education. Deviations from that program without prior consent from the Dean of the School of Education will result in dismissal from the School of Education.

SECT Academic Progress and Completion

Teacher candidates must meet the following requirements to remain in the SECT:

1. Maintain an overall cumulative GPA of 2.75 or greater and a "B" or better in lower and upper content area and education courses. Students may be placed on probation within the School of Education during their junior year of the secondary education program. Students must be in good academic standing and have a cumulative GPA of 2.75 to progress to their senior year of coursework.
2. Secondary students will be allowed to repeat one education and/or content area course in which they earn below a grade of "B".
3. Students must meet end of semester Program Checkpoints to progress to the next semester.
4. Provide satisfactory evidence of appropriate professional dispositions as measured by the TCPD prior to Clinical Practice.
5. Maintain professional liability insurance, a Livetext account and hold a valid Pre-Service Certificate for the duration of the program.
6. Provide evidence of attempting GACE Content Exams and the Georgia Educator Ethics Exit Assessment (360G) prior to progression into clinical practice. (EDUC 4604, EDUC 4704, EDUC 4804 or EDUC 4904).
7. Complete residency requirements for Middle Georgia State University.

8. Adhere to all policies and codes of personal and professional conduct which originate with the School of Education, Middle Georgia State University, the Georgia Professional Standards Commission and associated Boards of Education.

Certification Requirements

Upon receipt of the MGA Official Transcript with the degree awarded and earning a passing score on the following assessments, the School of Education will recommend the candidate for certification:

- 020G - English Test I
 - 021G - English Test II
 - 022G - Mathematics Test I
 - 023G - Mathematics Test II
 - 026G - Biology Test I
 - 027G - Biology Test II
 - 034G - History Test I
 - 035G - History Test II
2. edTPA portfolio;
 3. Georgia Educator Ethics Exit Assessment (360G).

The decision to issue the Certificate of Eligibility resides solely with the Georgia Professional Standards Commission.

SECT Probation Policy

The School of Education reviews each student's record at the end of each semester. When a student's cumulative GPA falls below 2.75, the student will be placed on probation within the School of Education. The office of the Dean of the School of Education informs the student and advisors of this action in writing. Placement on probation means that the student is scholastically deficient and is continuing his or her education with the understanding that he or she must improve the level of work and meet the conditions of probation set by the School of Education. Students on probation shall meet with their academic and education advisor to devise a plan of action to be approved by the Dean of the School of Education to include monthly meetings with their academic and education advisor. The term of academic probation is one semester.

The student is removed from probation in the School of Education if he or she is making satisfactory progress at the end of the probationary semester. The office of the Dean of the School of Education informs the student and advisors of this action.

If a student has not met the terms of satisfactory academic progress at the end of the probationary semester, the student will be dismissed from the School of Education. A student who is dismissed from the School of Education may choose to petition the Dean of the School of Education.

SECT Dismissal Policy

Failure to meet progression requirements will result in dismissal from the School of Education.

A teacher candidate may also be dismissed from the School of Education for disciplinary reasons. Behavioral concerns can/would be addressed through the Office of Student Affairs of Middle Georgia State University. In addition, students may be dismissed from the School of Education for inappropriate behaviors as outlined in the School of Education student handbook. Behaviors that are grounds for removal from the clinical experiences include, but are not limited to: confidentiality breaches, harassment, absenteeism or tardiness, malpractice/negligence, failure to follow School of Education or clinical site policies and procedures, failure to fulfill responsibilities, or other activities that the supervisor deems unsafe or inappropriate. Ongoing patterns of unsafe/unprofessional behavior may be grounds for dismissal from the School of Education.

Code of Ethics Violations

Pre-Service Certificate holders are certified individuals, and they are expected to uphold the Code of Ethics for Georgia Educators. Both Educator Preparation Providers (EPPs) and school districts are equally responsible for reporting suspected violations of the Code of Ethics to GaPSC. All educators are mandated reporters and are required to report alleged misconduct. For the educator, failure to report could result in a sanction of the educator's certificate, and for an EPP, failure to report could impact the EPP's approval status.

SECT Re-Entry Policy

Students who meet all present criteria for readmission to the Teacher Preparation Programs, must submit a completed readmission application, a criminal background check, and must submit a letter of intent by the application deadline. Prior to readmission, a student must hold a valid Pre-Service Certificate. Readmission occurs on a space available basis.

Curriculum for Secondary Education Certification Tracks

Students must be admitted to the School of Education Teacher Certification Program before taking upper-level education courses.

Biology

- EDUC 2110 – Investigating Critical and Contemporary Issues in Education **Credit:** 3 hours
- EDUC 2120 – Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts **Credit:** 3 hours
- EDUC 2130 – Exploring Learning and Teaching **Credit:** 3 hours
- EDUC 3401 – Explorations into Teaching: A Room With A View **Credit:** 1 hour
- EDUC 3402 – Making Classroom Connections **Credit:** 2 hours
- EDUC 3550 – Assessment for Learning **Credit:** 3 hours
- EDUC 3700 – Teaching/Learning in Secondary Science Environments **Credit:** 4 hours
- EDUC 3702 – Internship in Secondary Biology **Credit:** 3 hours
- EDUC 4704 – Student Teaching Secondary Biology **Credit:** 8 hours
- SPED 3110 – Introduction to the Exceptional Learner **Credit:** 3 hours

Total Hours: 33

Mathematics

- EDUC 2110 – Investigating Critical and Contemporary Issues in Education **Credit:** 3 hours
- EDUC 2120 – Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts **Credit:** 3 hours
- EDUC 2130 – Exploring Learning and Teaching **Credit:** 3 hours
- EDUC 3401 – Explorations into Teaching: A Room With A View **Credit:** 1 hour
- EDUC 3402 – Making Classroom Connections **Credit:** 2 hours
- EDUC 3550 – Assessment for Learning **Credit:** 3 hours
- EDUC 3600 – Teaching and Learning in Secondary Mathematics Environments **Credit:** 4 hours
- EDUC 3602 – Internship in Secondary School Mathematics **Credit:** 3 hours
- EDUC 4604 – Student Teaching in Secondary School Mathematics **Credit:** 8 hours
- SPED 3110 – Introduction to the Exceptional Learner **Credit:** 3 hours

Total Hours: 33

English

- EDUC 2110 – Investigating Critical and Contemporary Issues in Education **Credit:** 3 hours
- EDUC 2120 – Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts **Credit:** 3 hours
- EDUC 2130 – Exploring Learning and Teaching **Credit:** 3 hours
- EDUC 3401 – Explorations into Teaching: A Room With A View **Credit:** 1 hour
- EDUC 3402 – Making Classroom Connections **Credit:** 2 hours
- EDUC 3550 – Assessment for Learning **Credit:** 3 hours
- EDUC 3802 – Teaching and Learning in Secondary English Environments **Credit:** 4 hours
- EDUC 4803 – Internship in Secondary School English **Credit:** 3 hours
- EDUC 4804 – Student Teaching in Secondary School English **Credit:** 8 hours
- SPED 3110 – Introduction to the Exceptional Learner **Credit:** 3 hours

Total Hours: 33

History

- EDUC 2110 – Investigating Critical and Contemporary Issues in Education **Credit:** 3 hours
- EDUC 2120 – Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts **Credit:** 3 hours
- EDUC 2130 – Exploring Learning and Teaching **Credit:** 3 hours
- EDUC 3401 – Explorations into Teaching: A Room With A View **Credit:** 1 hour
- EDUC 3402 – Making Classroom Connections **Credit:** 2 hours
- EDUC 3550 – Assessment for Learning **Credit:** 3 hours
- EDUC 3900 – Teaching and Learning in Secondary History Environments **Credit:** 4 hours
- EDUC 3902 – Internship in Secondary School History **Credit:** 3 hours
- EDUC 4904 – Student Teaching in Secondary School History **Credit:** 8 hours
- SPED 3110 – Introduction to the Exceptional Learner **Credit:** 3 hours

Total Hours: 33

School of Health Sciences

Dean: Dr. Rebecca Corvey

The School of Health Sciences at Middle Georgia State University offers Associate, Bachelor, and Masters Degrees in specialty health career programs designed to prepare qualified graduates for practice in beginning and expanded practice roles in a variety of health care settings. Associate Degrees are offered in Nursing, Occupational Therapy Assistants and Respiratory Therapy. Bachelor's Degrees are offered in Health Services Administration and Nursing. The RN-BSN Completion Program is available for licensed registered nurses who are graduates of Diploma or Associate Degree Nursing programs and are seeking career and professional advancement. The AS to BS Completion Program in Respiratory Therapy (AS/RT) is available for licensed certified respiratory therapists who are graduates of an Associate Degree respiratory therapy program who are seeking career and professional advancement. The Master of Science in Nursing (MSN) – Adult Gerontology Acute Care Nurse Practitioner (AG-ACNP) program is available for licensed registered nurses who are graduates of a Bachelor of Science in Nursing program and whose career goals include providing advanced nursing care for the adult patient in acute healthcare environments. Please refer to the Graduate Academic Catalog for information concerning the AG-ACNP program.

Department of Health Services Administration

Interim Chair: Dorothy Howell

The Department of Health Services Administration is designed to prepare the student with a solid understanding of the organization, financing, and delivery of health care services. It incorporates a strong foundation of management principles and functions applied to a wide variety of health care settings and facilities. The Department places special emphasis on the administrative role in ensuring quality services for patients and supporting community health education.

Mission Statement

The mission of the Health Services Administration Program is to provide students a solid background in the organization, financing and delivery of health care services along with a strong foundation in management principles.

Student Expectations

Middle Georgia State University students are responsible for fulfilling their academic responsibilities in an honest and forthright manner and for conducting themselves with civility in interpersonal interactions. The Middle Georgia State University Student Code of Conduct contains a full description of student rights and responsibilities and the disciplinary procedures that will guide the action of the faculty and administration should a student allegedly violate the code. Students who are charged with a violation of the Middle Georgia State University Student Code of Conduct will be subject to disciplinary procedures by the School of Health Sciences and Middle Georgia State University. Any violation of the Middle Georgia State University Student Code of Conduct, whether the violation is related to a lack of integrity or civility, may result in dismissal from a Department of Health Services Administration program without consideration for re-entry.

Health Services Administration (B.S.)

The Bachelor of Science degree in **Health Services Administration (HLSA)** is a major for students interested in the management, business and policy aspects of health care. The program is designed to develop in students the knowledge, skills and values required for the wide range of positions available in this important field.

General Information

The Bachelor of Science degree in Health Services Administration offers preparation for entry level positions in the business and management side of the expanding health care industry, as well as preparation for graduate study. The program integrates courses from the fields of health sciences and business administration, and is designed to develop in students the knowledge, skills and values required for the wide range of positions available in this important field.

The program is flexible to meet the demands of a wide variety of student types and career goals. Besides providing the tools necessary for people wishing to enter the field, the program offers an excellent opportunity for those already in the health care field, whether clinical or non-clinical, to leverage their experiences into management positions. Additionally, the program provides a foundation for graduate study in health administration, public health, business, and other related fields.

The program's focus is upon the relationship between theory and practice through the identification and resolution of problems unique to health care. Practical experiences, including the optional Applied Learning Experience course, allow students the opportunity to apply the skills and knowledge gained in the classroom to the field of practice.

Graduates of the Health Services Administration program have found employment in a large number of health care areas, including but not limited to hospitals (i.e., nursing, finance, personnel, public relations, and patient relations), long term care facilities (nursing homes & assisted living), clinical administrators/ practice managers (physician and other professional offices), community and public health and other non-profit health care related agencies, hospice organizations, managed care and insurance companies, pharmaceutical sales, health care marketing and home health agencies.

The program currently offers concentrations in:

Practice/Clinical Management, which prepares students to manage the organization and operation of the business aspects of a health care provider's office (including those of physicians, dentists, hospitals, clinics, and others);

Long Term Care Administration, which prepares students for employment opportunities in skilled nursing facilities, assisted living facilities, group homes and hospices;

Community Health, which provides students with the knowledge and skills to develop and administer programs aimed at bettering public health and wellness. Students prepare for careers in health promotion within government agencies and nonprofit community organizations, medical institutions, academic institutions and other related entities;

Sports and Fitness Management, which prepares students for a variety of entry and mid-level management positions within the broad field of health and fitness (such as sports promotion, corporate wellness, personal training, health promotion, and sports club management.) It also serves as a foundation for students wishing to pursue graduate work in fields such as sports medicine, exercise physiology, physical and occupational therapy, and athletic training.

General Requirements and Procedures for Admission to the HLSA Program

1. Be accepted to Middle Georgia State University
2. Have a cumulative grade point average of 2.25 or better
3. Complete a Health Services Administration program application
4. Complete two courses in the major; HLSA 3100 (Leadership in Health Care) and HLSA 3310 (American Health Care System) with a grade of at least a "C"

An associate degree *is not required* for admission to the program. Students who have NOT completed an Associate Degree Program must complete a minimum of 30 hours of major electives, including a minimum of 15 hours of upper division HLSA coursework to equal 120 hours total.

Students who HAVE completed an Associate Degree in an Allied Health Career Program, and after review by the HLSA Program Director and Department Chair, must complete a minimum 9 hours of electives in order to complete 39 hours of upper division coursework and equal 120 hours minimum total.

Curriculum for Bachelor of Science in Health Services Administration

The Health Services Administration degree requires 60 credit hours beyond the associate degree or its equivalent. A grade of at least a "C" is required in all 3000-4000 level HLSA courses used to meet the Health Services Administration degree requirements.

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

- ENGL 1101 – English Composition I **Credit:** 3 hours
- ENGL 1102 – English Composition II **Credit:** 3 hours
- Area A Math Elective **Credit:** 3 hours

Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

- Perspectives Elective **Credit:** 4 hours

Area C: Humanities/Fine Arts (Credit: 6 hours)

- Literature Elective **Credit:** 3 hours
- Area C Elective **Credit:** 3 hours

Area D: Science, Math, and Technology (Credit: 11 hours)

Required:

- MATH 1200 – Elementary Statistics **Credit:** 3 hours

OR

- MATH 1200H – Honors Elementary Statistics **Credit:** 3 hours

Choose an 8-hour sequence from the following sets of classes:

Biology

- BIOL 2107K – Principles of Biology I **Credit:** 4 hours
- BIOL 2108K – Principles of Biology II **Credit:** 4 hours

Chemistry

- CHEM 1211K – Principles of Chemistry I **Credit:** 4 hours
- CHEM 1212K – Principles of Chemistry II **Credit:** 4 hours

Physics

- PHYS 1111K – Introductory Physics I **Credit:** 4 hours
- PHYS 1112K – Introductory Physics II **Credit:** 4 hours

OR

- PHYS 2211K – Principles of Physics I **Credit:** 4 hours

- PHYS 2212K – Principles of Physics II **Credit:** 4 hours

Note: If students choose to take a four-hour course, then one hour of credit from this course will count in Area F where applicable. Students must have the necessary prerequisite for any course they choose.

Area E: Social Sciences (Credit: 12 hours)

- HIST 2111 – United States History to 1865 **Credit:** 3 hours

OR

- HIST 2112 – United States History since 1865 **Credit:** 3 hours
- POLS 1101 – American Government **Credit:** 3 hours
- Area E Elective **Credit:** 3 hours
- Area E Elective **Credit:** 3 hours

See complete listing of core courses and requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

For students who have NOT completed an Associate Degree Program Major Field— Lower Division

- ACCT 2101 – Principles of Accounting I **Credit:** 3 hours
- ACCT 2102 – Principles of Accounting II **Credit:** 3 hours
- BUSA/ITEC 2201 – Business Information Applications **Credit:** 3 hours
- PSYC 2103 – Introduction to Human Development **Credit:** 3 hours
- *Approved Elective **Credit:** 3 hours
- *Approved Elective **Credit:** 3 hours

*A maximum of 6 hours of substituted electives may be approved by the department chair from the following areas: basic computer science, accounting, business, management, biological, or social sciences.

Upper Level Core (Credit: 60 hours)

Requirements (Credit: 30 hours)

- HLSA 3000 – Research Methods for Health Sciences **Credit:** 3 hours
- HLSA 3100 – Leadership in Health Care **Credit:** 3 hours
- HLSA 3310 – American Health Care System **Credit:** 3 hours
- HLSA 3320 – Health Care Management **Credit:** 3 hours
- HLSA 3360 – Quality Management and Improvement **Credit:** 3 hours
- HLSA 3380 – Health Communications **Credit:** 3 hours
- HLSA 4100 – Human Resource Management in Health Care **Credit:** 3 hours
- HLSA 4410 – Health Law and Ethics **Credit:** 3 hours
- HLSA 4470 – Design & Management **Credit:** 3 hours
- HLSA 4480 – Health Care Financial Management **Credit:** 3 hours

List of Approved Electives (Credit: 30 hours)

Note: Electives other than those on this list require the approval of the Department Chair.

- ACCT 3101 – Intermediate Financial Accounting I **Credit:** 3 hours
- ACCT 3102 – Intermediate Financial Accounting II **Credit:** 3 hours
- ACCT 3103 – Intermediate Financial Accounting III **Credit:** 3 hours
- BUSA 3101 – Business Ethics **Credit:** 3 hours
- ENGL 3106 – Professional Writing and Communication **Credit:** 3 hours
- FINC 3110 – Business Finance **Credit:** 3 hours
- HLSA 3315 – Holistic Health Care Services **Credit:** 3 hours
- HLSA 3340 – Public Administration and Health Care **Credit:** 3 hours
- HLSA 3345 – Government, Politics, and American Health Care **Credit:** 3 hours
- HLSA 3350 – Public Health and Epidemiology **Credit:** 3 hours
- HLSA 3370 – Women's Issues in Health Care **Credit:** 3 hours
- HLSA 3390 – Bioethics **Credit:** 3 hours
- HLSA 3400 – Introduction to Sport and Fitness Management **Credit:** 3 hours
- HLSA 3410 – Introduction to Exercise Science **Credit:** 3 hours
- HLSA 3420 – Nutrition and Wellness **Credit:** 3 hours
- HLSA 4300 – Exercise Testing and Prescription **Credit:** 3 hours

- HLSA 4320 – Injury Prevention and Rehabilitation **Credit:** 3 hours
- HLSA 4400 – Rural Health Care Services **Credit:** 3 hours
- HLSA 4420 – Long-term Care Administration **Credit:** 3 hours
- HLSA 4425 – Ambulatory Care Services **Credit:** 3 hours
- HLSA 4430 – Health Care Economics **Credit:** 3 hours
- HLSA 4435 – Managed Care **Credit:** 3 hours
- HS 4450 – Applied Learning Experience **Credit:** 3 hours
- HS 4451 – Applied Learning Experience II **Credit:** 3 hours
Students with no health care experience may repeat this course.
- HLSA 4463 – Case Management Concepts and Services **Credit:** 3 hours
- HLSA 4475 – Regulatory Aspects of Long Term Care **Credit:** 3 hours
- MGMT 3141 – Principles of Management **Credit:** 3 hours
- MGMT 3155 – Organizational Behavior **Credit:** 3 hours
- MGMT 3165 – Production and Operations Management **Credit:** 3 hours
- MGMT 3175 – Quantitative Methods **Credit:** 3 hours
- MGMT 4125 – Compensation and Benefits **Credit:** 3 hours
- MKTG 3161 – Principles of Marketing **Credit:** 3 hours
- PBSV 3001 – Social Context of Public Service Agencies **Credit:** 3 hours
- PBSV 3010 – Public Service Management **Credit:** 3 hours
- PBSV 3020 – Research Methods **Credit:** 3 hours
- PBSV 3040 – Conflict Resolution and Negotiation **Credit:** 3 hours
- PBSV 4030 – Program Funding and Evaluation **Credit:** 3 hours
- PSYC 3150 – Gerontology **Credit:** 3 hours

Total Hours: 120

Department of Nursing

Chair: Dr. Donna Ingram

Mission Statement

The mission of the Middle Georgia State University Nursing Program is to provide quality evidence-based nursing education to a diverse student population. The purpose of the nursing programs is to prepare culturally sensitive graduates who are committed to provide safe and effective nursing care through health promotion and disease prevention and are able to use clinical reasoning skills in the provision of care.

General Information

Middle Georgia State University has four nursing programs: Associate of Science in Nursing, Bachelor of Science in Nursing, RN-BSN Completion Program, and the Adult-Gerontology Acute Care Nurse Practitioner (AG-ACNP) program.

The curriculum leading to the Associate of Science in Nursing (ASN) and the Bachelor of Science (BSN) degrees combine nursing and general education courses. The AS program can be completed in two years following completion of required core classes. The AG-ACNP program can be completed in five consecutive semesters following completion of a BSN degree.

The most current Academic Policies and Program information are available online at <http://www.mga.edu/health-sciences/nursing/default.aspx>

Accreditation and Approval

The Nursing Programs are accredited by the Accreditation Commission for Education in Nursing (ACEN) and approved by the Georgia Board of Nursing. Pre-licensure graduates are eligible to apply to take the National Council Licensure Examination (NCLEX-RN) leading to licensure as a Registered Nurse (RN). The address for ACEN is 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, (404) 975-5000.

Approval to admit applicants to the National Council Licensure Examination for Registered Nursing (NCLEX-RN) or to grant a license rests with the Georgia Board of Nursing. Applicants who have ever been arrested, convicted, sentenced, plead guilty, or plead nolo contendere or been given first offender status for any felony, a crime involving moral turpitude, or a crime violating federal law involving controlled substances or dangerous drugs or a DUI or DWI, or who have been issued a professional license which has been encumbered (denied, revoked, suspended, surrendered, restricted, or placed on probation) by any state board may take the RN licensing examination only at the discretion of the Georgia Board of Nursing. Furthermore, the license may not be issued until the matter has been resolved to the satisfaction of the Board.

Student Expectations

Middle Georgia State University students are responsible for fulfilling their academic responsibilities in an honest and forthright manner and for conducting themselves with civility in interpersonal interactions. The Middle Georgia State University Student Code of Conduct contains a full description of student rights and responsibilities and the disciplinary procedures which will guide the action of the faculty and administration should a student allegedly violate the code. Nursing is a profession governed by a code of ethics and standards of practice. Students who are charged with a violation of the Middle Georgia State University Student Code of Conduct will be subject to disciplinary procedures by the School of Health Sciences and Middle Georgia State University. Any violation of the Middle Georgia State University Student Code of Conduct, whether the violation is related to a lack of integrity or civility, may result in dismissal from the Nursing Program without consideration for re-entry.

Students must act as a reasonably prudent nursing student (i.e., as a nursing student with the same educational experience would behave in a given situation) in the clinical laboratory experience. A student who is dismissed for unsafe nursing practice according to the *Policy Regarding Safe Nursing Practice* will not ordinarily be readmitted to the Nursing Program.

Academic Standards

In addition to the other academic regulations of the University, the following requirements apply to the nursing program:

1. All clinical nursing courses require a satisfactory level of performance in theory and in clinical, including campus labs. All nursing courses require a minimum grade of at least a "C" (75%). Nursing Grading Scale: A=100-90, B=89-80, C=79-75, D=74-65, F=64 and below.
2. There will be no rounding of nursing grades.
3. Grades for the clinical component of nursing courses are determined on a competency basis and designated as satisfactory or unsatisfactory. A satisfactory level of clinical competence is required in order to earn a passing grade ("C" or higher) in nursing courses. An unsatisfactory level of competence results in failure in that course. A course grade of "F" will be assigned if a student fails clinically.
4. Nursing course credits are valid for 42 months. All nursing courses must be completed within 42 months of the date of entry into the first nursing course.
5. Safety in the calculation of medication dosages is an expected behavior. Students must satisfy clinical calculations examination requirements as specified in course syllabi.

6. Nursing Student Policies in effect at the time of admission to a nursing cohort apply throughout the program unless due notification of change is provided to the student.
7. Students enrolled in nursing courses must obtain their assigned nursing faculty advisor's signature on the Middle Georgia State University Withdrawal form before withdrawing from a course.

Clinical Requirements

Accepted students must meet the clinical requirements of all affiliating clinical sites by established deadlines, to include, but not limited to:

1. Completed health history and physical form;
2. Immunization form;
3. TB screening;
4. Criminal Background Check;
5. Urine Drug Screen; and
6. Mandatory Health Professional CPR certification through the American Heart Association at Middle Georgia State University (CPR classes are provided to students at Middle Georgia State University at a nominal fee.)

Note: Students must maintain ability to meet requirements of Nursing Practice Performance Standards/Essential Abilities. Students experiencing a change in health status may be required to resubmit health forms.

Note: Students who enter the program must have a Criminal Background Check and Urine Drug Screen performed by a company approved by the Nursing Program. Clinical agencies will review Criminal Background Check and Urine Drug Screen results. The student must be approved by the affiliating clinical agencies in order to participate in clinical experiences and progress in the program. Students denied acceptance by any clinical affiliates will not be able to attend clinical experiences and therefore will not be enrolled in the Nursing Program.

Random Criminal Background Checks or Urine Drug Screen may be required while in the Nursing Program. This testing, if required, will be at the student's expense.

Additional Fees and Cost of Attendance

1. Nursing-enrolled students must enroll in the student professional malpractice liability insurance offered by the University.
2. Students enrolled in nursing courses are required to have health insurance that meets minimum standards as mandated by the University System of Georgia. Individual or Association Policies will not be considered for a waiver.
3. A total learning management system cost of approximately \$2,750 will be incurred by ASN and BSN students. RN-BSN students will incur testing cost of approximately \$200. This cost is non-refundable.
4. Applicants to the ASN and BSN nursing programs (not RN-BSN) are required to take a nursing entrance test and will incur expenses for this test. The testing fee is non-refundable.
5. Nursing Uniforms and Instruments: Nursing students are required to purchase uniforms and instruments at a cost of approximately \$300 per year.

Nursing (B.S.)

Pre-Licensure BSN Program

The curriculum leading to the Bachelor of Science in Nursing degree combines nursing and general education courses.

In addition to the general policies for the nursing program explained above, the following policies apply to the BSN program:

Admission and Progression: BSN Program

Admission to the nursing program is competitive. To be considered for admission to the Middle Georgia State University (MGA) nursing program, applicants must:

1. (a) be fully admitted to the University according to current catalog guidelines in good academic standing and must have a minimum overall GPA of 3.0 and a minimum GPA of 3.0 in all nursing core courses and the courses required for the nursing program. An applicant cannot be a transient student.

OR

- (b) be admitted to the University for the first time as a transfer student in "good academic standing" with a minimum overall transfer GPA of 3.0 and a minimum GPA of 3.0 in all nursing core courses and the courses required for the nursing program.

AND

- (c) student **MUST** submit an online application to the nursing program by the deadline posted at www.mga.edu

AND

- (d) Applicants must be fully admitted to the university by the posted nursing application deadline. All admission materials must be properly executed and submitted to the Admissions Office and Registrar including, but not limited to, official transcripts mailed directly from each institution attended.

2. Students who have completed BIOL 1114K, BIOL 1124K, BIOL 1134K, ENGL 1101, ENGL 1102, PSYC 1101, PSYC 2103, and MATH courses must attain a grade of at least a “C” in each course.

3. Students are required to complete all of the general education courses, Middle Georgia State University technology and oral competency requirements, and the legislative requirements prior to entering the nursing sequence.

4. Applicants must register and take the nursing entrance test. The TEAS V Entrance Exam must be taken within 12 months prior to the closing date of the application period. TEAS scores from other test sites are accepted. The testing fee is non-refundable.

5. A student who has withdrawn with a **(W)**, a **(WF)** or failed with a **(D or F)** in any two (2) nursing courses in any nursing program **will not** be eligible for re-entry or admission in the nursing program at MGA.

6. Using all available data, including but not limited to the application, entrance test scores, SAT scores, high school GPA, or college academic GPA in courses required in the nursing curriculum, the Admissions, Recruitment, and Retention Committee of the nursing program will evaluate all applicants who meet the admission criteria. Acceptance into the Nursing Program is highly competitive and admission is not guaranteed.

It may not be possible to admit all students who meet the minimum requirements for admission due to availability of clinical space and faculty resources. If there are more qualified applicants than positions available in a nursing class, selection for admission could include the following:

- Percentage of courses complete
- Academic performance in science courses
- Patterns of withdrawal from courses/schools
- Recorded academic misconduct and/or disruptive behavior
- Written communication skills
- Academic history of Ds and/or Fs

7. If the cumulative academic GPA in required nursing courses falls below 3.0 subsequent to their acceptance but prior to the first day of nursing class, students will be denied admission to the program.

8. Applicants who are accepted for admission into the nursing program but do not enter the nursing class must reapply for admission.

9. An applicant who is not accepted to the nursing program may reapply or pursue another major at the University by notifying the Office of the Registrar that they wish to change majors.

10. Re-entry into any program of Nursing (i.e. Pre-licensure BSN, ASN, RN-BSN) is not automatic. Students are not guaranteed re-entry into the nursing program. To be readmitted to Middle Georgia State University (MGA) nursing program the student must be fully admitted to the University according to current catalog guidelines and must have a minimum overall GPA of 3.0 and a minimum GPA of 3.0 in all nursing core courses and the courses required for the nursing program.

All students **must submit** a letter of intent to re-enter the nursing program by the end of the semester in which the course failure or withdrawal occurred. A student who has withdrawn with a **(W)**, a **(WF)** or failed with a **(D or F)** in any two (2) nursing courses in any nursing program **will not** be eligible for re-entry or admission in the nursing program at MGA. PL-BSN students who have withdrawn with a **(W)**, a **(WF)**, or failed with a **(D or F)** in one nursing course and who are planning to return to a nursing course must meet the following criteria:

- a. Maintain an overall GPA of 3.0 and a minimum GPA of 3.0 in all nursing core courses and the courses required for the nursing program.
- b. Submit a letter of intent to re-enter.
- c. Demonstrate competency in all nursing skills taught in previous nursing courses.
- d. Provide evidence of current immunizations (PPD or chest x-ray, Hepatitis-B series, tetanus and other required immunizations per health care agencies).
- e. Provide evidence of current CPR certification by the American Heart Association in Child and Adult basic life support (BCLS) for health care providers, current professional liability insurance and health insurance, and current criminal background check and drug screen.

All letters of intent will be reviewed by the Admission, Recruitment and Retention committee.

Students requesting re-entry should contact their assigned academic advisor with any questions or concerns.

Curriculum for Bachelor of Science in Nursing (Pre Licensure)

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

- ENGL 1101 – English Composition I **Credit:** 3 hours
- ENGL 1102 – English Composition II **Credit:** 3 hours
- Area A Math Elective **Credit:** 3 hours

Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

- Perspectives Elective **Credit:** 4 hours

Area C: Humanities/Fine Arts (Credit: 6 hours)

- Literature Elective **Credit:** 3 hours
- Area C Elective **Credit:** 3 hours

Area D: Science, Math, and Technology (Credit: 11 hours)

- Lab Science Elective **Credit:** 4 hours (Preferred CHEM 1151K; Acceptable BIOL 1001K, BIOL 2107K, CHEM 1211K or PHYS 1111K - must be lab course)
- Lab Science Elective **Credit:** 4 hours (Preferred CHEM 1152K; Acceptable BIOL 1002K, BIOL 2108K, CHEM 1212K or PHYS 1112K - must be lab course & sequence to first science course)
- MATH 1200 – Elementary Statistics **Credit:** 3 hour

Area E: Social Sciences (Credit: 12 hours)

- HIST 2111 – United States History to 1865 **Credit:** 3 hours **OR** HIST 2112 – United States History since 1865 **Credit:** 3 hours
- POLS 1101 – American Government **Credit:** 3 hours
- PSYC 1101 – Introduction to Psychology **Credit:** 3 hours
- Area E Elective **Credit:** 3 hours

See complete listing of core courses and requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

- Area F Elective **Credit:** 3 hours (Select from SOCI 1101, SOCI 1160, or SOCI 2293)
- BIOL 1114K – Anatomy and Physiology I **Credit:** 4 hours
- BIOL 1124K – Anatomy and Physiology II **Credit:** 4 hours
- BIOL 1134K – Microbiology for Health Sciences **Credit:** 4 hours
- PSYC 2103 – Introduction to Human Development **Credit:** 3 hours

Upper Division Nursing Courses Required for Pre-Licensure BSN Program (Credit: 60 hours)

- NURS 3000 – Introduction to Professional Nursing **Credit:** 2 hours
- NURS 3005 – Pharmacology **Credit:** 3 hours
- NURS 3010 – BSN Fundamental Concepts **Credit:** 6 hours
- NURS 3111 – Concepts of Mental Health Nursing Care **Credit:** 5 hours
- NURS 3115 – Concepts of Adult & Gerontological Nursing Care I **Credit:** 7 hours
- NURS 3200 – Physical Assessment **Credit:** 4 hours
- NURS 3330 – Nursing Research Methods **Credit:** 3 hours
- NURS 4000 – Concepts of Community Health and Transcultural Nursing Care **Credit:** 5 hours
- NURS 4116 – Concepts of Women's and Infant Health Care **Credit:** 4 hours
- NURS 4200 – Concepts of the Nurse as Leader/Manager **Credit:** 3 hours
- NURS 4210 – Concepts of Adult & Gerontological Nursing Care II **Credit:** 6 hours
- NURS 4211 – Concepts of Nursing Care of Children **Credit:** 4 hours
- NURS 4315 – Senior Nursing Practicum **Credit:** 8 hours

Total Hours: 120

RN-BSN Completion Program

Middle Georgia State University's (MGA) RN-BSN Completion Program is approved by the Georgia Board of Nursing and accredited by the Accreditation Commission for Education in Nursing (ACEN). The address for the Accreditation Commission for Education in Nursing (ACEN) is 3342 Peachtree Road NE, Atlanta, GA 30326, (404) 975-5000.

The purpose of the RN-BSN Completion Program is to provide Central Georgia Registered Nurses the opportunity to complete a baccalaureate nursing program. As a result, the program will provide Central Georgia health care facilities with baccalaureate-prepared nurses. Middle Georgia State University is committed to offering a flexible schedule of RN-BSN Completion courses with classes being taught via traditional classroom delivery and online.

Admission and Progression: RN-BSN Program

Admission to the RN-BSN Completion Program is competitive. In order to be considered for admission to the Middle Georgia State University (MGA) nursing program, applicants must:

1. (a) be fully admitted to the University according to current catalog guidelines in good academic standing and must have a minimum overall GPA of 2.5 and a minimum GPA of 3.0 in all nursing core courses and the courses required for the nursing program. An applicant cannot be a transient student.
OR
(b) be admitted to the University for the first time as a transfer student in "good academic standing" with a minimum transfer GPA of 2.5 and minimum cumulative academic GPA of 3.0 in courses required in the nursing curriculum.
AND
(c) student **MUST** submit an online application to the nursing program by the deadline posted at www.mga.edu
AND
(d) Applicants must be fully admitted to the university by the posted nursing application deadline. All admission materials must be properly executed and submitted to the Admissions Office and Registrar including, but not limited to, official transcripts mailed directly from each institution attended.
2. Students are required to complete all Bachelor of Science Degree Nursing core requirements.
3. Students must have graduated from an ACEN accredited Associate Degree or Diploma Nursing Program or fulfilled the Georgia RN-BSN articulation requirements.
4. Students must have a current and valid unrestricted RN license to practice in the state of Georgia. Students must maintain a current and valid unrestricted RN license throughout enrollment in the nursing program.
5. Student must submit a copy of their RN license to the Nursing Program.
6. A student who has withdrawn with a **(W)**, a **(WF)** or failed with a **(D or F)** in any two (2) nursing courses in any nursing program **will not** be eligible for re-entry or admission in the nursing program at MGA.
7. Using all available data, including but not limited to the application, SAT scores, high school GPA, or college academic GPA in courses required in the nursing curriculum, the Admissions, Recruitment, and Retention Committee of the nursing program will evaluate all applicants who meet the admission criteria. Acceptance into the Nursing Program is highly competitive.
8. Applicants who are accepted for admission into the RN-BSN Completion Program but do not enter the nursing class must reapply for admission.
9. The Nursing Programs Admissions, Recruitment, and Retention Committee will evaluate all applicants who meet the admission criteria and select the best qualified applicants.

Articulation Model

The RN-BSN Completion Program adheres to the Georgia RN-BSN Articulation Plan for the admission and acceptance of students into the nursing program. Students who do not meet eligibility requirements to be accepted into the nursing courses will need to complete the following requirements prior to acceptance into the RN-BSN Completion Program:

1. Completion of validation testing will be required of all associate degree or diploma graduates who graduated from non-ACEN accredited schools outside the state of Georgia, who graduated more than four years ago, and have less than 1,000 clinical practice hours. Successful completion of the three subsets of the National League for Nursing (NLN) Nursing Acceleration Challenge Exams (NACE) II Exams for RN-BSN students is required to validate current knowledge in the areas of Pediatrics, Obstetrics, Adult Health, and Psychiatric Nursing. The website address is: http://www.nln.org/testingservices/SON/ts_son_nace.htm.
2. Clinical competencies will be validated through psychomotor skills evaluation by faculty. A list of selected skills and evaluation criteria will be provided to students prior to examination. Evaluation of psychomotor skills will occur prior to acceptance into the RN-BSN Completion Program.

3. Upon successful completion of examination and skills requirements, admission to the RN-BSN Completion Program, and completion of NURS 3100, Advanced Standing Course Credit ranging from 1-30 hours for NURS 3160 will be awarded. RN-BSN Completion Program students will then follow the Progression, Dismissal and Readmission standards applicable to all nursing students.
4. Students have one opportunity to demonstrate clinical competencies on the psychomotor skills exams. If a student is not successful in completing one or more components of the required NLN NACE II validation tests, an individual remediation plan will be developed. After completion of the remediation plan, the student will have a total of two opportunities to successfully complete the required testing in each area in which they were unsuccessful.

Special Standings

Students enrolled in the sophomore year of an Associate Degree Nursing Program may take up to six semester credit hours of selected upper-division RN-BSN nursing classes prior to graduating with the Associate degree. This will allow Associate degree students who have completed core courses for a baccalaureate of science degree and have a minimum GPA of 2.5 to begin baccalaureate nursing studies. Courses that students are permitted to take in "special standing" are:

- NURS 3210 – Physical Assessment, Health Examination, & Documentation Practices for the Professional Nursing
- NURS 3440 – Introduction to Nursing Research **Credit:** 3 hours

Students will be encouraged to apply for the RN-BSN Completion Program upon successful completion of the NCLEX-RN exam. Course credits received under "Special Standing" status will apply if accepted in the RN-BSN Completion Program. Students will be subject to Admission and Progression requirements.

Bachelor of Science in Nursing (RN to BSN Completion)

Curriculum for Bachelor of Science in Nursing (RN to BSN Completion)

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

- ENGL 1101 – English Composition I **Credit:** 3 hours
- ENGL 1102 – English Composition II **Credit:** 3 hours
- Area A Math Elective **Credit:** 3 hours

Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

- Perspectives Elective **Credit:** 4 hours

Area C: Humanities/Fine Arts (Credit: 6 hours)

- Literature Elective **Credit:** 3 hours
- Area C Elective **Credit:** 3 hours

Area D: Science, Math, and Technology (Credit: 11 hours)

- Lab Science Elective **Credit:** 4 hours (Preferred CHEM 1151K; Acceptable BIOL 1001K, BIOL 2107K, CHEM 1211K or PHYS 1111K - must be lab course)
- Lab Science Elective **Credit:** 4 hours (Preferred CHEM 1152K; Acceptable BIOL 1002K, BIOL 2108K, CHEM 1212K or PHYS 1112K - must be lab course & sequence to first science course)
- MATH 1200 – Elementary Statistics **Credit:** 3 hour

Area E: Social Sciences (Credit: 12 hours)

- HIST 2111 – United States History to 1865 **Credit:** 3 hours **OR** HIST 2112 – United States History since 1865 **Credit:** 3 hours
- POLS 1101 – American Government **Credit:** 3 hours
- PSYC 1101 – Introduction to Psychology **Credit:** 3 hours
- Area E Elective **Credit:** 3 hours

See complete listing of core courses and requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field

- Area F Elective **Credit:** 3 hours (Select from SOCI 1101, SOCI 1160, or SOCI 2293)
- BIOL 1114K – Anatomy and Physiology I **Credit:** 4 hours
- BIOL 1124K – Anatomy and Physiology II **Credit:** 4 hours
- BIOL 1134K – Microbiology for Health Sciences **Credit:** 4 hours
- PSYC 2103 – Introduction to Human Development **Credit:** 3 hours

Upper Division Nursing Courses Required for RN-BSN Completion Program (Credit: 30 hours)

- NURS 3100 – Transition to Baccalaureate Nursing Practice **Credit:** 5 hours
- NURS 3210 – Physical Assessment, Health Examination, & Documentation Practices for the Professional Nursing **Credit:** 5 hours
- NURS 3440 – Introduction to Nursing Research **Credit:** 3 hours
- NURS 4100 – Nursing Care of Special Client Populations **Credit:** 8 hours
- NURS 4300 – Evidence-Based Practice: The Application of Nursing Research into Practice **Credit:** 9 hours

Total Hours: 90

Nursing (A.S.)

Admission and Progression: ASN Program

1. Admission to the ASN nursing program is competitive. To be considered for admission to the Middle Georgia State University (MGA) nursing program, applicants must:

(a) be fully admitted to the University according to current catalog guidelines and must have a minimum overall GPA of 2.5 and a minimum GPA of 2.5 in all nursing core courses and the courses required for the nursing program. An applicant cannot be a transient student.

OR

(b) be admitted to the University for the first time as a transfer student in "good academic standing" with a minimum overall transfer GPA of 2.5 in courses required in the nursing curriculum.

AND

(c) have completed any required Learning Support courses and maintain a 2.5 GPA in courses required in the nursing curriculum.

AND

(d) student must submit an online application to the nursing program by the deadline posted at www.mga.edu

AND

(e) Applicants must be fully admitted to the university by the posted nursing application deadline. All admission materials must be properly executed and submitted to the Admissions Office and Registrar including, but not limited to, official transcripts mailed directly from each institution attended.

2. Applicants must register and take the nursing entrance test. The TEAS V Entrance Exam must be taken within 12 months prior to the closing date of the application period. TEAS scores from other test sites are accepted. The testing fee is non-refundable.

3. Students who have completed BIOL 1114K, BIOL 1124K, BIOL 1134K, ENGL 1101, ENGL 1102, MATH 1101 or more advanced MATH courses, PSYC 1101, and PSYC 2103 must attain a grade of at least a "C" in each course. Students must complete ENGL 1101, ENGL 1102, MATH 1101, BIOL 1114K, and BIOL 1124K prior to admission to the ASN program.

4. A student who has withdrawn with a **(W)**, a **(WF)** or failed with a **(D or F)** in any two (2) nursing courses in any nursing program **will not** be eligible for re-entry or admission in the nursing program at MGA.

5. Using all available data, including but not limited to the application, entrance test scores, SAT scores, high school GPA, or college academic GPA in courses required in the nursing curriculum, the Admissions, Recruitment, and Retention Committee of the Nursing Program will evaluate all applicants who meet the admission criteria. Acceptance into the Nursing Program is highly competitive. It may not be possible to admit all students who meet the minimum requirements for admission due to availability of clinical space and faculty resources. If there are more qualified applicants than positions available in a nursing class, selection for admission could include the following:

- Percentage of courses complete
- Academic performance in science courses
- Patterns of withdrawal from courses/schools
- Recorded academic misconduct and/or disruptive behavior
- Written communication skills
- Academic history of Ds and/or Fs

6. If the cumulative academic GPA in required nursing courses falls below 2.5 subsequent to their acceptance but prior to the first day of nursing class, students will be denied admission to the program. Students must maintain a cumulative GPA of 2.5 in order to progress in the program.

7. Applicants who are accepted for admission into the nursing program but do not enter the nursing class must reapply for admission.

8. An applicant who is not accepted to the Nursing Program may reapply or pursue another major at the University by notifying the Office of the Registrar that they wish to change majors.

9. Re-entry into any program of Nursing (i.e. Pre-licensure BSN, ASN, RN-BSN) is not automatic. Students are not guaranteed re-entry into the nursing program. To be readmitted to Middle Georgia State University (MGA) nursing program the student must be fully admitted to the University according to current catalog guidelines and must have a minimum overall GPA of 2.5 and a minimum GPA of 2.5 in all nursing core courses and the courses required for the nursing program. All students **must submit** a letter of intent to re-enter the nursing program by the end of the semester in which the course failure or withdrawal occurred. A student who has withdrawn with a **(W)**, a **(WF)** or failed with a **(D or F)** in any two (2) nursing courses in any nursing program **will not** be eligible for re-entry or admission in the nursing program at MGA. ASN Students who have

withdrawn with a **(W)**, a **(WF)**, or failed with a **(D or F)** in one nursing course and who are planning to return to a nursing course must meet the following criteria:

- a. Maintain an overall GPA of 2.5 and a minimum GPA of 2.5 in all nursing core courses and the courses required for the nursing program
- b. Submit a letter of intent to re-enter.
- c. Demonstrate competency in all nursing skills taught in previous nursing courses.
- d. Provide evidence of current immunizations (PPD or chest x-ray, Hepatitis-B series, tetanus and other required immunizations per health care agencies).
- e. Provide evidence of current CPR certification by the American Heart Association in Child and Adult basic life support (BCLS) for health care providers, current professional liability insurance and health insurance, and current criminal background check and drug screen.

All letters of intent will be reviewed by the Admission, Recruitment and Retention committee.

Students requesting re-entry should contact their assigned nursing advisor with any questions or concerns.

Curriculum for Associate of Science in Nursing (A.S.N.)

Note: The Associate of Science in Nursing fulfills general education requirement for a career associate degree.

Critical Reading and Writing (Credit: 6 hours)

- ENGL 1101 – English Composition I **Credit:** 3 hours (3-0-3)
- ENGL 1102 – English Composition II **Credit:** 3 hours (3-0-3)

Natural Sciences/Mathematics Elective (Credit: 3 hours)

Choose one of the following courses:

- MATH 1101 – Introduction to Mathematical Modeling **Credit:** 3 hours
- MATH 1111 – College Algebra **Credit:** 3 hours
- MATH 1112 – Plane Trigonometry **Credit:** 3 hours
- MATH 1113 – Precalculus **Credit:** 3 hours
- MATH 1113H – Honors Precalculus **Credit:** 3 hours
- MATH 1251 – Calculus I **Credit:** 4 hours

Note: ENGL 1101, ENGL 1102, and the Mathematics elective must be completed within the first 30 hours. If students choose to take a four-hour math course, then one hour of credit from this course will count in Area F where applicable.

Humanities/Fine Arts Elective (Credit: 3 hours)

Choose one of the following courses:

- ENGL 2111 – World Literature I **Credit:** 3 hours
- ENGL 2112 – World Literature II **Credit:** 3 hours
- ENGL 2121 – British Literature I **Credit:** 3 hours
- ENGL 2122 – British Literature II **Credit:** 3 hours
- ENGL 2131 – American Literature I **Credit:** 3 hours
- ENGL 2132 – American Literature II **Credit:** 3 hours
- ENGL 2141 – African American Literature I **Credit:** 3 hours
- ENGL 2142 – African American Literature II **Credit:** 3 hours

Social/Behavioral Sciences (Credit: 9 hours)

- HIST 2111 – United States History to 1865 **Credit:** 3 hours
- **OR**
- HIST 2112 – United States History Since 1865 **Credit:** 3 hours
- **OR**
- POLS 1101 – American Government **Credit:** 3 hours
- **AND**
- PSYC 1101 – Introduction to Psychology **Credit:** 3 hours
- PSYC 2103 – Introduction to Human Development **Credit:** 3 hours

Note: Students must satisfy the U.S. and Georgia history requirement with either the U.S. and Georgia History Exam or HIST 2111 or 2112. Students must satisfy the U.S. and Georgia constitution requirement with either the U.S. and Georgia Constitution Exam or POLS 1101.

Major Field Courses (Credit: 46 hours)

- BIOL 1114K – Anatomy and Physiology I **Credit:** 4 hours (3-3-4)
- BIOL 1124K – Anatomy and Physiology II **Credit:** 4 hours (3-3-4)
- BIOL 1134K – Microbiology for Health Sciences **Credit:** 4 hours (3-3-4)
- NURS 1000 – Foundations of Nursing Practice **Credit:** 7 hours (4-9-7)
- NURS 1500 – Adult and Gerontological Nursing Practice I **Credit:** 6 hours (4-6-6)
- NURS 1510 – Behavioral Health Nursing Practice Across the Lifespan **Credit:** 3 hours (2-3-3)
- NURS 2000 – Adult and Gerontological Nursing Practice II **Credit:** 6 hours (4-6-6)
- NURS 2010 – Maternal, Newborn & Child Nursing **Credit:** 4 hours (3-3-4)
- NURS 2500 – Adult and Gerontological Nursing Practice III **Credit:** 8 hours (3-15-8)

Total Hours: 67

Department of Occupational Therapy Assistant Interim Program Director: Betsy McDaniel

Occupational Therapy Assistant (A.S.)

The Associate of Science in Occupational Therapy Assistant (OTA) Program at Middle Georgia State University requires at least two years of study. Occupational Therapy Assistant courses are offered sequentially beginning in the Fall semester. Students must complete BIOL 1114 (Anatomy and Physiology I) and 8 additional credit hours of core courses required for the OTA program prior to acceptance into the OTA Program.

The Occupational Therapy Assistant Program prepares graduates to provide entry-level services under the supervision of an occupational therapist. These services include the use of purposeful activities to develop, maintain, or restore function for individuals whose functional activities are impaired due to physical or psychosocial disabilities, developmental deficits, aging, poverty, or socio-cultural differences.

The graduate of the Occupational Therapy Assistant Program receives an Associate of Science in Occupational Therapy Assistant degree. The Occupational Therapy Assistant program at Middle Georgia State University received initial accreditation in December 1996 from the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, Suite 200, Bethesda, MD 20814-3440. The program was most recently re-accredited for a 10 year period in April 2012. Graduates of the program are eligible to take the national certification examination for the Occupational Therapy Assistant, administered by the National Board for Certification in Occupational Therapy (NBCOT), 800 S. Frederick Avenue, Suite 200, Gaithersburg, MD 20877-4150, (301) 990-7979. After successful completion of this exam, the individual will be a Certified Occupational Therapy Assistant (COTA). In addition, most states including Georgia require licensure to practice. However, state licenses are usually based on the results of the NBCOT certification examination. A felony conviction may affect a graduate's ability to sit for the NBCOT certification exam or attain state licensure. Contact NBCOT at (301) 990-7979 and the Georgia State Board of Occupational Therapy at (478) 207-2440 for more information.

OTA Program costs, in addition to regular MGA fees, include: (approximate - subject to change):

- Student Uniforms and Accessories (2 years) \$ 150.00
- Textbooks - OTA Courses (2 years) \$1,300.00
- Fieldwork Travel and Lodging up to \$1,500.00
- Field Trip Travel up to \$ 300.00
- Criminal Background Check \$ 50.00 yearly
- Professional Liability Insurance \$ 16.00 yearly
- AOTA membership \$ 75.00 yearly
- CPR certification \$ 40.00
- Pinning ceremony expenses \$ 50.00
- Lab fees associated with OTA courses with labs - vary according to semester
- Physical - \$35.00
- Immunizations - \$710 max (if no immunizations prior to enrollment)
- Goniometers - \$30.00
- Software - \$10.00
- Certification Exam after graduation - \$500.00

Some students may be required to complete drug screens or other tests as required by their fieldwork sites and will be responsible for any associated fees.

Admission Requirements for Occupational Therapy Assistant (OTA)

The OTA admission process is separate from the university admission process and is handled through the Occupational Therapy Assistant Department. Students must apply to both the university and to the OTA program. Admission is competitive, not all applicants will be accepted. The OTA program has a maximum enrollment of 30 students. The most current criteria for admission to the OTA program can be found at the OTA Home Page at www.mga.edu/ota. An on-line application to the program is also available at this site, or by calling the OTA secretary at 478-934-3057 or the Interim Program Director at 478-934-5200.

Applications and transcripts must be received by May 15th of the calendar year for which the student is applying.

Specific OTA admission requirements include:

1. Confirmed acceptance to Middle Georgia State University
2. Completion of any required university placement tests and learning support courses
3. Completion of BIOL 1114 (Anatomy and Physiology I) and 8 additional credit hours of core courses required for the OTA program with a minimum cumulative GPA of 2.75. Students with Academic Renewal must complete at least 12 semester hours before the AR-GPA is considered
4. Essential Competencies Policy: The Americans with Disabilities Act (ADA) ensures the qualified applicant with a disability has the opportunity to pursue program admission at public institutions. To determine whether an individual is a qualified applicant for programs or services, the ADA states that applicants must meet essential competency requirements. A list of essential competencies is available at the OTA Home Page at www.mga.edu/ota. Essential

competencies include critical thinking, communication, interpersonal skills, mobility, visual, hearing, and tactile abilities. The ability to observe, collect data and treat a patient independently, while ensuring patient safety at all times is an expectation of the OTA Program at

5. Middle Georgia State University. All students will be held to the same standards and must be able to perform the essential competencies of their program with or without reasonable accommodation. The OTA program at MGA is unable to make accommodations that impose an undue burden, present a threat to the health or safety of the individual or others, or fundamentally alter the nature of the curriculum including didactic component, laboratory sessions, and clinical affiliations. Questions about the accommodation process may be directed to the Coordinator of Disability Services at (478) 934-3023. More specific information about essential competencies can be found at the OTA website at www.mga.edu/ota.
6. A student who has had two unsuccessful attempts in any health science program will be ineligible for admission to the OTA program
7. All applicants not selected must reapply to be considered for future classes.
8. Once accepted to the OTA program, the student must meet, and keep current, the following requirements:
 - a) Certification in CPR, either American Heart Association Healthcare Providers or American Red Cross CPR for the Professional.
 - b) Professional student liability insurance coverage in the amount of \$1M single/\$3M aggregate
 - c) Health Insurance
 - d) Annual health evaluation, including immunizations, Hepatitis series and yearly TB test as specified by the program and /or fieldwork sites
 - e) Criminal background check
 - f) Fieldwork sites may require additional tests, for example: drug screens. It is the student's responsibility to comply with these requirements and pay any additional fees. Student's refused admittance to a fieldwork site due to the results of a criminal background check or drug screen will result in dismissal from the OTA program. OTA faculty will not be involved in the criminal background/drug screen process.
9. Travel to clinical/fieldwork and fieldtrip sites may be extensive. OTA fieldwork sites are in Middle Georgia and throughout the state of Georgia. Travel expenses, including living arrangements at distance sites are the responsibility of the student.

Occupational Therapy Assistant Academic Requirements

Please see the OTA homepage for the most current academic requirements at www.mga.edu/ota.

1. A minimum grade-point average (GPA) of 2.3 is required to remain in the OTA course sequence.
2. A grade of C or better is required in all OTA program-related courses and core courses.
3. Passing grades of 75% in all lecture, laboratory, and Level I fieldwork portions of the courses as well as the professional behavior assessment scale are required to pass the courses. Other course-specific competencies may be required to pass the course. Students who do not pass the professional behaviour assessment or any other portion of the course will receive a maximum grade of D for the course.
4. Students must complete all sections of all assignments of each course in order to pass the course.
5. Students must pass all practical exams in OTA courses. Students will have only two attempts to pass each practical exam. Failure of the second attempt will result in failure of the course.
6. Academic progression policy
 - a) Students must have completed any remaining non-prerequisite core courses prior to Fall Sophomore semester.
 - b) Some OTA courses and some general education courses are sequential. Students cannot enroll in an OTA course unless they have completed the required prerequisite OTA and general education courses with a grade of C or better. Students must complete BIOL 1114 (Anatomy and Physiology I) prior to entry into the OTA program. Students must enroll in PSYC 1101 prior to taking OCTA 1421. Students must successfully complete PSYCH 1101 no later than first freshman spring semester.
 - c) Students must complete all OTA core classes prior to Fall sophomore semester.
 - d) Students must complete the OTA program including Level II Fieldwork within a three calendar year span of time.
 - e) Students must pass all Level II Fieldwork courses within 12 months of completion of academic preparation in order to graduate from the program or by December of the third year, whichever occurs first. Students who fail a level II Fieldwork course must retake the course the next semester that the course is available. Students who are failing may request to withdraw from Level II fieldwork courses one time only.
 - f) Students must complete all academic requirements and all OTA core courses prior to attending level II fieldwork.
7. Students can have only one failure of any OTA course, including Level II fieldwork courses. More than one failure will result in dismissal from the OTA program. Continuation in the OTA program after failure of even one OTA course is at the discretion of the OTA faculty. The student must be eligible to return to the OTA program and to MGA.
8. The grading system for all OTA courses is: A=90-100, B=80-89.99, C=75-79.99, D=60-74.99, F=below 60.
9. Students who fail out of the OTA program will not be eligible to reenter the OTA program.
10. Students who drop or fail OCTA 1300 must re-apply to the OTA program. Readmission is at the discretion of the OTA faculty.

11. Students must provide proof of membership in AOTA (American Occupational Therapy Association) by the end of the second week of class of the Fall freshmen year. Students must maintain active AOTA membership until they graduate from the OTA program.
12. Students must turn in all signed forms to the OTA secretary by the end of the second week of class of Fall semester.
13. During the final semester before Level II Fieldwork, students will be given a Pre-fieldwork Clinical Skills Assessment that will evaluate essential, safe, clinical practice skills. Results will be mailed to Level II Fieldwork sites with the student's permission. Students must receive a minimum score of 75% on each section of the assessment. Students will have 1 retake attempt. Failure on the 2nd attempt will result in delay of Level II fieldwork by at least one semester. Students who fail the 2nd attempt must develop a written remediation plan for the next semester to be approved by the OTA faculty. Upon completion of remediation activities during the next semester, students will be allowed to test on the overall Pre-fieldwork Clinical Skills Assessment one last time. Students who pass the final Pre-fieldwork Clinical Skills Assessment will be rescheduled for the next available semester that Level II fieldwork experiences are offered. Fieldwork experiences will not be offered summer semester. Students who do not pass 75% of each section on the final attempt of the Pre-fieldwork Clinical Skills Assessment will be dropped from the OTA program and will not be readmitted.
14. Freshman students must turn in all required documentation to the Fieldwork Coordinator by December 1st. Failure to do so will result in dismissal from the OTA program.
15. Sophomore students must turn in all required documentation to the Fieldwork Coordinator by October 15th. Failure to do so will result in the student being dropped from any OTA practice classes in which they are enrolled, which will result in dismissal from the OTA program.

Curriculum for the Occupational Therapy Assistant (ASOTA) Program

Note: The Associate of Science in Occupational Therapy Assistant Program fulfills general education requirement for a career associate degree.

Critical Reading and Writing (Credit: 6 hours)

- ENGL 1101 – English Composition I **Credit:** 3 hours
- ENGL 1102 – English Composition II **Credit:** 3 hours

Natural Sciences/Mathematics Elective (Credit: 3 hours)

Choose one of the following courses:

- MATH 1101 – Introduction to Mathematical Modeling **Credit:** 3 hours
- MATH 1111 – College Algebra **Credit:** 3 hours
- MATH 1112 – Plane Trigonometry **Credit:** 3 hours
- MATH 1113 – Precalculus **Credit:** 3 hours
- MATH 1113H – Honors Precalculus **Credit:** 3 hours
- MATH 1251 – Calculus I **Credit:** 4 hours

Humanities/Fine Arts Elective (Credit: 3 hours)

Choose one of the following courses:

- ENGL 2111 – World Literature I **Credit:** 3 hours
- ENGL 2112 – World Literature II **Credit:** 3 hours

Social/Behavioral Sciences (Credit: 9 hours)

- HIST 2111 – United States History to 1865 **Credit:** 3 hours
OR
- HIST 2112 – United States History since 1865 **Credit:** 3 hours
OR
- POLS 1101 – American Government **Credit:** 3 hours
- PSYC 1101 – Introduction to Psychology **Credit:** 3 hours
- PSYC 2103 – Human Growth and Development **Credit:** 3 hours

Note: Students must satisfy the U.S. and Georgia history requirement with either the U.S. and Georgia History Exam or HIST 2111 or 2112. Students must satisfy the U.S. and Georgia constitution requirement with either the U.S. and Georgia Constitution Exam or POLS 1101.

Major Field Courses (Credit: 51 hours)

- BIOL 1114K – Anatomy and Physiology I **Credit:** 4 hours
- BIOL 1124K – Anatomy and Physiology II **Credit:** 4 hours
- OCTA 1211 – Analysis of Human Movement **Credit:** 2 hours
- OCTA 1300 – Introduction to OTA **Credit:** 3 hours
- OCTA 1410 – Therapeutic Media **Credit:** 4 hours
- OCTA 1421 – Psychosocial Practice for the OTA **Credit:** 4 hours
- OCTA 1422 – Physical Practice for the OTA **Credit:** 6 hours
- OCTA 2110 – Adaptive Techniques for OTA **Credit:** 2 hours
- OCTA 2230 – OTA Seminar **Credit:** 3 hours
- OCTA 2224 – Innovative Practice for the OTA **Credit:** 2 hours
- OCTA 2323 – Pediatric Practice for the OTA **Credit:** 5 hours
- OCTA 2541 – Level II Fieldwork **Credit:** 6 hours
- OCTA 2542 – Level II Fieldwork **Credit:** 6 hours

Total Hours: 72

Department of Respiratory Therapy

Chair: Teri Miller

Respiratory Therapy is a health care profession dedicated to the care, management, and life-support of individuals having deficiencies and abnormalities associated with the cardiopulmonary system. Respiratory Therapists are experts in the use of therapeutic and diagnostic aids to respiration. They must have a working knowledge of chemistry, microbiology, and physiology as well as respiratory therapy.

General Information

The following information applies to all respiratory therapy programs. Middle Georgia State University offers an Associate of Science in Respiratory Therapy (ASRT) and a Bachelor of Science Completion Program (BSRT). The most current academic policies and program information are available online. The program solicits input from an Advisory Committee that meets regularly to review the program's goals and objectives and to make recommendations to ensure that these goals and objectives are met. The committee is made up of the Medical Director, physicians, managers, respiratory therapists, faculty, and students. The Respiratory Therapy Program's Medical Director provides input to ensure that the medical components of the curriculum, both didactic and supervised clinical practice, meet the standards of medical practice.

Mission Statement

The mission of the Department of Respiratory Therapy is to provide quality education that prepares competent respiratory care professionals to serve a diverse health care community. The overarching vision for the Department of Respiratory Therapy at Middle Georgia State University is to be a regionally and nationally recognized respiratory therapy program of excellence by providing students with a first-class education which will prepare them to be actively engaged professionals through education, community service learning, and advanced practice.

Accreditation and Approvals

The Commission on Accreditation for Respiratory Care (CoARC) accredits the ASRT program. Graduates will be eligible to take the National Board for Respiratory Care (NBRC) Therapist Multiple-Choice Examination. If the candidate achieves the lower cut score, they will earn the CRT credential. If a candidate achieves the higher cut score, they will earn the CRT credential and become eligible for the Clinical Simulation Examination and the opportunity to earn the RRT credential. Application must be made for State Licensure to work in the State of Georgia.

Student Expectations

Middle Georgia State University students are responsible for fulfilling their academic responsibilities in an honest and forthright manner conducting themselves with civility in interpersonal interactions. The Middle Georgia State University Code of Conduct and the Respiratory Therapy Handbook contain a full description of student rights and responsibilities and the disciplinary procedures that will guide the action of the faculty and administration should a student allegedly violate the code. Students who are charged with a violation of the Middle Georgia State University Code of Conduct or the Respiratory Therapy Handbook will be subject to disciplinary procedures by the School of Health Science and Middle Georgia State University. Any violation, whether related to lack of integrity or civility, may result in dismissal from the Respiratory Therapy Program without consideration for re-entry.

General Requirements and Procedures for Admission to the Respiratory Therapy Programs

1. Admission to the Respiratory Therapy Program is competitive and limited. To be considered for admission or readmission to the program, applicants must first: (a) be admitted to the University in "good academic standing" with a minimum cumulative academic GPA of 2.25, **or** (b) be enrolled in the University in "good academic standing" with a minimum cumulative academic GPA of 2.50 in the core curriculum courses required in the respiratory program.
2. Once students qualify under either of the above described conditions, they may obtain application materials required for admission to the program online or from the Office of Respiratory Therapy.
3. Using all available data, including the application, SAT scores when available, high school GPA or university academic GPA in courses required in the respiratory therapy curriculum, letters of reference, the Admissions Committee of Respiratory Therapy will evaluate all applicants who meet the admission criteria and select the best qualified applicants for admission. Limited numbers of students are formally accepted each year due to the intensive hospital training.
4. A.S. applicants must take the Respiratory Entrance Exam (REE). Applicants are accepted based on all available data including the Respiratory Entrance Exam (REE) score. Acceptance into the Respiratory Therapy Program is highly competitive.
5. The Respiratory Entrance Exam (REE) must be administered at Middle Georgia State University by the Testing Center or the Respiratory Therapy Program.
6. If the cumulative GPA in required courses falls below the minimum 2.25 subsequent to their acceptance but prior to the beginning of the cohort's first semester of the program, they will be denied the privilege of entering the program.
7. Applicants who are accepted for admission into the program but who do not enter the program the semester they applied for must reapply in order to be considered for admission to a future class.

8. Applicants who are not accepted to the program may pursue another major at the University by notifying the Office of the Registrar that they wish to change majors.
9. Students who enter the program must have a Criminal Background Check and Urine Drug Screen performed by a company approved by the Respiratory Therapy Program. Clinical agencies will review Criminal Background Check and Urine Drug Screen results. The student must be approved by the clinical agency in order to participate in clinical experiences and progress in the program. If a clinical affiliate does not allow a student to attend clinical and the student is unable to meet class, lab, or practicum objectives, the student will not be allowed to progress in the Respiratory Therapy Program.

Based on professional judgment of the faculty, random Criminal Background Checks or Urine Drug Screen may be required while in the Respiratory Therapy Program. This testing, if required, will be at the student's expense.

Students enrolled in Respiratory Therapy courses are required to have health insurance that meets minimum standards as mandated by the University System of Georgia. Students who are covered by an acceptable policy held by a parent, spouse, company, or organization may request a waiver. Individual or Association Policies will not be considered for a waiver.

10. Students seeking admission to the Bachelor of Science Completion Program must have completed a regionally accredited respiratory therapy program with an associate of science degree and have earned the RRT credential.

Special Standings:

Students enrolled in the sophomore year of the Associate Degree Respiratory Therapy Program may take up to nine semester credit hours of selected upper-division BS classes prior to graduating with the Associate degree. This will allow Associate degree students who have a minimum GPA of 2.5 to begin baccalaureate respiratory studies.

Academic Standards for Respiratory Therapy Program: Progression, Dismissal, and Readmission

In addition to the other academic regulations of the University, the following requirements apply to the Respiratory Therapy Program:

1. A grade of at least a "C" is required for successful completion of each required respiratory therapy course.
2. A grade of at least a "C" is required in BIOL 1114K, 1124K, 1134K, CHEM 1151K, ENGL 1101, 1102, PSYC 1101, and the Area A MATH elective.
3. Prerequisites must be completed prior to entering the Respiratory Therapy program: BIOL114K, 1124K, CHEM 1151K, MATH 1101, 1111, 1112, 1113, or 1251, ENGL 1101, ENGL 1102, ENGL literature elective, and either HIST 2111 or 2112 or POLS 1101, and PSYC 1101.
4. Failure to meet progression requirements will result in dismissal from the Respiratory Therapy Program.
5. Students in good standing who voluntarily withdraw from the respiratory program may re-enter the program on a space available basis.
6. In addition to the requirements set forth in the Middle Georgia State University Academic Catalog, the student is responsible for adhering to all of the policies and procedures outlined in the Respiratory Therapy Student Handbook.
7. Academic misconduct, in any form, will not be tolerated and may result in dismissal from the program or not being admitted into the program.

Note: Applicants who are accepted for admission into the Respiratory Therapy Program must submit to the Director of Respiratory Therapy a physical examination report, and health requirements as adopted by the department. Enrolled respiratory therapy students must enroll in the student professional liability insurance offered by the University. Certificate and insurance must be valid during the freshman and sophomore years. A valid American Heart CPR card is mandatory throughout the student's program of study.

While students who have been convicted of a felony may be admitted to the Respiratory Therapy Program, such a conviction may prohibit them from attending clinical rotations, taking the national board examinations and becoming licensed by the Georgia Composite State Medical Board which governs respiratory care practice in the State of Georgia.

Readmission to the Program

Readmission to the program is at the discretion of the Department Chair. In order to be considered for readmission into the program, the student must be in "good academic standing" and meet criteria for re-entry consideration as established by the Department Chair.

Performance Standards

A Respiratory Care Practitioner (RCP) is an integral part of the health care profession that supports and maintains respiration by administering therapies or by providing diagnostic services. The RCP must demonstrate cognitive, psychomotor, and affective

skills in such a manner as to not place one's self, another health care worker, or the patient in any danger. Failure to demonstrate any of the abilities listed below is cause for dismissal from the RT program.

As mandated by the American Disabilities Act and the Rehabilitation Act of 1973 (Section 504), any impairment will be given careful consideration judged by the accommodations which must be made and by the ability to be educated and employed in the field of Respiratory Therapy.

An applicant should inform the Director of Respiratory Therapy prior to Admission to the program of any documented disabilities that relate to the identified performance standards.

The following is a list of the essential job functions of a RCP that must be performed independently on a daily basis.

Practice Performance Standards

ISSUE	PERFORMANCE STANDARD	EXAMPLES OF NECESSARY ACTIVITIES (NON ALL-INCLUSIVE)
Critical Thinking	Critical-thinking ability sufficient for clinical judgment	Identify cause/effect relationships in clinical situations, maintains client's physical and emotional safety, demonstrates competence in administration of meds, treatments and procedures, develop care plans
Interpersonal	Interpersonal abilities sufficient for interaction with individuals, families and groups from various social, emotional, cultural and intellectual backgrounds	Establish rapport with clients and colleagues, tolerate physically taxing workloads alternating shifts, function effectively during stressful situations, respond appropriately in stressful and emergency situations (physically, emotionally, mentally)
Communication	Communication abilities sufficient for verbal and written interaction with others	Speak clearly and succinctly; Describe client situations; Perceive nonverbal communication; Communicate effectively with physicians, staff, clients and client's families; Explain treatment procedures, initiate health teaching, and document and interpret nursing actions and client responses
Mobility	Physical abilities sufficient for movement from room to room and in small spaces	Stand for long periods of times; Work at a fast pace for long periods of time; Moves around in client's room, work spaces and treatment areas; Administer cardiopulmonary procedures
Motor Skills	Gross and fine motor abilities sufficient for providing safe, effective nursing care	Lift heavy objects; Use equipment and tools needed to carry out safe client care, position clients; Don sterile gloves and gown; Prepare medication aseptically.
Hearing	Auditory ability sufficient for monitoring and assessing health needs	Hear nurse call bell from clients; Hear telephone and have the ability to take orders over the telephone; Hear vital statistics with stethoscope to assess blood pressure, heart rate, lung vascular and abdominal sounds; Hear monitor alarm and emergency signals requiring quick response, and cries for help
Visual	Visual ability sufficient for observation and assessment necessary in nursing care	Observe client responses and assess correctly; see nurse call/emergency light; Read doctor's orders; Read very fine, small print on medication containers; Read monitors and other equipment
Tactile	Tactile ability sufficient for physical assessment	Perform palpation, functions of physical examination; Manual dexterity to use sterile technique to insert catheters (IV, Foley)

Adopted from SREB Council on Collegiate Education for Nursing

Respiratory Therapy (B.S.)

The Bachelor of Science in Respiratory Therapy Completion Program provides an education that is relevant and professionally sound to meet the respiratory therapy needs of the health care community. The respiratory therapist works with all members of the health care team in identifying and solving problems of respiratory disease and disorders of the cardiopulmonary system. The curriculum includes biological and physical sciences basic to understanding the functioning of the human breathing system, such as anatomy, physiology, medical terminology, chemistry, mathematics, microbiology, and physics and is designed to advance the knowledge of credentialed respiratory therapists.

Curriculum for Bachelor of Science in Respiratory Therapy

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

- ENGL 1101 - English Composition I Credit: 3 hours
- ENGL 1102 - English Composition II Credit: 3 hours
- Area A Math Elective Credit: 3 hours

Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

- Perspectives Elective Credit: 4 hours

Area C: Humanities/Fine Arts (Credit: 6 hours)

- Literature Elective Credit: 3 hours
- Area C Elective Credit: 3 hours

Area D: Science, Math & Technology (Credit: 11 hours)

- Lab Science CHEM 1151K – Survey of Chemistry I Credit: 4 hours
- Lab Science CHEM 1152K – Survey of Chemistry II Credit: 4 hours
- Area D Elective Credit: 3 hours

Area E: Social Sciences (Credit: 12 hours)

- HIST 2111 – United States History to 1865 Credit: 3 hours

OR

- HIST 2112 – United States History since 1865 Credit: 3 hours
- POLS 1101 – American Government Credit: 3 hours

AND

- Area E Elective Credit: 3 hours
- Area E Elective Credit: 3 hours

See complete listing of core courses and requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credit: 15 hours)

- BIOL 1114K – Anatomy and Physiology I Credit: 4 hours
- BIOL 1124K – Anatomy and Physiology II Credit: 4 hours
- BIOL 1134K – Microbiology for Health Sciences Credit: 4 hours
- PSYC 1101 – Introduction to General Psychology Credit: 3 hours

Guided Elective (Credit: 3 hours)

Suggested Area F Electives include:

- PSYC 2103 – Introduction to Human Development Credit: 3 hours
- PHYS 1111K – Introductory Physics I Credit: 4 hours
- PHYS 1112K – Introductory Physics II Credit: 4 hours
- PHYS 2211K – Principles of Physics I Credit: 4 hours
- PHYS 2212K – Principles of Physics II Credit: 4 hours
- CHEM 1211K – Principles of Chemistry I Credit: 4 hours
- CHEM 1212K – Principles of Chemistry II Credit: 4 hours
- CHEM 2211K – Fundamental Organic Chemistry I Credit: 4 hours
- CHEM 2212K – Fundamental Organic Chemistry II Credit: 4 hours

Credit by Validation (Credit: 21 hours)

Credit by validation (CV) is given for the following Respiratory Therapy courses based on the RRT credential and accepted as 3000-level courses:

- RESP 2202 – Clinical Experience II Credit: 3 hours
- RESP 2203 – Mechanical Ventilation Credit: 4 hours
- RESP 2204 – Case Studies in Respiratory Care and Ethical Issues Credit: 3 hours
- RESP 2205 – Pediatrics/Neonatology Credit: 3 hours

- RESP 2206 – Clinical Experience III Credit: 3 hours
- RESP 2209 – Clinical Experience IV **Credit:** 3 hours
- RESP 2215 – Advanced Airway Techniques **Credit:** 2 hours

Upper-Division Classes (Credit: 39 hours)

- HLSA 3310 – American Health Care System **Credit:** 3 hours
- HLSA 3320 – Health Care Management **Credit:** 3 hours
- RESP 3010 – Advanced Mechanical Ventilation **Credit:** 3 hours
- RESP 3020 – Intensive Respiratory Physiology **Credit:** 3 hours
- RESP 3030 – Respiratory Research **Credit:** 3 hours
- RESP 3040 – Advanced Pediatrics/Neonatology **Credit:** 3 hours
- RESP 3050 – Advanced Adult Critical Care **Credit:** 3 hours
- RESP 4010 – Case Management and Protocol Evaluation **Credit:** 3 hours
- RESP 4020 – Quality Control and Collaborative Care **Credit:** 3 hours
- RESP 4030 – Polysomnography **Credit:** 3 hours
- RESP 4040 – Respiratory Community Health **Credit:** 3 hours
- RESP 4050 – Mentoring and Preceptorship **Credit:** 3 hours
- RESP 4060 – Pulmonary Function Technology **Credit:** 3 hours

Total Hours: 120

Respiratory Therapy (A.S.)

Respiratory Therapy is a health care profession dedicated to the care, management, and life-support of individuals having deficiencies and abnormalities associated with the cardiopulmonary system. Respiratory Therapists are experts in the use of therapeutic and diagnostic aids to respiration. They must have a working knowledge of chemistry, microbiology, and physiology as well as respiratory therapy. This A.S. Respiratory Therapy Program is an entry-level career program accredited by the Commission on Accreditation for Respiratory Care (CoARC). The program's primary goal is to prepare graduates with demonstrated competence in the cognitive (knowledge), psychomotor (skills), and affective (behavioral) learning domains of respiratory care practice as performed by registered respiratory therapists (RRTs).

Curriculum for Associate of Science in Respiratory Therapy (Career)

Note: The Associate of Science in Respiratory Therapy fulfills general education requirement for a career associate degree.

Critical Reading and Writing (Credit: 6 hours)

- ENGL 1101 – English Composition I **Credit:** 3 hours
- ENGL 1102 – English Composition II **Credit:** 3 hours

Natural Sciences/Mathematics (Credit: 7 hours)

- CHEM 1151K – Survey of Chemistry I **Credit:** 4 hours

Choose one of the following courses:

- MATH 1101 – Introduction to Mathematical Modeling **Credit:** 3 hours
- MATH 1111 – College Algebra **Credit:** 3 hours
- MATH 1112 – Plane Trigonometry **Credit:** 3 hours
- MATH 1113 – Precalculus **Credit:** 3 hours
- MATH 1113H – Honors Precalculus **Credit:** 3 hours
- MATH 1251 – Calculus I **Credit:** 4 hours

Humanities/Fine Arts Elective (Credit: 3 hours)

Choose one of the following courses:

- ENGL 2111 – World Literature I **Credit:** 3 hours
- ENGL 2112 – World Literature II **Credit:** 3 hours

Social/Behavioral Sciences (Credit: 6 hours)

- HIST 2111 – United States History to 1865 **Credit:** 3 hours
OR
HIST 2112 – United States History since 1865 **Credit:** 3 hours
OR
- POLS 1101 – American Government **Credit:** 3 hours
- PSYC 1101 – Introduction to General Psychology **Credit:** 3 hours

Note: Students must satisfy the U.S. and Georgia history requirement with either the U.S. and Georgia History Exam or HIST 2111 or 2112. Students must satisfy the U.S. and Georgia constitution requirement with either the U.S. and Georgia Constitution Exam or POLS 1101.

Major Field Courses (Credit: 54 hours)

- BIOL 1114K – Anatomy and Physiology I **Credit:** 4 hours
- BIOL 1124K – Anatomy and Physiology II **Credit:** 4 hours
- BIOL 1134K – Microbiology for Health Sciences **Credit:** 4 hours
- RESP 1101 – Respiratory Physiology and Assessment **Credit:** 3 hours
- RESP 1102 – Respiratory Therapy Procedures and Equipment **Credit:** 4 hours
- RESP 1103 – Respiratory Pathophysiology **Credit:** 3 hours
- RESP 1104 – Clinical Experience I **Credit:** 3 hours
- RESP 1106 – Pharmacology **Credit:** 3 hours
- RESP 1107 – Hemodynamics **Credit:** 3 hours
- RESP 2202 – Clinical Experience II **Credit:** 3 hours
- RESP 2203 – Mechanical Ventilation **Credit:** 4 hours
- RESP 2204 – Case Studies in Respiratory Care and Ethical Issues **Credit:** 3 hours
- RESP 2205 – Pediatrics/Neonatology **Credit:** 3 hours

- RESP 2206 – Clinical Experience III **Credit:** 3 hours
- RESP 2208 – Ambulatory Care **Credit:** 1 hour
- RESP 2209 – Clinical Experience IV **Credit:** 3 hours
- RESP 2212 – Registry Review **Credit:** 1 hour
- RESP 2215 – Advanced Airway Techniques **Credit:** 2 hours

Total Hours: 76

School of Information Technology

Dean: Dr. Alex Koohang

Chair: Dr. Kevin Floyd

Mission Statement

The mission of the School of Information Technology (IT) is to educate students in information technology in ways that lead to fulfilling careers and enhance the economic vitality of Central Georgia. The School prepares its graduates to solve problems and apply new technologies within an increasingly interconnected and changing global environment. The School pursues this mission as an educational leader in teaching excellence, scholarship, professional service, and community outreach.

Acceptance into the Information Technology Program

The Bachelor of Science in Information Technology admission requires any transfer student to have at least a 2.0 GPA. Students must not have any Learning Support (LS) requirements to be eligible for admission to the program.

Information Technology Program Educational Objectives

The IT program provides students with knowledge in the core information technologies and builds on that knowledge to create professionals who meet the business and economic needs of Central Georgia. The program is designed to produce graduates with a diversified set of skills, roles, and experiences including knowledge in network administration and technologies, cyber security, cyber forensics, integrated digital media and game design, and software development. These knowledge areas will prepare our graduates for careers in a range of organizations, from small to large.

The core knowledge in the program includes programming, web design, systems analysis and design, human computer interaction, database principles, project management, legal and ethical issues in information technology, and foundations of information assurance. Senior capstone is the last core course students take in the program. In this course students (normally in teams of three to five members) will analyze, design, develop, implement, and assess an information system based on their accumulated knowledge throughout the IT program.

The courses in the program also emphasize critical thinking, problem solving, decision-making, and interpersonal and communication skills. Career success through lifelong learning and professional development is emphasized at all levels of the curriculum.

It is anticipated that a few years after graduation, graduates will

1. Assume productive roles in IT-related positions, such as network administrator, software developer, web master, systems analyst, information security analyst/officer, cybersecurity analyst/officer, cyberforensics analyst/officer, multimedia designer, and database administrator; and
2. Pursue life-long learning enabling them to adapt and grow as organizational responsibilities change

Information Technology Student Outcomes

Upon completion of the baccalaureate program in IT, students should be able to:

1. Identify and apply current technical concepts in the core information technologies
2. Define, analyze, and apply information system requirements in local and global environments
3. Design, implement, and administer effective IT solutions based on user requirements
4. Use appropriate project management methods in the creation of an effective IT project plan
5. Describe and apply best practices and standards in IT applications
6. Identify and apply IT methods used to protect the confidentiality, integrity, and availability of information and its delivery systems
7. Identify and incorporate relevant ethical, legal, security, and social issues in a technology environment
8. Work effectively in teams to develop IT based solutions
9. Communicate effectively both orally and in writing
10. Recognize the need for lifelong professional development

Information Technology (B.S.)

Candidates for the baccalaureate degree in IT must complete all graduation requirements as outlined in the Middle Georgia State University *Academic Catalog*. A grade of at least a "C" is required in all ITEC courses used to meet the School of Information Technology's degree requirements. Students pursuing the Bachelor of Science degree in Information Technology must complete the following:

Curriculum for Bachelor of Science in Information Technology

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

- ENGL 1101 - English Composition I **Credit:** 3 hours
- ENGL 1102 - English Composition II **Credit:** 3 hours
- MATH 1111, 1112, 1113, 1113H, or 1251 **Credit:** 3 or 4 hours

Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

- Perspectives Elective **Credit:** 4 hours

Area C: Humanities/Fine Arts (Credit: 6 hours)

- Literature Elective **Credit:** 3 hours
- COMM 1110 – Public Speaking **Credit:** 3 hours

Area D: Science, Math & Technology (Credit: 11 hours)

- Lab Science Elective **Credit:** 4 hours
- Lab Science Elective **Credit:** 4 hours
- Area D Elective **Credit:** 4 hours
Choose from MATH 1200, 1401 (eCore), 1251, 1501 (eCore), 2252, 2253, 2260, or 2270.

Area E: Social Sciences (Credit: 12 hours)

- HIST 2111 – United States History to 1865 **Credit:** 3 hours **OR** HIST 2112 – United States History since 1865 **Credit:** 3 hours
- POLS 1101 – American Government **Credit:** 3 hours
- Area E Elective **Credit:** 3 hours
- Area E Elective **Credit:** 3 hours

See complete listing of core courses and requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Major Field – take the following:

- ITEC 2215 – Introduction to Information Technology **Credit:** 3 hours
Note: School of Information Technology will accept a passing grade of 50 from the CLEP Exam "Information Systems and Computer Applications" as credit for ITEC 2215 – Introduction to Information Technology.
- ITEC 2260 – Intro to Computer Programming **Credit:** 3 hours
- ITEC 2270 – Application Development **Credit:** 3 hours
- ITEC 2320 – Networking Essentials **Credit:** 3 hours
- ITEC 2380 – Web Development **Credit:** 3 hours

Area F Math Elective - Choose one course from the following:

- MATH 1251 – Calculus I or MATH 1501 (eCore) **Credit:** 4 hours
- MATH 2120 – Discrete Mathematics **Credit:** 3 hours
- MATH 2252 – Calculus II **Credit:** 4 hours
- MATH 2253 – Calculus III **Credit:** 4 hours
- MATH 2260 – Introduction to Linear Algebra **Credit:** 4 hours
- MATH 2270 – Differential Equations **Credit:** 4 hours

Total Hours: 60

Area I: Information Technology upper-level Core Curriculum (Required) (Credit: 21 hours)

- ITEC 3155 – Systems Analysis and Design **Credit: 3 hours**
- ITEC 3235 – Human Computer Interaction **Credit: 3 hours**
- ITEC 3245 – Database Principles **Credit: 3 hours**
- ITEC 3300 – Project Management **Credit: 3 hours**
- ITEC 4200 – Foundations of Information Assurance **Credit: 3 hours**
- ITEC 4205 – Legal and Ethical Issues **Credit: 3 hours**
- ITEC 4750 – Senior Capstone **Credit: 3 hours**

Area II: Information Technology upper-level courses (Required) (Credit: 21 hours)

This area is satisfied by taking an ITEC concentration (See below). Or 21 hours of ITEC upper-level courses.

Area III: Additional courses (Required) (Credit: 18 hours)

These courses may be taken in:

1. Upper-level ITEC courses in the program;
2. Informatics courses deemed appropriate for providing students with a strong foundation in IT as well as a deeper understanding of another discipline; or
3. Approved transfer courses.

ITEC Concentrations

Cyber Forensics Concentration (Credit: 21 hours)

Students will learn the digital forensics process of acquisition, analysis, and reporting. Learners will carry out the procedures of identification, collection, preservation, examination, analysis, and reporting of evidence for civil and criminal cases. Students will learn about the tools and processes to handle digital evidence. Digital forensics includes using scientific methods and providing extensive documentation to ensure the preservation and integrity of the investigation.

Required (Credit: 15 hours)

- ITEC 4321 – Forensics/Data Recovery **Credit: 3 hours**
- ITEC 4322 – Advanced Forensics **Credit: 3 hours**
- ITEC 4341 – Incident Response and Contingency Planning **Credit: 3 hours**
- CRU 3200 – Criminal Procedure & Evidence **Credit: 3 hours**
- CRU 4310 – White Collar and Cybercrime **Credit: 3 hours**

Select two classes from the following (Credit: 6 hours)

- ITEC 3328 – Linux Systems Administration **Credit: 3 hours**
- ITEC 4344 – Ethical Hacking **Credit: 3 hours**
- ITEC 4299 – Special Topics in Cyberforensics **Credit: 3 hours**

Cybersecurity Concentration (Credit: 21 hours)

The Cybersecurity concentration involves detecting, reporting, and responding to cyber threats, making encryption codes to securely pass information between systems, and taking appropriate measures to ensure the security of valuable information. Students will learn about server and network security, incident response and contingency planning, conducting vulnerability assessments, and penetration testing.

Required (Credit: 15 hours)

- ITEC 4421 – Network Security **Credit: 3 hours**
- ITEC 4341 – Incident Response and Contingency Planning **Credit: 3 hours**
- ITEC 4361 – Software Security **Credit: 3 hours**
- ITEC 4345 – Cyber Systems Security **Credit: 3 hours**
- ITEC 4344 – Ethical Hacking **Credit: 3 hours**

Select two classes from the following (Credit: 6 hours)

- ITEC 4321 – Forensics/Data Recovery **Credit: 3 hours**
- ITEC 4370 – Virtual Computing **Credit: 3 hours**
- ITEC 4299 – Special Topics in Cybersecurity **Credit: 3 hours**

Networking Technologies and Administration Concentration (Credit: 21 hours)

The Network Technologies & Administration concentration educates students in the use of current concepts and technologies of networking. Students will learn to analyze the needs of organizations, communicate the needs to the users, and then design and build networks to meet those needs. Graduates will be prepared for positions in networking or systems administration.

Required (Credit: 15 hours)

- ITEC 3325 – Windows Systems Administration **Credit:** 3 hours
- ITEC 3328 – Linux Systems Administration **Credit:** 3 hours
- ITEC 4329 – Data Communications **Credit:** 3 hours
- ITEC 4370 – Virtual Computing **Credit:** 3 hours
- ITEC 4421 – Network Security **Credit:** 3 hours

Select two classes from the following (Credit: 6 hours)

- ITEC 3320 – Hardware and Systems **Credit:** 3 hours
- ITEC 4285 – Web Server Administration **Credit:** 3 hours
- ITEC 4242 – Database Administration **Credit:** 3 hours
- ITEC 4324 – Wireless Technologies **Credit:** 3 hours
- ITEC 4299 – Special Topics in Networking Technologies and Administration **Credit:** 3 hours

Software Development Concentration (Credit: 21 hours)

The Software Development concentration prepares students for the design, development, and implementation of software solutions. Graduates will be prepared for a variety of careers including software or systems developers, web application developers, or database programmers.

Required (Credit: 15 hours)

- ITEC 3264 – Data Structures **Credit:** 3 hours
- ITEC 3280 – Web Programming **Credit:** 3 hours
- ITEC 4261 – Java Programming **Credit:** 3 hours
- ITEC 4361 – Software Security **Credit:** 3 hours
- ITEC 4244 – Database Programming **Credit:** 3 hours

Select two classes from the following (Credit: 6 hours)

- ITEC 4268 – Web Development Environments **Credit:** 3 hours
- ITEC 4266 – C++ Programming **Credit:** 3 hours
- ITEC 4286 – Web Applications Development **Credit:** 3 hours
- ITEC 4269 – Client/Server Systems Programming **Credit:** 3 hours
- ITEC 4299 – Special Topics in Software Development **Credit:** 3 hours
-

Integrated Digital Media & Game Design Concentration (Credit: 21 hours)

The Integrated Digital Media & Game Design concentration prepares students in the design and development of digital media and games for use in a variety of IT applications. Through the various courses, students will develop competencies in evaluating user and product needs and in designing, developing, and implementing digital media products to meet those needs. Students learn a broad range of skills including graphic design and production, interface design, and analysis and design techniques for constructing interactive applications. Graduates will find career opportunities as digital media designers and developers, game developers, multimedia specialists, and trainers.

Required (Credit: 15 hours)

- ITEC 3236 – Interactive Digital Media **Credit:** 3 hours
- ITEC 4230 – Graphic Imaging **Credit:** 3 hours
- ITEC 4238 – 2D Computer Animation **Credit:** 3 hours
- ITEC 4237 – 3D Modeling **Credit:** 3 hours
- ITEC 4255 – Game Design and Development **Credit:** 3 hours

Select two classes from the following (Credit: 6 hours)

- ITEC 4250 – Computational Intelligence **Credit:** 3 hours
- ITEC 4284 – Web Multimedia Delivery **Credit:** 3 hours
- NMAC 3108 – Writing for Digital Media **Credit:** 3 hours

- NMAC 3145 – Digital Media Studio **Credit:** 3 hours
- NMAC 3600 – Digital Storytelling **Credit:** 3 hours
- ITEC 4299 – Special Topics in Integrated Digital Media and Game Design **Credit:** 3 hours

Informatics Concentrations

Informatics is the bridge that connects Information Technology to other areas of study. An Informatics Concentration provides students with a strong foundation in IT as well as a deeper understanding of another discipline. Informatics Concentrations allow students to more rapidly develop IT solutions for organizations within diverse disciplines. The Informatics Concentrations are Biology, English, Health, History, Humanities, and Mathematics.

All courses in the Informatics Concentration are taken outside the School of Information Technology. These courses are deemed to cover the foundations, theory, and principles within each concentration. Some concentrations lead to recognized disciplines for graduate study.

Informatics: Biology

Required Courses (Credit: 12 hours)

- BIOL 3104K – Cell Biology **Credit:** 4 hours
- BIOL 3510K – Invertebrate Zoology **Credit:** 4 hours
- BIOL 4110K – Genetics **Credit:** 4 hours

Required Electives (Credit: 4 hours)

Select one course from the following:

- BIOL 3350K – Ecology **Credit:** 4 hours
- BIOL 3360K – Plant Biology **Credit:** 4 hours
- BIOL 3520K – Vertebrate Zoology **Credit:** 4 hours
- BIOL 3540K – Microbiology **Credit:** 4 hours

Note: Students interested in the Informatics: Biology must take the following prerequisite courses: CHEM 1211K, BIOL 2107K, and BIOL 2108K. (All or some of these courses are normally taken in the core at MGA. They may also be approved transferred courses from other institutions.) NOTE: This informatics concentration is not a bioinformatics program.

Informatics: English

Required Courses (Credit: 15 hours)

Select five courses from the following:

- ENGL 3106 – Professional Writing and Communication **Credit:** 3 hours
- NMAC 3108 – Writing for Digital Media **Credit:** 3 hours
- NMAC 4450 – Documentary Film Production **Credit:** 3 hours
- NMAC 4451 – Fiction Film Production **Credit:** 3 hours
- HUMN 4480 – History of Print **Credit:** 3 hours
- NMAC 4481 – Film Analysis **Credit:** 3 hours

Note: Students interested in the Informatics: English must take the following prerequisite courses: ENGL 1102 and BUSA 2201. (ENGL 1102 is normally taken in the core at Middle Georgia State University. BUSA 2201 is offered through the School of Business. Both courses may also be approved transferred courses from other institutions.)

Informatics: Health

Required Courses (Credit: 9 hours)

- HLSA 3310 – American Health Care System **Credit:** 3 hours
- HLSA 3320 – Health Care Management **Credit:** 3 hours
- HLSA 4470 – Design & Management **Credit:** 3 hours

Required Electives (Credit: 6 hours)

Select two courses from the following:

- HLSA 3350 – Public Health and Epidemiology **Credit:** 3 hours
- HLSA 3360 – Quality Management and Improvement **Credit:** 3 hours
- HLSA 4410 – Health Law and Ethics **Credit:** 3 hours
- HLSA 4435 – Managed Care **Credit:** 3 hours

Informatics: History**Required Courses (Credit: 15 hours)****Option 1 - American History**

Take the following:

- HIST 3000 - Historical Methods **Credit:** 3 hours

Select four courses from the following:

- HIST 3710 – Colonial America **Credit:** 3 hours
- HIST 3730 – America, 1815-1848 **Credit:** 3 hours
- HIST 3750 – The Civil War and Reconstruction **Credit:** 3 hours
- HIST 3760 – United States History 1877-1917 **Credit:** 3 hours
- HIST 3770 – United States History 1917-1960 **Credit:** 3 hours
- HIST 3790 – United States History Since 1960 **Credit:** 3 hours
- HIST 3930 – History of Georgia **Credit:** 3 hours
- HIST 4700 – Multicultural America **Credit:** 3 hours
- HIST 4710 – Religion and Politics in American History **Credit:** 3 hours

Note: Students interested in the Informatics: American History must take the following prerequisite courses: HIST 2111 and HIST 2112. (These courses are normally taken in the core at Middle Georgia State University. They may also be approved transferred courses from other institutions.)

Option 2 - World History

Take the following:

- HIST 3000 – Historical Methods **Credit:** 3 hours

Select four courses from the following:

- HIST 3050 – The Ancient Mediterranean **Credit:** 3 hours
- HIST 3100 – History of Latin America **Credit:** 3 hours
- HIST 3150 – History of Africa to 1875 **Credit:** 3 hours
- HIST 3200 – Traditional China **Credit:** 3 hours
- HIST 3210 – Modern China **Credit:** 3 hours
- HIST 3230 – History of the Middle East **Credit:** 3 hours
- HIST 3440 – Europe in the Middle Ages **Credit:** 3 hours
- HIST 3460 – The Renaissance and Reformation **Credit:** 3 hours
- HIST 3480 – Europe in the Nineteenth Century **Credit:** 3 hours
- HIST 3490 – Europe in the Twentieth Century **Credit:** 3 hours
- HIST 4220 – History of Japan **Credit:** 3 hours
- HIST 4290 – Modern Russia **Credit:** 3 hours
- HIST 4320 – France 1660-1815 **Credit:** 3 hours
- HIST 4330 – Modern Germany **Credit:** 3 hours
- HIST 4336 – The Holocaust **Credit:** 3 hours
- HIST 4360 – Modern East Central Europe **Credit:** 3 hours

Note: Students interested in the Informatics: World History must take the following prerequisite courses: HIST 1111 and HIST 1112. (These courses are normally taken in the core at Middle Georgia State University. They may also be approved transferred courses from other institutions.)

Informatics: Humanities**Required Courses (Credit: 15 hours)**

- NMAC 3145 – Digital Media Studio **Credit:** 3 hours
- NMAC 3600 – Digital Storytelling **Credit:** 3 hours
- HUMN 3999 – Special Topics **Credit:** 3 hours
- HUMN 4472 – Studies in Culture **Credit:** 3 hours
- IDS 4070 – Organizations, Technology, and Culture **Credit:** 3 hours

Note: Students interested in the Informatics: Humanities must take the following prerequisite course: ENGL 1102. (ENGL 1102 is normally taken in the core at Middle Georgia State University. This course may also be an approved transferred course from other institutions.)

Informatics: Mathematics

Required Courses (Credit: 6 hours)

- MATH 3040 – Bridge to Higher Mathematics **Credit:** 3 hours
- MATH 3600 – Probability and Statistics **Credit:** 3 hours

Electives Credit (Credit: 9 hours)

Select three courses from the following:

- MATH 3010 – History of Mathematics **Credit:** 3 hours
- MATH 3251 – Applied Combinatorics **Credit:** 3 hours
- MATH 3510 – Foundations of Geometry **Credit:** 3 hours
- MATH 4110 – Number Theory **Credit:** 3 hours
- MATH 4150 – Linear Algebra **Credit:** 3 hours
- MATH 4260 – Mathematical Analysis **Credit:** 3 hours
- MATH 4300 – Regression Analysis **Credit:** 3 hours
- MATH 4480 – Graph Theory **Credit:** 3 hours
- MATH 4621 – Mathematical Statistics I **Credit:** 3 hours
- MATH 4622 – Mathematical Statistics II **Credit:** 3 hours
- MATH 4630 – Topics in Applied Statistics **Credit:** 3 hours
- MATH 4651 – Numerical Analysis I **Credit:** 3 hours
- MATH 4652 – Numerical Analysis II **Credit:** 3 hours
- MATH 4901 – Operations Research I **Credit:** 3 hours
- MATH 4902 – Operations Research II **Credit:** 3 hours
- MATH 4905 – Optimization **Credit:** 3 hours

Note: Students interested in the Informatics: Mathematics must take the following prerequisite courses: MATH 1251, MATH 2252, MATH 2253, MATH 2260, and MATH 2270. (Some of these courses are normally taken in the core at Middle Georgia State University. They may also be approved transferred courses from other institutions.)

Total Hours: 120

Information Technology Degree Online (B.S.)

Information Technology Degree Online Curriculum

(First and second years of the program)

The first two years of undergraduate studies include general education courses (Areas A - E) and IT Courses (Area F).

- General education courses may be approved transfer courses from other higher education institutions or completed entirely online through the Middle Georgia State's e-Core.
- Area F courses at Middle Georgia State may be completed through the university's School of Information Technology. They may also be approved transfer courses from other higher education institutions.
- Upper-division courses are completed during students' junior and senior years through the university's School of Information Technology (for IT courses) and School of Health Sciences (for Health Informatics courses).

(Third and fourth years of the Program)

The third and fourth years of the undergraduate studies include three areas.

Area I: Information Technology upper-level Core Curriculum (Required) (Credit: 21 hours)

- ITEC 3155 – Systems Analysis and Design **Credit: 3 hours**
- ITEC 3235 – Human Computer Interaction **Credit: 3 hours**
- ITEC 3245 – Database Principles **Credit: 3 hours**
- ITEC 3300 – Project Management **Credit: 3 hours**
- ITEC 4200 – Foundations of Information Assurance **Credit: 3 hours**
- ITEC 4205 – Legal and Ethical Issues **Credit: 3 hours**
- ITEC 4750 – Senior Capstone **Credit: 3 hours**

Area II: Information Technology upper-level courses (Required) (Credit: 21 hours)

This area is satisfied by taking an ITEC concentration (See below). Or 21 hours of ITEC upper-level courses.

Area III: Additional courses (Required) (Credit: 18 hours)

These courses may be taken in:

4. Upper-level ITEC courses in the program;
5. Informatics courses deemed appropriate for providing students with a strong foundation in IT as well as a deeper understanding of another discipline; or
6. Approved transfer courses.

ITEC Concentrations

Cyber Forensics Concentration (Credit: (21 hours)

Students will learn the digital forensics process of acquisition, analysis, and reporting. Learners will carry out the procedures of identification, collection, preservation, examination, analysis, and reporting of evidence for civil and criminal cases. Students will learn about the tools and processes to handle digital evidence. Digital forensics includes using scientific methods and providing extensive documentation to ensure the preservation and integrity of the investigation.

Required (Credit: 15 hours)

- ITEC 4321 – Forensics/Data Recovery **Credit: 3 hours**
- ITEC 4322 – Advanced Forensics **Credit: 3 hours**
- ITEC 4341 – Incident Response and Contingency Planning **Credit: 3 hours**
- CRU 3200 – Criminal Procedure & Evidence **Credit: 3 hours**
- CRU 4310 – White Collar and Cybercrime **Credit: 3 hours**

Select two classes from the following (Credit: 6 hours)

- ITEC 3328 – Linux Systems Administration **Credit: 3 hours**
- ITEC 4344 – Ethical Hacking **Credit: 3 hours**
- ITEC 4299 – Special Topics in Cyberforensics **Credit: 3 hours**

Cybersecurity Concentration (Credit: 21 hours)

The Cybersecurity concentration involves detecting, reporting, and responding to cyber threats, making encryption codes to securely pass information between systems, and taking appropriate measures to ensure the security of valuable information. Students will learn about server and network security, incident response and contingency planning, conducting vulnerability assessments, and penetration testing.

Required (Credit: 15 hours)

- ITEC 4421 – Network Security **Credit:** 3 hours
- ITEC 4341 – Incident Response and Contingency Planning **Credit:** 3 hours
- ITEC 4361 – Software Security **Credit:** 3 hours
- ITEC 4345 – Cyber Systems Security **Credit:** 3 hours
- ITEC 4344 – Ethical Hacking **Credit:** 3 hours

Select two classes from the following (Credit: 6 hours)

- ITEC 4321 – Forensics/Data Recovery **Credit:** 3 hours
- ITEC 4370 – Virtual Computing **Credit:** 3 hours
- ITEC 4299 – Special Topics in Cybersecurity **Credit:** 3 hours

Networking Technologies and Administration Concentration (Credit: 21 hours)

The Network Technologies & Administration concentration educates students in the use of current concepts and technologies of networking. Students will learn to analyze the needs of organizations, communicate the needs to the users, and then design and build networks to meet those needs. Graduates will be prepared for positions in networking or systems administration.

Required (Credit: 15 hours)

- ITEC 3325 – Windows Systems Administration **Credit:** 3 hours
- ITEC 3328 – Linux Systems Administration **Credit:** 3 hours
- ITEC 4329 – Data Communications **Credit:** 3 hours
- ITEC 4370 – Virtual Computing **Credit:** 3 hours
- ITEC 4421 – Network Security **Credit:** 3 hours

Select two classes from the following (Credit: 6 hours)

- ITEC 3320 – Hardware and Systems **Credit:** 3 hours
- ITEC 4285 – Web Server Administration **Credit:** 3 hours
- ITEC 4242 – Database Administration **Credit:** 3 hours
- ITEC 4324 – Wireless Technologies **Credit:** 3 hours
- ITEC 4299 – Special Topics in Networking Technologies and Administration **Credit:** 3 hours

Software Development Concentration (Credit: 21 hours)

The Software Development concentration prepares students for the design, development, and implementation of software solutions. Graduates will be prepared for a variety of careers including software or systems developers, web application developers, or database programmers.

Required (Credit: 15 hours)

- ITEC 3264 – Data Structures **Credit:** 3 hours
- ITEC 3280 – Web Programming **Credit:** 3 hours
- ITEC 4261 – Java Programming **Credit:** 3 hours
- ITEC 4361 – Software Security **Credit:** 3 hours
- ITEC 4244 – Database Programming **Credit:** 3 hours

Select two classes from the following (Credit: 6 hours)

- ITEC 4268 – Web Development Environments **Credit:** 3 hours
- ITEC 4266 – C++ Programming **Credit:** 3 hours
- ITEC 4286 – Web Applications Development **Credit:** 3 hours
- ITEC 4269 – Client/Server Systems Programming **Credit:** 3 hours
- ITEC 4299 – Special Topics in Software Development **Credit:** 3 hours

Integrated Digital Media & Game Design Concentration (Credit: 21 hours)

The Integrated Digital Media & Game Design concentration prepares students in the design and development of digital media and games for use in a variety of IT applications. Through the various courses, students will develop competencies in evaluating user and product needs and in designing, developing, and implementing digital media products to meet those needs. Students learn a broad range of skills including graphic design and production, interface design, and analysis and design techniques for constructing interactive applications. Graduates will find career opportunities as digital media designers and developers, game developers, multimedia specialists, and trainers.

Required (Credit: 15 hours)

- ITEC 3236 – Interactive Digital Media **Credit:** 3 hours
- ITEC 4230 – Graphic Imaging **Credit:** 3 hours
- ITEC 4238 – 2D Computer Animation **Credit:** 3 hours
- ITEC 4237 – 3D Modeling **Credit:** 3 hours
- ITEC 4255 – Game Design and Development **Credit:** 3 hours

Select two classes from the following (Credit: 6 hours)

- ITEC 4250 – Computational Intelligence **Credit:** 3 hours
- ITEC 4284 – Web Multimedia Delivery **Credit:** 3 hours
- NMAC 3108 – Writing for Digital Media **Credit:** 3 hours
- NMAC 3145 – Digital Media Studio **Credit:** 3 hours
- NMAC 3600 – Digital Storytelling **Credit:** 3 hours
- ITEC 4299 – Special Topics in Integrated Digital Media and Game Design **Credit:** 3 hours

Interdisciplinary Studies (B.S.)

Curriculum for the Bachelor of Arts in Interdisciplinary Studies

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

- ENGL 1101 - English Composition I **Credit:** 3 hours
- ENGL 1102 - English Composition II **Credit:** 3 hours **OR** ENGL 1102H – Honors English Composition II **Credit:** 3 hours
- MATH 1111, 1112, 1113, or 1251 **Credit:** 3 or 4 hours

Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

- Perspectives Elective **Credit:** 4 hours

Area C: Humanities/Fine Arts (Credit: 6 hours)

- Literature Elective **Credit:** 3 hours
- Area C Elective **Credit:** 3 hours

Area D: Science, Math & Technology (Credit: 11 hours)

- Lab Science Elective **Credit:** 4 hours
- Lab Science Elective **Credit:** 4 hours
- Area D Elective **Credit:** 4 hours

Note: Must choose Option II Area D Electives for Science Majors

Area E: Social Sciences (Credit: 12 hours)

- HIST 2111 – United States History to 1865 **Credit:** 3 hours **OR** HIST 2112 – United States History since 1865 **Credit:** 3 hours

AND

- POLS 1101 – American Government **Credit:** 3 hours
- Area E Elective **Credit:** 3 hours
- Area E Elective **Credit:** 3 hours

See complete listing of core courses and requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Approved Interdisciplinary Electives*

Area C-F Course may be applied with approval of advisor in order to meet prerequisite requirements for upper level coursework.

No courses already applied in Areas A-E may be applied in Area F.

Upper-level courses (Credit: 60 hours)

Interdisciplinary Studies Core (Credit: 15 hours)

Interdisciplinary Studies Required

- IDS 3800 – Methods in Interdisciplinary Research **Credit:** 3 hours

Communication Elective: Choose One

- COMM 3015 – Intercultural Communication in a Global Society **Credit:** 3 hours
- ENGL 3106 – Professional Writing and Communication **Credit:** 3 hours
- ENGL 4106 – Technical Writing in the Digital Age **Credit:** 3 hours
- NMAC 3108 – Writing for Digital Media **Credit:** 3 hours

Ethics Elective: Choose One

- BUSA 3101 – Business Ethics **Credit:** 3 hours
- HLSA 3390 – Bioethics **Credit:** 3 hours
- HUMN 4340 – Introduction to Ethics **Credit:** 3 hours
- ITEC 4205 – Legal and Ethical Issues in Information Technology **Credit:** 3 hours
- POLS 3065 – Ethics in Public Service Management **Credit:** 3 hours

Interdisciplinary Studies Praxis Course: Choose Two

- IDS 4010 – Gender, Media, and Culture **Credit:** 3 hours
- IDS 4020 – Science, Politics, and Culture **Credit:** 3 hours
- IDS 4070 – Organizations, Technology, and Culture **Credit:** 3 hours

Interdisciplinary Concentration: Choose One or Two (Credit: 15-30 hours)**Selected Discipline Concentration (Credit: 42 hours)**

All fifteen hours of credit must have a common designation (BIOL, PSYC, POLS, NMAC, etc), must be taken at the 3000/4000 level, and be selected with the guidance of an advisor.

IT in Business Concentration

- ITEC 3310 – Information Technology and Organizational Integration **Credit:** 3 hours
- ITEC 3351 – Analytics and Organizational Intelligence **Credit:** 3 hours
- ITEC 4254 – Business Driven Technologies **Credit:** 3 hours
- ITEC 4288 – Electronic Commerce Systems **Credit:** 3 hours
- ITEC 4710 – Globalization and Technology **Credit:** 3 hours

Cybersecurity

- ITEC 4341 – Incident Response and Contingency Planning **Credit:** 3 hours
- ITEC 4344 – Ethical Hacking **Credit:** 3 hours
- ITEC 4345 – Cyber Systems Security **Credit:** 3 hours
- ITEC 4361 – Software Security **Credit:** 3 hours
- ITEC 4421 – Network Security **Credit:** 3 hours

Understanding the Healthcare Systems

- HLSA 3000 – Research Methods **Credit:** 3 hours
- HLSA 3310 – American Healthcare System **Credit:** 3 hours
- HLSA 3350 – Public Health & Epidemiology **Credit:** 3 hours
- HLSA 4470 – Design and Management **Credit:** 3 hours
- ITEC 4345 – Cyber Systems Security **Credit:** 3 hours

Application of IT to Healthcare

- HIMT 2330 – Coding **Credit:** 3 hours
- HLSA 3360 – Quality Management & Improvement **Credit:** 3 hours
- HLSA 4200 – Independent Study – Global Health **Credit:** 3 hours
- HLSA 4430 – Health Care Economics **Credit:** 3 hours
- HLSA 4490 – Integrative Issues in Health Care – Capstone **Credit:** 3 hours

Approved Interdisciplinary Electives* (Credit: 0-15 hours)

Students who do not choose a second concentration from the list above many choose approved interdisciplinary electives in consultation with an advisor.

Note: The BS in Interdisciplinary Studies program of study requires 39 hours of upper division (3000/4000 level) IDS course work. Students can receive no more than twenty-one (21) units of lower division (1000/2000) credit above and beyond the lower-division credit earned in Areas A-F.

* **Approved Interdisciplinary Electives** are those deemed by any advisor to be necessary as prerequisites and/or appropriate to the special academic and career goals of the student; these electives are not course substitutions; therefore, no paperwork needs to be filed.

Total Hour: 120

Financial Technology (Fintech) (A.S.)

Core Curriculum (Credit: 42 hours)

Area A: Essential Skills (Credit: 9 hours)

- ENGL 1101 - English Composition I **Credit:** 3 hours
- ENGL 1102 - English Composition II **Credit:** 3 hours
- MATH 1111, 1112, 1113, 1113H, or 1251 **Credit:** 3 or 4 hours

Note: Courses required for Area A must be completed within the first 30 hours.

Area B: Institutional Options (Credit: 4 hours)

- Perspectives Elective **Credit:** 4 hours

Area C: Humanities/Fine Arts (Credit: 6 hours)

- Literature Elective **Credit:** 3 hours
- COMM 1110 – Public Speaking **Credit:** 3 hours

Area D: Science, Math & Technology (Credit: 11 hours)

- Lab Science Elective **Credit:** 4 hours
- Lab Science Elective **Credit:** 4 hours
- Area D Elective **Credit:** 4 hours
Choose from MATH 1200, 1401 (eCore), 1251, 1501 (eCore), 2252, 2253, 2260, or 2270.

Area E: Social Sciences (Credit: 12 hours)

- HIST 2111 – United States History to 1865 **Credit:** 3 hours **OR** HIST 2112 – United States History since 1865 **Credit:** 3 hours
- POLS 1101 – American Government **Credit:** 3 hours
- Area E Elective **Credit:** 3 hours
- Area E Elective **Credit:** 3 hours

See complete listing of core courses and requirements on pages [70-76](#)

Area F: Lower Division Major Requirements (Credit: 18 hours)

Required Courses (Credit: 15 hours)

- ITEC 2400 – Industry Trends and Disruptive Technology **Credit:** 3 hours
- ITEC 2410 – Web Application Programming **Credit:** 3 hours
- ITEC 2420 – Big Data Analytics **Credit:** 3 hours
- ITEC 2430 – Cybersecurity **Credit:** 3 hours
- ITEC 2440 – IT Entrepreneurship and Innovation **Credit:** 3 hours

Math Elective (Credit: 3 hours)

Choose one from the following:

- MATH 1200 – Elementary Statistics **Credit:** 3 hours
- MATH 1401 – Introduction to Statistics **Credit:** 3 hours

Information Technology (Minor)

Middle Georgia State University's School of Information Technology offers a minor in Information Technology (IT) for undergraduates enrolled in any discipline or program other than IT. The IT minor is designed for students who wish to develop knowledge and skills in applying as well as integrating current computing technologies to enhance and support their primary field of studies.

Information technology has become increasingly important in such fields as education, nursing, business, biology, history, public service, and communications. Few careers exist today that are not impacted by technology, and graduates in all fields should be prepared to use it to its greatest potential.

Goal

A minor in Information Technology provides students with essential skills needed in a variety of fields, including:

- Enhancing the student's understanding of the fundamentals of information technology.
- Developing the student's ability to specify, select, and utilize information technology in his or her major field of study.
- Equipping students with the skills and terminology needed to interact with technology professionals.

The minor in Information Technology contains a total of 15 hours of coursework with a minimum of nine hours in upper division IT courses at Middle Georgia State University.

Grade Requirements: A grade of "C" or better must be earned in all courses used to satisfy the minor.

Required Coursework (Credit: 3 hours)

- ITEC 2215 – Introduction to Information Technology **Credit: 3 hours**
- OR**
- ITEC 2201 – Business Information Applications **Credit: 3 hours**

The additional four courses may be selected from any course in the IT curriculum, at least three of which **must be at the 3000 or 4000 level**. While any combination of courses meeting the above requirements will be suitable for a minor, the School of Information Technology recommends that at least some of the selected courses focus on competencies central to the information technology profession. Courses selected from the following list will accomplish this goal. (**Credit: 12 hours**)

- ITEC 2320 – Networking Essentials **Credit: 3 hours**
- ITEC 2380 – Web Development **Credit: 3 hours**
- ITEC 3155 – Systems Analysis and Design **Credit: 3 hours**
- ITEC 3235 – Human Computer Interaction **Credit: 3 hours**
- ITEC 3236 – Interactive Digital Media **Credit: 3 hours**
- ITEC 3245 – Database Principles **Credit: 3 hours**
- ITEC 3300 – Project Management **Credit: 3 hours**
- ITEC/BUSA 3340 – Business Analysis Using Excel **Credit: 3 hours**
- ITEC 4205 – Legal and Ethical Issues in Information Technology **Credit: 3 hours**

And any other courses approved by the Dean of the School of Information Technology

Note: Courses taken from this list to satisfy a major may not be used for credit toward the completion of this minor.

Total Hours: 15

Web Design and Instructional Technology (Minor)

Middle Georgia State University's School of Information Technology minor in Web Design and Instructional Technology (WIT) is designed for technology trainers, teachers, instructional support specialists or other professionals who are interested in learning more about integrating the use of computers and other Web-based technologies into teaching and learning. The Web Design and Instructional Technology Minor contains a minimum of 18 hours of coursework.

Grade Requirements: A grade of "C" or better must be earned in all courses used to satisfy the minor.

Required Coursework (Credit: 3 hours)

- ITEC 2201 – Business Information Applications **Credit: 3 hours**
- OR**
- ITEC 2215 – Introduction to Information Technology **Credit: 3 hours**

Additional Required Courses (Credit: 15 hours)

- ITEC 2380 – Web Development **Credit: 3 hours**
- ITEC 3235 – Human Computer Interaction **Credit: 3 hours**
- ITEC 3236 – Interactive Digital Media **Credit: 3 hours**
- ITEC 4231 – Designing Content for Instructional Applications **Credit: 3 hours**
- ITEC 4284 – Web Multimedia Delivery **Credit: 3 hours**

Note: Courses taken from this list to satisfy a major may not be used for credit toward the completion of this minor.

Total Hours: 18

Certificate Admission Standards

To be admitted to a certificate program, the student must hold an associate's degree (or higher) from an accredited institution. Students who are enrolled in or have completed a BSIT may not enroll in the certificate.

Certificate in Network Administration

The certificate in network administration is designed for busy professionals seeking to develop expertise in the field, add to their credentials or improve their skills or job prospects. A certificate in network administration provides students with essential skills needed in areas of network operating systems, database administration, web server administration, data communications, and wireless network technologies.

The certificate in network administration contains a total of 18 hours of course work with a minimum of 12 hours in upper division courses. A grade of "C" or better must be earned in all courses used to satisfy the certificate. Before graduation all students must complete a certificate assessment assignment as directed by the program chair. The certificate in network administration requires the following courses.

Required Coursework (Credit: 6 hours)

- ITEC 2215 – Introduction to Information Technology **Credit:** 3 hours
- ITEC 2320 – Networking Essentials **Credit:** 3 hours

Network Administration Electives (Credit: 12 hours)

Choose any 4 courses:

- ITEC 3325 – Windows System Administration **Credit:** 3 hours
- ITEC 3328 – Linux Systems Administration **Credit:** 3 hours
- ITEC 4242 – Database Administration **Credit:** 3 hours (Prereq: ITEC 3245)
- ITEC 4285 – Web Server Administration **Credit:** 3 hours (Prereq: ITEC 2380)
- ITEC 4324 – Wireless Technologies **Credit:** 3 hours
- ITEC 4329 – Data Communication **Credit:** 3 hours
- ITEC 4370 – Virtual Computing **Credit:** 3 hours

Total: 18 hours

Certificate in Web Design

The certificate in web design is designed for busy professionals seeking to develop expertise in the field, add to their credentials or improve their skills or job prospects. A certificate in web design provides students with essential skills needed in areas of web design and development, HCI, and creating digital media for the web.

The certificate in web design contains a total of 18 hours of course work with a minimum of 12 hours in upper division courses. A grade of "C" or better must be earned in all courses used to satisfy the certificate. Before graduation all students must complete a certificate assessment assignment as directed by the program chair. The certificate in web design requires the following courses.

Required Coursework (Credit: 6 hours)

- ITEC 2215 – Introduction to Information Technology **Credit:** 3 hours
- ITEC 2380 – Web Development **Credit:** 3 hours

Web Design Electives (Credit: 12 hours)

Choose any 4 courses:

- ITEC 3235 – Human Computer Interaction **Credit:** 3 hours
- ITEC 3236 – Interactive Digital Media **Credit:** 3 hours
- ITEC 4230 – Graphic Imaging **Credit:** 3 hours (Prereq: ITEC 3236)
- ITEC 4284 – Web Multimedia Delivery **Credit:** 3 hours (Prereq: ITEC 4230)
- ITEC 429F2 – Advanced Web Development **Credit:** 3 hours

Total: 18 hours

Certificate in Cybersecurity

The certificate in cybersecurity is designed for busy professionals seeking to develop expertise in the field, add to their credentials or improve their skills or job prospects. A certificate in cybersecurity provides students with essential skills needed in areas of network security, forensics, incident response, and contingency planning.

The certificate in cybersecurity contains a total of 18 hours of course work with a minimum of 12 hours in upper division courses. A grade of "C" or better must be earned in all courses used to satisfy the certificate. Before graduation all students must

complete a certificate assessment assignment as directed by the program chair. The certificate in cybersecurity requires the following courses.

Required Coursework (Credit: 6 hours)

- ITEC 2215 – Introduction to Information Technology **Credit:** 3 hours
- ITEC 2320 – Networking Essentials **Credit:** 3 hours

Cybersecurity Electives (Credit: 12 hours)

Choose any 4 courses:

- ITEC 4200 – Foundations of Information Assurance **Credit:** 3 hours
- ITEC 4321 – Forensics/Data Recovery **Credit:** 3 hours
- ITEC 4322 – Advanced Digital Forensics **Credit:** 3 hours (Prereq: ITEC 4321)
- ITEC 4341 – Incident Response/Contingency Planning **Credit:** 3 hours (Prereq: ITEC 4200)
- ITEC 4370 – Virtual Computing **Credit:** 3 hours
- ITEC 4421 – Network Security **Credit:** 3 hours

Instructional Formats and Time Requirements

Middle Georgia State University offers courses in different instructional formats as listed below:

- Traditional classroom instruction – Information is presented by the instructor in the classroom.
- Laboratory – Practical application of techniques, procedures, concepts and theories.
- Independent Study – Students are required to commit a minimum of 45 hours to study independently per credit hour. Meetings with the instructor of record will be required for a minimum of 150 minutes per credit hour. Additional time may be necessary to complete assessments, homework, projects, reports, and other assignments.
- Internships – Students are required to complete a minimum of 45 hours of internship work per credit hour. Meetings with the instructor of record will be required for a minimum of 90 minutes per credit hour. Additional time may be necessary for completing assignments and/or creating portfolios.
- Co-op Education – Students are required to complete a minimum of 45 hours in the co-op facility per credit hour. Meetings with the instructor of record will be required for a minimum of 90 minutes per credit hour. Additional hours may be necessary for completing assignments and/or creating portfolios.
- Research Practicum – Students are required to commit a minimum of 45 hours towards the research practicum per credit hour. Meetings with the instructor of record will be required for a minimum of 150 minutes per credit hour. Additional time may be necessary to analyze data and information, and to prepare for reports and presentations.
- Distance Learning courses – Information is presented electronically either in
 - a fully online environment (all or nearly all class sessions delivered via technology), or
 - a partially online course (technology is used to deliver more than 50 % of class sessions)
 - a hybrid format (technology is used to deliver 50% or less of class sessions).
- Emporium Model – Students use interactive computer software in a computer classroom combined with on-demand assistance from the instructor.
- Flight courses – Students get credit based on the flying hours they accumulate.
- Studio courses – Instruction time is divided between the classroom and the studio.
- Clinical, Fieldwork – Students work in a clinical setting under the direct supervision of a clinical instructor.
- Practicum – Instruction time is divided between the classroom and the clinical setting.
- Clinical Practice – Instruction time is divided between lecture and acquiring teaching experience in a school setting.

Course List

ACCT 2000 – Survey of Accounting

Credit: 3 hours

Description: This is a survey course of the fundamentals of financial and managerial accounting designed for the non-business major. The course includes the conceptual background for the measurement of income and analyzing the financial conditions of businesses and information used in applying managerial accounting techniques. This course is not open to students who have had ACCT 2101.

Lecture/Lab Hours: Three hours per week.

ACCT 2101 – Principles of Accounting I

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1101 and Area A MATH

Description: This course is a study of the underlying theory and application of financial accounting concepts. It focuses on the development, analysis, and interpretation of financial statements and their use in decision making.

Lecture/Lab Hours: Three hours per week.

ACCT 2102 – Principles of Accounting II

Credit: 3 hours

Prerequisites: At least a "C" in ACCT 2101

Description: This course is a study of the underlying theory and application of managerial accounting concepts. It is a study of financial and non-financial information for use by internal decision makers in merchandising, manufacturing, and service organizations. It focuses on the application of concepts to decision making.

Lecture/Lab Hours: Three hours per week.

ACCT 3101 – Intermediate Financial Accounting I

Credit: 3 hours

Prerequisites: At least a "C" in ACCT 2102

Description: This course is a study of the theory, principles, and procedures of financial accounting. It focuses on the preparation of financial statements and emphasizes the time value of money, cash, receivables, and inventory.

Lecture/Lab Hours: Three hours per week.

ACCT 3102 – Intermediate Financial Accounting II

Credit: 3 hours

Prerequisites: At least a "C" in ACCT 3101

Description: This course is a study of the theory, principles, and procedures of financial accounting begun in ACCT 3101. It emphasizes long term assets, current and long term liabilities, and shareholders' equity.

Lecture/Lab Hours: Three hours per week.

ACCT 3103 – Intermediate Financial Accounting III

Credit: 3 hours

Prerequisites: At least a "C" in ACCT 3102

Description: This course is a study of the theory, principles, and procedures of financial accounting begun in ACCT 3102. It emphasizes the analysis, recording, reporting, and disclosure of complex accounting issues including but not limited to leases, pensions, deferred income taxes, cash flows, and interim reporting.

Lecture/Lab Hours: Three hours per week.

ACCT 3110 – Cost Accounting

Credit: 3 hours

Prerequisites: At least a "C" in ACCT 2102

Description: This course is a study of the preparation and analysis of information to assist management in decision making, planning, and controlling business activities. It emphasizes the use of management accounting information for costing products and services, budgeting, pricing and product mix decisions, and evaluating operation performance.

Lecture/Lab Hours: Three hours per week.

ACCT 3111 – Advanced Cost Accounting

Credit: 3 hours

Prerequisites: At least a "C" in ACCT 3110

Description: This course is a continuation of Cost Accounting. The emphasis is on non-routine decisions, balanced scorecard, customer-profitability analysis, cost allocation, inventory management, and capital budgeting.

Lecture/Lab Hours: Three hours per week.

ACCT 3120 – Principles of Taxation I

Credit: 3 hours

Prerequisites: At least a "C" in ACCT 2102

Description: This course is a study of the application of tax accounting and ethics as it applies mainly to individuals. It introduces research and analysis as it applies to solving tax problems.

Lecture/Lab Hours: Three hours per week.

ACCT 3125 – Governmental and Not-For-Profit Accounting

Credit: 3 hours

Prerequisites: At least a "C" in ACCT 3101

Description: This course is a study of financial accounting and reporting for state and local governments as well as selective other nonprofit entities. It emphasizes fund accounting for governmental entities.

Lecture/Lab Hours: Three hours per week.

ACCT 4110 – Advanced Accounting

Credit: 3 hours

Prerequisites: At least a "C" in ACCT 3102

Description: This course is a study of accounting and reporting for selective complex topics with primary emphasis on business combinations, partnerships, and trusts and estates.

Lecture/Lab Hours: Three hours per week.

ACCT 4120 – Principles of Taxation II

Credit: 3 hours

Prerequisites: At least a "C" in ACCT 3120

Description: This course is a study of the federal taxation of corporations, partnerships, and estates and trusts. It emphasizes the impact of the tax law regarding choice of entity decisions. Research is required.

Lecture/Lab Hours: Three hours per week.

ACCT 4135 – Auditing

Credit: 3 hours

Prerequisites: At least a "C" in ACCT 3102

Description: This course is a study of the authoritative literature, generally accepted auditing standards, providing guidance for the independent audit of financial statements. It emphasizes the risk-based audit process used by the independent auditor to conduct an examination of and render a report on financial statements.

Lecture/Lab Hours: Three hours lecture per week.

ACCT 4140 – Auditing II

Credit: 3 hours

Prerequisites: At least a "C" in ACCT 4135

Description: This course is a continuation of the study of auditing with emphasis upon advanced auditing topics, including audit sampling, computerized systems, forensic auditing, generalized audit software, and attestation reporting.

Lecture/Lab Hours: Three hours per week.

ACCT 4205 – Accounting Information Systems

Credit: 3 hours

Prerequisites: At least a "C" in both ACCT 3101 and ITEC 2201

Description: This course is a study of the design, documentation, and operation of the accounting information systems that collect, process, and report economic data generated by the major transaction cycles.

Lecture/Lab Hours: Three hours per week.

ACCT 4305 – Current Issues - Accounting and Auditing

Credit: 3 hours

Prerequisites: At least a "C" in both ACCT 3103 and ACCT 4135

Description: This course is a study of the most recent current events and issues impacting the accounting profession. Topics may include updates on official releases from authoritative bodies such as the FASB, GASB, SEC, AICPA, updates on state and/or federal legislation and regulation, and updates on trends in the profession.

Lecture/Lab Hours: Three hours per week.

ACCT 4505 – Special Topics

Credit: 1 – 3 hours

Prerequisites: Approval of School Dean

Description: This course is a study of topics not covered in regular course offerings. It emphasizes course design that meets the special needs of students and/or the community. Faculty sponsor and students arrange contact hours.

Lecture/Lab Hours: One to three hours per week.

ACCT 4605 – Internship and/or Cooperative Education

Credit: 1 – 9 hours

Prerequisites: Approval of School Dean and Faculty Sponsor

Description: This course is an individually designed and planned learning experience involving field experience and study in the private or public sector.

Lecture/Lab Hours: One to nine hours per week.

ACES 1000 – Aviation Career Employability Skills I

Credit: 3 hours

Description: Provides a study of human relations and professional development in today's rapidly changing world that prepares students for living and working in a complex society. This course also introduces fundamental concepts and operations necessary to use microcomputers. Topics include human relations skills, job acquisition skills, professional image skills, word processing, and resume writing skills.

Lecture/Lab Hours: Three hours lecture per week.

ACES 1001 – Aviation Career Employability Skills II

Credit: 3 hours

Description: Provides a study of human relations and professional development in today's rapidly changing world that prepares students for living and working in a complex society. Topics include: human relations skills, job acquisition skills, and professional image skills. This course also focuses on the behavioral aspects of people in business and industry. The course emphasizes the development of interpersonal skills and attitudes required to work effectively with others in business and industry environment. Topics include: Identifying employment opportunities, demonstrating appropriate work behavior and communicating on the job. In addition, this course continues to prepare the student with the computer skills needed in today's workplace. These topics include: Introduction to spreadsheets, introduction to databases and introduction to presentation graphics

Lecture/Lab Hours: 2 hours lecture and .5 hours laboratory per week.

AERO 2011 – UAS Regulations

Credit: 3 hours

Description: UAS Regulations exposes students to the dynamic regulatory environment surrounding UAS. Students will learn how to navigate FAA regulations as well as federal, state, and local legislation. The course explains the difference between public, commercial, and recreational users and how regulations are applicable to each. Students will develop a CoA (Certificate of Authorization) request to the FAA as well as be instructed on the process involved in registering a UAS and filling for a 333 exemption.

Lecture/Lab Hours: Three hours lecture per week.

AERO 2021 – UAS Platform and System Development

Credit: 3 hours

Description: In UAS Platform and System Development students explore design concepts used in determining application specific platform and system architecture. Students will learn best practices for designing, maintaining and integrating systems on various platforms. This course also discusses common building, repair and inspection techniques of advanced materials. They will learn the individual components that make up a Ground Station. Students will gain an understanding of how to layout, develop, troubleshoot and maintain various types of Ground Stations. They will discuss theory of user interfaces, power management solutions, as well as mobility and remote location considerations. Additional fees apply.

Lecture/Lab Hours: Two hours lecture and three hours laboratory per week.

AERO 2031 – UAS Flight Operations

Credit: 3 hours

Prerequisites: AERO 2106

Description: Flight operations give students both simulation and hand on flight experience with various sUAV's. Students will learn how to develop an operational plan, serve in all roles of the flight team, manage available resources, troubleshoot common problems and effectively communicate within the flight team. Students will discuss the various methods for launch and recovery. This course will also discuss common safety issues that would arise with UAS operations. Additional fees apply.

Lecture/Lab Hours: Two hours lecture and three hours laboratory per week.

AERO 2102 – Aviation Meteorology

Credit: 3 hours

Description: This course includes basic weather theory, atmospheric science, and aviation weather products and services for the industry.

Lecture/Lab Hours: Three hours lecture per week.

AERO 2103 – Flight Principles

Credit: 3 hours

Description: Designed for non-pilots, this course introduces the forces of flight, aircraft stability and the aerodynamics of maneuvering flight. The course also introduces the national airspace system, weather patterns and hazards, aircraft performance, Federal Aviation Regulations, and aircraft operations within the airport environment.

Lecture/Lab Hours: Three hours lecture per week.

AERO 2104 – Aviation Safety

Credit: 3 hours

Description: This course includes current safety practices, trends in aviation safety, and future safety issues.

Lecture/Lab Hours: Three hours lecture per week.

AERO 2105 – Aviation Regulations

Credit: 3 hours

Description: This course includes an in-depth study of the Federal Aviation Regulations (FARs) including Parts 61, 91, 121, 135, 141, & NTSB 830.

Lecture/Lab Hours: Three hours lecture per week.

AERO 2106 – Private Pilot Ground School

Credit: 3 hours

Description: This course is designed to prepare the student for FAA private pilot flight and FAA examinations. Specifically, this course introduces principles of the flight environment, basic aircraft systems, and navigation, flight planning, physiology.

Lecture/Lab Hours: Three hours lecture per week.

AERO 2107 – Aviation Law & Insurance

Credit: 3 hours

Description: This course includes discussion of federal, state, and local laws that govern aviation and aviation insurance.

Lecture/Lab Hours: Three hours lecture per week.

AERO 2108 – Human Factors/Crew Resource Management

Credit: 3 hours

Description: This course examines the physiological and psychological challenges aircrews face, develops student understanding of Crew Resource Management (CRM) concepts, and utilizes interactive scenarios to challenge and develop student communication, teamwork, and leadership skills

Lecture/Lab Hours: Three hours lecture per week.

AERO 2201 – Introduction to Unmanned Aerial Systems

Credit: 3 hours

Prerequisites: Area A Math

Description: This course provides an overview of unmanned aerial systems including technology, applications, regulatory issues, ground and airborne systems.

Lecture/Lab Hours: Three hours lecture per week.

AERO 3001 – Unmanned Aerial Systems Concepts

Credit: 3 hours

Co-requisite: AERO 3001L

Description: Unmanned Aerial Systems Concepts will introduce students to the history of unmanned aviation. Students will gain an understanding of the history of UAS, existing UAS infrastructure within the U.S., the various job markets surrounding UAS, the multitude of applications of UAS, current research efforts, and predicting the needs of tomorrow. This course will also introduce students to the more commonly used platforms and autopilot systems of yesterday and today.

Lecture/Lab: Three hours lecture per week.

AERO 3001L – Unmanned Aerial Systems Concepts Lab

Credit: 2 hours

Co-requisite: AERO 3001

Description: Unmanned Aerial Systems Concepts Lab will allow students to apply concepts learned in the classroom to real scenarios. Students will gain an understanding of the history of UAS by applying historical techniques to modern problems, building practical models for the UAS market, as well as developing strategies for current research initiatives. This lab will also allow students to operate the more commonly used platforms and autopilot systems.

Lecture/Lab: Six hours laboratory per week.

AERO 3011 – Unmanned Aerial Systems Regulations

Credit: 3 hours

Co-requisite: AERO 3011L

Description: UAS Regulations exposes students to the dynamic regulatory environment surrounding UAS. Students will learn how to navigate FAA regulations as well as federal, state, and local legislation. The course explains the difference between public, commercial, and recreational users and how regulations are applicable to each. Students will develop a CoA (Certificate of Authorization) request to the FAA as well as be instructed on the process involved in registering a UAS and filing for a 333 exemption.

Lecture/Lab Hours: Three hours lecture per week.

AERO 3011L - Unmanned Aerial Systems Regulations Lab

Credit: 2 hours

Co-requisite: AERO 3011

Description: UAS Regulations Lab will allow students to apply concepts learned in the classroom to real scenarios. Students will develop Certificates of Authorization, Register live UAS, and develop documents relative to the ever changing UAS regulatory environment.

Lecture/Lab Hours: Six hours laboratory per week.

AERO 3113 - Current Security Issues

Credit: 3 hours

Description: This course examines the current security issues faced at airports including National and International airports in all classes of airspace.

Lecture/Lab Hours: Three hours lecture per week.

AERO 3205 - UAV Flight I

Credit: 4 hours

Prerequisites: AERO 3202 UAV Systems and Design

Description: This is the introduction to flight training and flight operations of an unmanned aerial vehicle within the context of an integrated UAV. Operations include basic control, takeoff, landing, elementary maneuvers, en-route/pattern navigation, and abnormal operations. Additional fees apply.

Lecture/Lab Hours: Two hours lecture and six hours laboratory per week.

AERO 3304 - Maximizing Employee Performance

Credit: 1 hour

Description: Explains the importance of the skills employers most want to see. Teaches skills such as punctuality, time management, social workplace interaction, adaptability, work ethics, attitude management, problem solving, team concept, and the ability to accept criticism.

Lecture/Lab Hours: One hour lecture per week.

AERO 4010 - Airport Internships

Credit: 3 hours

Description: This internship provides practical experience in airport management as approved by the department chair. Maximum of 6 hours

Lecture/Lab Hours: Three hours lecture per week.

AERO 4021 - Unmanned Aerial Systems Platform and System Development

Credit: 3 hours

Co-requisites: AERO 4021L

Description: In UAS Platform and System Development students explore design concepts used in determining application specific platform and system architecture. Students will learn best practices for designing, maintaining and integrating systems on various platforms. This course also discusses common building, repair and inspection techniques of advanced materials. Students will gain an understanding of how to layout, develop, troubleshoot and maintain various types of Ground Stations. They will discuss theory of user interfaces, power management solutions, as well as mobility and remote location considerations.

Lecture/Lab Hours: Three hours lecture per week.

AERO 4021L - Unmanned Aerial Systems Platform and System Development Lab

Credit: 2 hours

Co-requisites: AERO 4021

Description: Students will apply design concepts used in platform development and system architecture. Students will use common building, repair and inspection techniques of advanced materials. They will assemble and troubleshoot a functional Ground Station. They will troubleshoot various user interfaces.

Lecture/Lab Hours: Six hours laboratory per week.

AERO 4031 – Unmanned Aerial Systems Flight Operations

Credit: 3 hours

Co-requisites: AERO 4031L

Description: Flight operations give students both simulation and hand on flight experience with various sUAV's. Students will learn how to develop an operational plan, serve in all roles of the flight team, manage available resources, troubleshoot common problems and effectively communicate within the flight team. Students will discuss the various methods for launch and recovery. This course will also discuss common safety issues that would arise with UAS operations.

Lecture/Lab Hours: Three hours lecture per week.

AERO 4031L – Unmanned Aerial Systems Flight Operations Lab

Credit: 2 hours

Co-requisites: AERO 4031

Description: Flight operations lab give students both simulation and hand on flight experience with various sUAV's. Students develop an operational plan, serve in all roles of the flight team, manage available resources, troubleshoot common problems and effectively communicate within the flight team. Students will exercise various methods for launch and recovery

Lecture/Lab Hours: Six hours laboratory per week.

AERO 4110 - Aerospace Propulsion Systems

Credit: 3 hours

Prerequisites: Area A Math

Description: This course is an introduction to aircraft propulsion systems, including their design and development, piston and turbo propulsion combustion technology, engine/airframe performance matching, and the operational considerations of propulsion systems.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 2301 - Introduction to Logistics

Credit: 3 hours

Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099 and completion of BUSA 1105 with a grade of C or higher.

Description: This course is designed to give an overview of logistics including critical elements and systems which drive accuracy and decision making at all levels of management.

Lecture/Lab Hours: Three hours per week.

AMGT 3101 – Business Research Methodology

Credit: 3 hours

Description: This course is a general introduction to research intended to equip first and second year undergraduate students with the skills needed in their studies. Topics covered include the purposes of research, defining research and research problems, defining a hypothesis, problem solving and knowledge discovery, methods of quantitative and qualitative research, conducting literature re views, designing appropriate methodologies, evaluating outcomes, analysis and communicating the results.

Lecture/Lab: Three hours lecture per week.

AMGT 3102 – Fundamentals of Business Ethics in the Aviation Profession

Credit: 3 hours

Prerequisites: Junior standing or permission of instructor

Description: This course will explore ethical matters and concerns in the context of organizational business practices in the aviation profession. Topics include: organizational responsibility to both internal and external stakeholders, legal issues, and environmental sustainability. Critical thinking will be an important component in the examination of the issues presented in class.

Lecture/Lab Hours: Three lecture hours per week.

AMGT 3107 – Fundamentals of Operations Management

Credit: 3 hours

Prerequisites: MGMT 3141.

Description: This course will examine operations issues affecting the management of organizations in the context of business theory and practice. Topics include the role of operations, production and service in the economy, strategy, design, supply-chain management, planning and optimization tools, and quality.

Lecture/Lab Hours: Three hours per week.

AMGT 3108 – Application of Systems Theory in Air Transport

Credit: 3 hours

Description: A study of air transportation as part of a global, multi-modal transportation system, the course reviews the evolution of the technological, social, environmental, and political aspects of this system since its inception at the beginning of the previous century. The long-term and short-term effects of U.S. economic deregulation, energy shortages, governmental restraints, national and international issues and international terrorism are examined. Passenger and cargo transportation as well as military and private aircraft modes, are studied in relation to ever-changing transportation requirements.

Lecture/Lab: Three hours lecture per week.

AMGT 3114 – Purchasing and Materials Management

Credit: 3 hours

Description: This course examines the processes and challenges involved in acquiring and controlling materials, and the operational areas of purchasing, materials management, inventory management, just-in-time (lean) purchasing, supplier selection and evaluation, total quality management, value analysis, legal issues, bargaining and negotiation, and global sourcing in supporting a professional procurement function.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 3141 – Fundamentals of Management in Aviation

Credit: 3 hours

Prerequisites: Junior standing or permission of instructor

Description: This course is designed to give the students principals and techniques used in aviation management. The fundamentals covered include staff and operative management across disciplines, including planning, strategy, leadership, organizational foundations, motivation guidelines, and ethical decision making.

Lecture/Lab Hours: Three lecture hours per week.

AMGT 3200 – Globalization and Human Resource Management

Credit: 3 hours

Description: This course focuses on the organization and human resource changes that have taken place in the international aviation industry in recent years. It provides an analysis of airline and aviation organizations, external relations, internal relations. Changes in industrial relations and human resource management. The foundational concept of the course is the Global concept of the integration of human resource management to diverse aviation operations within worldwide culture exchanges.

Lecture/Lab: Three hours lecture per week.

AMGT 3203 – Airport Management

Credit: 3 hours

Description: This course provides knowledge of airport contracts, security, and environmental regulations related to noise, hazardous material, and other environmental factors.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 3204 – International Airline Business

Credit: 3 hours

Description: This course focuses on the global dimensions of the airline business addressing international civil aviation laws and procedures, national aviation rules and infrastructure, political economy, cultural dimensions, international trade theory, foreign direct investment, and the global monetary system. Emphasis is placed on airlines competing in the global marketplace, international business situations dealing with globalization, trade, and ethical dilemmas. Pertinent case analysis techniques are employed.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 3205 – Airport Planning Construction and Environmental Management

Credit: 3 hours

Description: Overview of airport planning and design considerations, construction and expansion projects, master planning, and environmental management. Includes activity forecasting, capacity and delay analysis, site selection, airfield and terminal design, environmental impacts and mitigation, and noise abatement. Also includes land-use planning and control, the socio-economic impacts of airports on the communities they serve, public relations, financial planning, and airport privatization. The course will also introduce several geospatial technologies that can be applied effectively to airport management.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 3209 – Airport Legislative Affairs, Marketing, Communications and Development

Credit: 3 hours

Description: This course examines federal, state, and local laws related to airport operation and management; contract law considerations between airports and airlines, vendors, and other operators; local and interstate political economy; promotion of airports as international gateways.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 3210 – Airline Management

Credit: 3 hours

Description: This course introduces principles management of airline, commuter, and freight carriers.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 3211 – Application of Technology Logistics

Credit: 3 Hours

Prerequisites: AMGT 2301

Description: This course explores several of the technologies, (including transportation management systems, warehouse management systems, demand forecasting systems, procurement and manufacturing technologies) that are available for improving logistics efficient operations. The focus is on helping the students understand both the capabilities as well as constraints of these technologies in their application and use.

Lecture/Lab hours: Three hours per week.

AMGT 3301 – Fixed Base Operations

Credit: 3 hours

Prerequisites: AMGT 2001

Description: This course introduces the history of Fixed Base Operations, and presents the regulations, security issues, environment and operational issues related to operating an FBO.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 3303 – Training an effective Line Service

Credit: 3 hours

Prerequisites: AMGT 3301

Description: This course focuses on the organization, regulations, and training of individuals that provide customer service to aircraft crew, and passengers at an FBO facility. It provides detailed training of aircraft service requirements, fueling procedures, tire and oxygen service, and other services and amenities offered at a typical FBO.

Lecture/Lab Hours: Two hours lecture and three hours laboratory per week.

AMGT 3305 – General Aviation Aircraft Operations

Credit: 3 hours

Description: This course introduces the expansive field of general aviation (GA) operations and includes a brief history of GA including an examination of the wide variety of GA occupations and operations such as personal use, corporate, charter, fractional ownership, manufacturing and testing, banner towing, agricultural, emergency services, and others. GA operations require special services from fixed base operations (FBO) and this course examines the important role of the FBO in GA operations and the services which FBO's provide to GA.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 3307 – Customer Service for Fixed Base Operations

Credit: 3 hours

Description: General Aviation operations require special services from Fixed Base Operators (FBO) in such areas as fueling, parking, unscheduled maintenance, catering, ground transportation, and concierge services. This course details the role of customer service and management in these critical areas of FBO operations, how to improve customer service, ensure safety and increase traffic.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 4206 – Airport Operations, Security & Maintenance

Credit: 3 hours

Description: Discusses Airport/Aviation operations, safety and certifications. Discusses airport and aviation security and its evolution. Develops knowledge of operational activities. Develops understanding of airport maintenance, hazardous materials management, and environmental concerns.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 4207 – Airline Technical Operations

Credit: 3 hours

Description: This course applies management theory to the management of an airline in the context of business theory and practice. Topics include considerations peculiar to airlines in general staff functions, flight operations, technical operations, strategy, managing high technology, and the financial elements of airline management including leasing, cash flow management, and fleet optimization.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 4210 – Airline Financial Management

Credit: 3 hours

Description: Emphasis is on financial problems facing the Airline industry. Such problems include funding, working capital management, and capital budgeting. Topics will include financing options including Leasing as well as purchase of assets, and revenue management.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 4211 – Airport Finance and Administration

Credit: 3 hours

Description: This course will cover topics of airport finance and economics, such as budgeting, accounting, financing and charges, airport marketplace, such as the marketing mix, revenue sources, rates and charges, real estate and lease agreements, privatization, local municipal funding, federal airport funding considerations, and public entrepreneurship.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 4215 – Critical Topics in Aviation

Credit: 3 hours

Prerequisites: Senior Status

Description: Aerospace and aviation is a fast paced industry in a state of constant change. This course presents topics that are current and critical to individuals in the field and present the opportunity for students to demonstrate mastery of these topics. Aircraft technology, accident causes and investigations, new regulations, and emerging airlines are examples of the topics covered in this course.

Lecture/Lab Hours: Three hours lecture per week.

AMGT 4301 – Principles of Transportation

Credit: 3 hours

Prerequisites: Satisfactory placement test scores or successful completion of ENGL 0099, READ 0099, and MATH 0099.

Description: This course includes an overview of rail, motor, air, water, and pipeline modes of transportation and the economic principles and governmental regulations associated with each.

Lecture/Lab Hours: Three hours per week.

AMGT 4302 – Supply Chain Management

Credit: 3 hours

Prerequisites: AMGT 2301 with a grade of C or higher.

Description: This course examines the field of supply chain management which refers to the entire network of companies working together to design, produce, deliver, and service products.

Lecture/Lab Hours: Three hours per week.

AMGT 4304 – International Supply Chain Management

Credit: 3 hours

Prerequisites: AMGT 2301 with a grade of C or higher and AMGT 4302.

Description: This course examines globally the field of supply chain management which refers to the entire international network of companies working together to design, produce, deliver, and service products.

Lecture/Lab Hours: Three hours per week.

AMKT 3209 – Airline Marketing

Credit: 3 hours

Description: This course provides a foundation in general marketing principles as they relate to the aviation and airline industry: including the frequent flyer program, marketing tools, and unique aspects of the aviation market segmentations

Lecture/Lab Hours: Three hours lecture per week.

AMTP 1000 – Aviation Mathematics

Credit: 1 hour

Description: Aviation Mathematics provides students with the knowledge necessary to use and apply mathematical procedures and processes that are applicable to aviation maintenance functions. Topics include: perform algebraic operations; extract roots and raise numbers to a given power; determine area and volume of geometrical shapes; and solve ratio, proportion, and percentage problems.

Lecture/Lab Hours: Three hours lecture per week.

AMTP 1010 – Aircraft Maintenance Regulations

Credit: 2 hours

Description: This course provides students with the knowledge and skills necessary to select and use FAA and manufacturers' specifications, data sheets, manuals, related regulations, and technical data; to write descriptions of aircraft conditions, record work performed, and complete maintenance forms and inspection reports; and learn to interpret federal regulations regarding mechanic privileges and limitations. Topics include: maintenance publications, maintenance forms and records, and mechanic privileges and limitations.

Lecture/Lab Hours: 1 hour lecture and two hours lab per week

AMTP 1020 – Aircraft Applied Sciences

Credit: 7 hours

Prerequisite/Co-requisite: AMTP 1000.

Description: Provides students with the fundamentals of aircraft servicing methods and ground operations. Topics include: aircraft drawings, aircraft weight and balance, fluid lines and fittings, materials and processes, ground operations and servicing, and aircraft cleaning and corrosion control. Additional fees apply.

Lecture/Lab Hours: Six hours lecture and six hours laboratory per week.

AMTP 1030 – Aircraft Electricity & Electronics

Credit: 3 hours

Prerequisite/Co-requisite: AMTP 1000.

Description: Basic electricity and electronics provides a study of the relationships of voltage, current, and resistance in aircraft electrical systems, and the use of meters. Alternators; generators; starters; motors; charging systems; basic AC and DC systems; and semiconductor, solid state, and integrated circuit fundamentals are introduced. Topics include: basic electricity; determine the relationship of voltage, current and resistance in electrical circuits; read and interpret electrical circuit diagrams; measure voltage, current, resistance, and continuity; calculate and measure electrical power; calculate and measure capacitance and inductance; inspect and service batteries; and solid state devices applications.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

AMTP 1210 – Aviation Physics

Credit: 1 hour

Description: Provides students with an introduction to the theory and application of physics to aerospace vehicles and their subsystems. Topics include: temperature and heat; pressure, temperature, and volume of air mass; basic aerodynamics and theory of flight; physical factors affecting engine output; relationship of pressure, area, and force; origin of sound; principles of simple machines; and centrifugal and centripetal force.

Lecture/Lab Hours: Four hours lecture per week.

AMTP 2010 – Aircraft Airframe Structures

Credit: 2 hours

Description: This course presents a survey of aircraft airframe structures used in aircraft. Topics include: wood structures, aircraft covering, and aircraft finishes. This course also provides a study of airframe non-metallic structures and allied maintenance procedures. Topics include: welding principles; soldering, brazing, gas-welding, and arc-welding steel; welding aluminum and stainless steel; fabricating tubular structures; soldering stainless steel; and welding titanium and magnesium. Additional fees apply.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

AMTP 2020 – Airframe Sheet Metal and Non-Metallic Structures

Credit: 5 hours

Prerequisite: AMTP 1020.

Description: Provides a study of metal and non-metallic tube and riveted sheet monocoque or semi-monocoque. Topics include: sheet metal structures introduction; install conventional rivets; install special rivets and fasteners; sheet metal form, lay out, and bend; inspect and repair sheet metal structures; identify non-metallic structures; inspect bonded structures; fiberglass structures; plastic structures; composite and honeycomb structures; inspect, check, service, and repair windows, doors, and interior furnishings; and laminated structures. Additional fees apply.

Lecture/Lab Hours: Five hours lecture and six hours laboratory per week.

AMTP 2040 – Airframe Assembly and Rigging

Credit: 2 hours

Prerequisite: AMTP 1020.

Description: This course provides a study of aircraft assembly and rigging configurations. Topics include: use assembly and rigging hand tools and equipment; rig fixed wing aircraft; rig rotary wing aircraft; check alignment of structures; assemble aircraft components, including flight control surfaces; balance, rig, and inspect movable primary and secondary control surfaces; and jack aircraft. Additional fees apply.

Lecture/Lab Hours: One hour lecture and two hours laboratory per week.

AMTP 2050 – Airframe Inspection

Credit: 3 hours

Prerequisite: AMTP 2040.

Description: This course provides for performing airframe inspections with emphasis on developing the skills related to conformity and airworthiness evaluations. Topics include: perform airframe conformity inspection, and perform airframe airworthiness inspection

Lecture/Lab Hours: Two hours lecture and four hours laboratory per week.

AMTP 2060 – Aircraft Hydraulic, Pneumatic, and Landing Gear Systems

Credit: 3 hours

Prerequisite: AMTP 1020 and AMTP 1030.

Description: This course provides a study of the principles of generation, distribution, and management of hydraulic and pneumatic power throughout the aircraft. Topics include: identify hydraulic fluids; repair hydraulic and pneumatic power system components; inspect, check, service, troubleshoot, and repair hydraulic and pneumatic power systems; hydraulic and pneumatic position and warning systems; and inspect, check, troubleshoot, service, and repair aircraft position and warning systems. This course also provides a study of aircraft landing gear systems with emphasis on inspection and maintenance procedures of hydraulic and pneumatic power throughout the aircraft structure. Topics include: inspect, check, service, and repair landing gear retraction systems and shock struts; inspect, check, service, and repair brakes, wheels, and tires; and inspect, check, service, and repair steering systems. Additional fees apply.

Lecture/Lab Hours: Three hours lecture and five hours laboratory per week.

AMTP 2080 – Aircraft Environmental Control Systems

Credit: 5 hours

Prerequisite: AMTP 1020.

Description: This course provides a study of aircraft environmental control systems. Topics include: inspect, check, troubleshoot, service, and repair cabin atmosphere control systems; inspect, check, troubleshoot, service, and repair ice and rain control systems; inspect, check, troubleshoot, service, and repair fire protection systems; inspect, check, troubleshoot, service, and repair aircraft fuel systems; and inspect, check, troubleshoot, service, and repair aircraft instrument systems. Additional fees apply.

Lecture/Lab Hours: Five hours lecture and four hours laboratory per week.

AMTP 2090 – Aircraft Electrical, Communication, and Navigation Systems

Credit: 5 hours

Prerequisite: AMTP 1020 and AMTP 1030.

Description: This course provides a study of aircraft electrical, communication, and navigation systems. Topics include: install, check, and service airframe electrical wiring, controls, switches, indicators, and protective devices; inspect, check, troubleshoot, service, and repair alternating and direct current electrical systems; repair and inspect aircraft electrical system components, crimp and splice wiring to manufacturer's specifications, and repair pins and sockets of aircraft connectors; inspect, check, and troubleshoot autopilot servos and approach coupling systems; inspect, check, and service aircraft electronic communication and navigation systems including VHF passenger address interphones and static discharge devices, aircraft VOR, ILS LORAN, radar beacon transponders, flight management computers, and GPWS; inspect and repair antenna and electronic equipment installations; and inspect, check, and troubleshoot constant speed and integrated speed drive generators. Additional fees apply.

Lecture/Lab Hours: Four hours lecture and five hours laboratory per week.

AMTP 2210 – Reciprocating Engine Powerplants

Credit: 6 hours

Prerequisite: AMTP 1020.

Description: This course provides a study of piston engine theory and maintenance including air and water-cooled aircraft engines. Topics include: aircraft reciprocating engine theory, and inspect and repair radial engines. This course continues a study of piston engine theory and maintenance including air and water-cooled aircraft engines. Topics include: overhaul a reciprocating engine; inspect, check, service, and repair reciprocating engines and engine installations; and install, troubleshoot, and remove reciprocating engines. Additional fees apply.

Lecture/Lab Hours: Five hours lecture and seven and a half hours laboratory per week.

AMTP 2230 – Gas Turbine Powerplants

Credit: 5 hours

Prerequisite: AMTP 1020.

Description: This course provides a study of the fundamentals and evolution of the jet engine and jet propulsion. Topics include: aircraft gas turbine engine theory, and inspect and troubleshoot unducted fan systems and components. This course continues a study of the fundamentals and evolution of the jet engine and jet propulsion. Topics include: overhaul a turbine engine; install, troubleshoot, and remove turbine engines; and inspect, check, service, and repair turbine engines and turbine engine installations. Additional fees apply.

Lecture/Lab Hours: Five hours lecture and four hours laboratory per week.

AMTP 2250 – Aircraft Engine Inspection

Credit: 1 hour

Prerequisite/Co-requisite: AMTP 2220 or AMTP 2240.

Description: This course provides students with the knowledge and skills to perform aircraft engine inspections. Topics include: perform an aircraft powerplant conformity and airworthiness inspection. Additional fees apply.

Lecture/Lab Hours: One hour lecture and .5 hours laboratory per week.

AMTP 2260 – Aircraft Engine Fuel and Fuel Metering Systems

Credit: 4 hours

Prerequisites: AMTP repair engine fuel systems; troubleshoot and adjust turbine engine fuel metering systems and electronic engine fuel controls; inspect, check, service, troubleshoot, and repair reciprocating and turbine engine fuel metering systems; overhaul carburetors; repair engine fuel metering system components; and inspect, check, and service water injection systems. Additional fees apply.

Lecture/Lab Hours: Three hours lecture and four hours laboratory per week.

AMTP 2270 – Aircraft Engine Electrical, Ignition, and Starting Systems

Credit: 5 hours

Prerequisite: AMTP 1020 and AMTP 1030.

Description: This course provides a study of aircraft engine electrical systems. Topics include: troubleshoot, service, and repair electrical and mechanical fluid rate-of-flow indicating systems; inspect, check, service, troubleshoot, and repair electrical and mechanical engine temperature, pressure, and r.p.m. indicating systems; inspect, check, service, troubleshoot, and repair engine fire detection and extinguishing systems; install, check, and service engine electrical wiring, controls, switches, indicators, and protective devices; repair engine electrical system components; overhaul magneto and ignition harness; inspect, service, troubleshoot, and repair reciprocating and turbine engine ignition systems and components; inspect, service, troubleshoot, and repair turbine engine electrical starting systems; and inspect, service, and troubleshoot turbine engine pneumatic starting systems. Additional fees apply.

Lecture/Lab Hours: Five hours lecture and four hours laboratory per week.

AMTP 2280 – Aircraft Powerplant Accessory Systems

Credit: 5 hours

Prerequisites/Co-requisites: AMTP 2210, AMTP 2230.

Description: This course provides a study of aircraft powerplant accessory systems. Topics include: inspect and maintain aircraft engine lubrication systems; propeller theory and fundamentals; inspect and maintain propellers; install, troubleshoot, and remove propellers; inspect and maintain aircraft engine induction systems; inspect and maintain aircraft engine cooling systems; and inspect and maintain aircraft engine exhaust systems. Additional fees apply.

Lecture/Lab Hours: Four hours lecture and five hours laboratory per week.

AMTP 2300 – Advanced Airframe and Powerplant Systems

Credit: 5 hours

Description: Course entrance requirements: Must have a FAA Form 8610-2 signed off by the FAA for both Airframe and Powerplant ratings or have completed a Part 147 program and received a Certificate of Completion for Airframe and Powerplant , or have a minimum 30 months experience under the supervision of an A&P. This course is an advanced study of FAA General, Airframe and Powerplant systems. This course consists of lecture and supervised labs. Upon completion of this course the student will be prepared to take all of the FAA exams for the Airframe and Powerplant rating. This course is not transferable to Bachelor of Arts or Sciences programs.

Lecture/Lab Hours: 5 hours lecture per week.

AMTP 0301 – Advanced Airframe Systems

Credit: 4 hours

Co/Prerequisites: Must have a FAA Form 8610-2 signed off by the FAA for the Airframe rating or have completed a Part 147 program and received a Certificate of Completion for Airframe.

Description: An advanced study of FAA General and Airframe systems. This course consists of lecture and supervised labs. Upon completion of this course the student will be prepared to take all of the FAA exams for the Airframe rating.

Lecture/Lab Hours: Four hours lecture per week.

AMTP 0302 – Advanced Powerplant Systems

Credit: 4 hours

Co/Prerequisites: Must have a FAA Form 8610-2 signed off by the FAA for the Powerplant rating or have completed a Part 147 program and received a Certificate of Completion for Powerplant.

Description: An advanced study of FAA General and Powerplant systems. This course consists of lecture and supervised labs. Upon completion of this course the student will be prepared to take all of the FAA exams for the Powerplant rating.

Lecture/Lab Hours: Four hours lecture per week.

ANTH 1102 – Introduction to Anthropology

Credit: 3 hours

Description: This is a survey of general anthropology, the comparative study of humankind as a whole, including its major subdisciplines: cultural anthropology, archaeology, linguistics, and physical anthropology. Through ethnographic descriptions, comparisons across time, and cross-cultural analysis, emphasis is placed on the great variety of cultural adaptations which various peoples have developed to survive and to meet human needs.

Lecture/Lab Hours: Three hours per week.

ARTS 1000 – Art Appreciation

Credit: 3 hours

Description: Study of visual arts through an exposure to the elements and principles of design, artistic media, and historical/contemporary artworks as well as providing students with skills in perception, vocabulary, and concepts for comprehending art.

Lecture/Lab Hours: Three hours per week.

ARTS 1010 – Drawing I

Credit: 3 hours

Description: Introduction to the techniques, materials, and principles of drawing. Emphasis will be placed upon the development of skill through the understanding and application of the elements of art using a variety of drawing media.

Lecture/Lab Hours: Six hours per week.

ARTS 1011 – Drawing II – Intermediate Drawing

Credit: 3 hours

Prerequisites: ARTS 1010 or permission of instructor

Description: Techniques, materials, and principles of drawing. Emphasis will be placed on the application of drawing media and figure drawing.

Lecture/Lab Hours: Six hours per week.

ARTS 1013 – Perspectives on Art

Credit: 4 hours

Description: This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to art. The course includes an online Critical Thinking and Oral Communication (CTOC) component. In addition, traditional classroom work will focus on developing an understanding of art from a variety of aesthetic, philosophical, and ideological perspectives. The course offers an opportunity for students to apply critical thinking skills to art and to gain experience in developing and presenting original arguments in oral forms.

Lecture/Lab Hours: Four hours per week.

ARTS 1020 – Two-Dimensional Design

Credit: 3 hours

Description: The fundamentals of two-dimensional design introduced through projects in a variety of media.

Lecture/Lab Hours: Six hours per week.

ARTS 1030 – Three-Dimensional Design

Credit: 3 hours

Description: An investigation of three-dimensional forms and spaces using various materials and methods.

Lecture/Lab Hours: Six hours per week.

ARTS 2010 – Art History I: Prehistory to Gothic

Credit: 3 hours

Description: This is a survey course covering the development and history of visual art from the Paleolithic period to the Gothic period. In addition to discussing key historical works, this course will explore the origins of art in a global context and its use as a religious, political, and social tool.

Lecture/Lab Hours: Three hours per week.

ARTS 2011 – Art History II: Renaissance to Present

Credit: 3 hours

Description: This is a survey course covering the development and history of visual art from the Renaissance to present day. In addition to discussing key historical works, this course will explore the impact of global culture, society and religion on art, movements in art, and art in the 21st century.

Lecture/Lab Hours: Three hours per week.

ARTS 2013 – Sculpture

Credit: 3 hours

Prerequisites: ARTS 1030 or permission of instructor

Description: Introduction to the basic processes of sculpture, including carving, modeling, and casting.

Lecture/Lab Hours: Six hours per week.

ARTS 2014 – Pottery

Credit: 3 hours

Prerequisites: ARTS 1030 or permission of instructor

Introduction to the materials and processes in designing, constructing, glazing, and firing.

Lecture/Lab Hours: Six hours per week.

ARTS 2015 – Photography

Credit: 3 hours

Prerequisites: ARTS 1020 or permission of instructor

Hands-on introduction to photography as well as understanding photography as an art medium to include gaining expertise with the camera and darkroom equipment.

Lecture/Lab Hours: Six hours per week.

ARTS 2016 – Computer Graphics I

Credit: 3 hours

Prerequisites: ARTS 1020 or permission of instructor

Description: Development of basic skills in computer application for the visual arts including: desktop publishing, graphic manipulation, computer art, web access, and web design.

Lecture/Lab Hours: Six hours per week.

ARTS 2017 – Graphic Design I

Credit: 3 hours

Description: This is an introductory course for the production of art through digital media. Students learn the tools, methodology, and techniques for developing digital materials for visual communication. Emphasis will be placed on the application of the principles and elements of art as applied through a digital medium, basic typography, and the interaction between layout and viewer.

Lecture/Lab Hours: Six hours per week.

ARTS 2036 – Computer Graphics II

Credit: 3 hours

Prerequisites: ENGL 0099, READ 0099, MATH 0099, ARTS 2016 or permission of instructor

Description: This course seeks to refine the student's understanding of the computer and digital imaging software as art-making tools. Through a series of lectures, demonstrations, visual/conceptual problem-solving projects, and critiques, students expand their technical and aesthetic skills in the creation and manipulation of digital images, design and text.

Lecture/Lab Hours: Six hours per week.

ARTS 2037 – Graphic Design II

Credit: 3 hours

Prerequisites: ENGL 0099, READ 0099, MATH 0099, ARTS 2017 or permission of instructor

Description: This course continues the development of visual communication skills begun in ARTS 2017. Emphasis is on creative problem solving and the creation, execution and presentation of Graphic Design primarily for print media.

Lecture/Lab Hours: Six hours per week.

ARTS 2038 – Design for the Web

Credit: 3 hours

Prerequisites: ENGL 0099, READ 0099, MATH 0099, ARTS 2016 and 2017 or permission of instructor

Description: This course seeks to refine each student's knowledge, skills and aesthetics in the use of digital media. Through a series of lectures, demonstrations, visual/conceptual problem solving projects, and critiques, students will learn the principles and techniques involved in planning, designing, and creating Web sites using visual HTML editing software.

Lecture/Lab Hours: Six hours per week.

ARTS 2321 – Painting I

Credit: 3 hours

Prerequisites: ARTS 1010 and ARTS 1020 or permission of instructor

Description: This is an introductory course to the material, techniques, and practice of painting.

Lecture/Lab Hours: Six hours per week.

ARTS 2431 – Printmaking I

Credit: 3 hours

Description: This course is an introduction to fine art reproduction. This course will cover relief, intaglio, planography and serigraphy printmaking methods. An emphasis will be placed on non-toxic methods of printmaking.

Lecture/Lab Hours: Six hours per week.

ARTS 2651 – Digital Photography

Credit: 3 hours

Description: This is an introductory studio course on foundational approaches to photography as applied through a digital medium. Emphasis will be placed upon understanding the photographic image as art, the development of photographs through digital processes for the purposes of presentation, and critical analysis of photographic imagery.

Lecture/Lab Hours: Six hours per week.

ASPC 3001 – Introduction to Space Flight

Credit: 3 hours

Prerequisites: MATH 1101 Math Modeling or higher

Description: This course evaluates the major aspects of space flight. The course covers space flight from early rocketry through the development of satellite navigation, meteorology, and telecommunications, up to human space flight. Course topics also include: rocket propulsion, basic orbital mechanics, the space environment, living and working in space, and an overview of world space programs.

Lecture/Lab Hours: 3 hours lecture per week.

ASPC 3100 – Remote Sensing of Earth

Credit: 3 hours

Prerequisites: MATH 1101 or higher, and ASPC 3001 or ENGR 1001

Description: Earth orbiting remote sensing satellites play a key role in the lives of human beings. This course is a study of the major components of contemporary remote sensing satellites, the various methods of remote sensing capability, and the advantages and disadvantages of each method. Course topics also include study of remote sensing orbits, launch vehicles, low atmosphere aircraft and technology.

Lecture/Lab Hours: Three hours lecture per week.

ASPC 3105 – Spacecraft Operations and Systems

Credit: 3 hours

Prerequisites: MATH 1101 or higher and ASPC 3001 or ENGR 1001

Description: Orbital satellites and spacecraft are discussed according to their application, design and environment. The power system, shielding and communication systems are reviewed along with their missions, space environment and limitations. This course elaborates on Space Station flight operations, its supporting elements and planned systems and applies the concepts to new space flight vehicle design. Students will study commercial applications, logistical support, maintenance and servicing design concepts.

Lecture/Lab Hours: Three hours lecture per week.

ASPC 3110 – Space Physiology

Credit: 3 hours

Prerequisites: ASPC 3001 Introduction to Space Flight or AERO 2108 Human Factors

Description: This course evaluates the physical and psychological effects of spaceflight on humans, countermeasures for both short- and long-duration spaceflight, and discussions of human factors in spacecraft engineering.

Lecture/Lab Hours: Three hours lecture per week.

ASPC 4100 – Orbital Mechanics

Credit: 3 hours

Prerequisites: ASPC 3001 Introduction to Space Flight, MATH 1112 Plane Trigonometry

Description: What is an orbit? How do space craft fly to the moon or Mars? What keeps all the earth orbiting satellites from crashing into each other? How does a space craft change orbit? These are the kinds of questions that are explored in Orbital Mechanics. Knowledge of orbital mechanics is essential in any study of space flight. Kepler, Newton, modern telecommunication satellites, space navigation, and remote sensing space craft are also examined in this course.

Lecture/Lab: Three hours lecture per week.

ASPC 4105 – Space Communication

Credit: 3 hours

Prerequisites: ASPC 3001 Introduction to Space Flight

Description: This course is a study of the principles, architectures, technologies, management, economics, advantages, and disadvantages of satellite communications. Spacecraft launch vehicles, orbits, communications modulations, radio wave propagation, payload designs/types, and spacecraft bus and antenna types are all addressed. Students will learn to devise/formulate actual satellite communications link budgets and evaluate the impact of each variable used within the equation.

Lecture/Lab Hours: Three hours lecture per week.

ASPC 4115 – Space Transportation Systems

Credit: 3 hours

Prerequisites: ASPC 3001 Introduction to Space Flight

Description: This course evaluates Space Transportation Systems (STS) including manned space flight operations supporting systems and the Space Shuttle missions. A review of Space Shuttle flight profiles guidance and navigation control, proximity operations and rendezvous, hypersonic orbiter aerodynamics and developing commercial space transportation space craft and the design of a Mars mission spacecraft.

Lecture/Lab: Three hours lecture per week.

ASTP 1000 - Applied Technical Math

Credit: 3 hours

Description: Emphasis is placed on the development of applied mathematical skills used in occupational and technical problems. Topics include: number properties, fractions, decimals, percents, ratio and proportion, measurement and conversion, exponents and radicals, basic and applied algebra, geometric and technical formulas, and advanced applied math.

Lecture/Lab Hours: Two and a half hours per week.

ASTP 1010 – Basic Blueprint Reading

Credit: 3 hours

Description: Introduces basic blueprint reading. Emphasis will be placed on reading and interpreting blueprints found in a manufacturing environment. Topics include: lines and symbols, views, material, title blocks, sketching, features, and sections. A grade of “C” or better is required for graduation.

Lecture/Lab Hours: Two and a half hours per week.

ASTP 1020 – Aircraft Blueprint Reading

Credit: 3 hours

Prerequisites: ASTP 1010

Description: Introduces aerospace specific blueprint information which builds on a basic knowledge of blueprint terminology and symbols. Topics include: call outs, assemblies, zone references, document control numbers, release columns, general notes, detail drawings, introduction to instructional repair manuals, introduction to technical orders, introduction to aircraft transport association (ATA) codes, installation drawings, methods drawings, undimensioned drawings, and revisions. A grade of “C” or better is required for graduation.

Lecture/Lab Hours: Two and a half hours per week.

ASTP 1037 – Aircraft Aerodynamics and Structural Fundamentals

Credit: 6 hours

Description: Introduces the fundamental concepts required in aerospace structural manufacturing and repair. Emphasis is placed on safety, quality, and precision. Topics include: safety, flat pattern layout, quality standards, fasteners, hand tools, and precision measuring instruments. This course also presents the theory of flight and aircraft design as it applies to the manufacturing and repair process. Topics include: terminology, theory of flight, structural design, control surfaces, and stress and fatigue. A grade of “C” or better is required for graduation.

Lecture/Lab Hours: Two hours lecture and 4 hours laboratory per week.

ASTP 1090 – Composites and Bonded Structures

Credit: 6 hours

Prerequisite: ASTP 1020 and ASTP 1104

Description: Emphasizes the development of knowledge and skills necessary to fabricate and repair bonded and composite aircraft parts. Topics include: safety, terminology, classifications and characteristics, inspection techniques, and application. A grade of “C” or better is required for graduation.

Lecture/Lab Hours: Two hours lecture and four hours laboratory per week.

ASTP 1104 – Structural Layout Fabrication and Sealants

Credit: 6 hours

Prerequisites: ASTP 1037.

Description: This course continues the development of knowledge and skills required to perform basic aerospace layout and fabrication and emphasize the safe use of stationary equipment. Topics include: machine safety, stationary equipment, bend allowance, fasteners layout, parts fabrication, special fasteners, and 236 geometric functions. This course also provides instruction in the surface preparation, application, and safe handling of sealants used in the aerospace structures repair and manufacturing industry. Topics include: safety; surface preparation; sealants application; sealants shelf life; sealants cure times; and sealants removal. A grade of “C” or better is required for graduation.

Lecture/Lab Hours: Two hours lecture and four hours laboratory per week.

ASTP 1112 – Aircraft Metallurgy and Corrosion Control

Credit: 6 hours

Prerequisites: ASTP 1104.

Description: Emphasizes the development of knowledge and skills necessary to assess damage due to corrosion and take corrective action. Topics include: safety, corrosion theory, corrosion types, corrosion removal, repair, and treatment, and corrosion prevention. This course also introduces the types of metals used in aircraft construction and provides a study of their properties and working characteristics. Topics include: safety, types of metals, properties of metals, methods of identification, heat treatment, temper designations, working characteristics and non-destructive inspection. A grade of “C” or better is required for graduation.

Lecture/Lab Hours: Two hours lecture and four hours laboratory per week.

ASTP 1158 – Technical Publications and Aerospace Quality Control

Credit: 3 hours

Prerequisites: None.

Description: Continues the study of aircraft technical publications found in the manufacturing and repair process. Research skills necessary to locate information in technical publications will be emphasized. Topics include: document control numbers; technical publications; instructional repair manuals; aircraft transport association (ATA) codes; technical orders; tech order system, general; tech order, aircraft specific; and industrial specific manuals. This course also introduces the student to the concept of Total Quality Management (TQM) systems used in the Aircraft workplace. Topics include: principles of quality control, TQM team building, project requirements, project implementation, concepts of statistical process control, SPC applications, non-destructive inspection, material identification, introduction to Metallurgy, and total quality management team building. A grade of “C” or better is required for graduation.

Lecture/Lab Hours: Two and a half hours lecture per week.

ASTR 1010K – Astronomy of the Solar System

Credit: 4 hours

Prerequisites: A grade of “C” or better in MATH 1101 or MATH 1111

Description: The course will cover astronomy from early ideas of the cosmos to modern observational techniques. The solar system planets, satellites, and minor bodies, plus the origin and evolution of the solar system also will be covered. Knowledge of algebra will be required.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

ASTR 1020K – Stellar and Galactic Astronomy

Credit: 4 hours

Prerequisites: ASTR 1010K or permission of instructor

Description: This course will cover the study of the sun and stars, their physical properties and evolution, interstellar matter, star clusters, our galaxy and other galaxies, and the origin and evolution of the Universe.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

ATCM 1200 – Introduction to Air Traffic Control

Credit: 3 hours

Description: The student will experience entry-level Air Traffic Control coursework leading into a degree sequence that covers aspects of the terminal and en route options within the ATC profession. This course provides students with a fundamental knowledge of the U.S. air traffic control system and develops content knowledge in the following areas: (a) the Federal Aviation Administration, its mission, organization, and operation; (b) the air traffic control career; (c) navigational aids, current and future; (d) airspace; (e) communications; (f) federal aviation regulations; (g) ATC procedures; (h) rudimentary control tower operations; (i) rudimentary non-radar operations; (j) rudimentary radar operations; and (k) future air traffic control systems. The course also provides essential information that is useful for pilots and other aviation professionals. Students must receive a recommendation from the ATC staff in order to be considered for appointment to the FAA under the Collegiate Training Initiative (CTI). The FAA recommendation process is a combination of performance and attitude. The basis of an ATC staff recommendation consists of a minimum GPA of 2.5, and a comprehensive CTI exam which has a minimum passing score directly related to of 80%. Students also will be judged on their professionalism and class attendance. Students may receive passing grades in all their courses while not receiving a recommendation from the ATC staff.

Lecture/Lab Hours: Three hours lecture per week.

ATCM 1210 – Air Traffic Management II

Credit: 3 hours

Prerequisites: ATCM 1200.

Description: This course focuses on FAA documents and publications that are used by Air Traffic controllers. Included in the course work we will cover Notices to Airmen (NOTAMs), Applicable FAA Orders, Letters of Agreement (LOAs) and Standard Operating Procedures (SOPs), Applicable Federal Aviation Regulations (FARs), VFR and IFR charts and Publications.

Lecture/Lab Hours: Three hours lecture per week.

ATCM 1300 – Fundamentals of Air Traffic Control (online)

Credit: 3 hours

Description: The non-ATC student will experience entry-level Air Traffic Control coursework that covers aspects of the terminal and en route options within the ATC profession. This course provides students with a fundamental knowledge of the U.S. air traffic control system and develops content knowledge in the following areas: (a) the Federal Aviation Administration, its mission, organization and operation; (b) the air traffic control career; (c) navigational aids current and future; (d) airspace; (e) communications; (g) ATC procedures; (h) rudimentary control tower operations; (l) rudimentary non-radar operations; and (j) rudimentary radar operations.

Lecture/Lab: Three hours lecture per week.

ATCM 2200 – Air Traffic Management III

Credit: 3 hours

Prerequisites: ATCM 1200

Description: This course covers the basics of the pilot's environment from the perspective of air traffic controller. It covers principles of flight, wake turbulence, aircraft characteristics and recognition, and navigation.

Lecture/Lab Hours: Three hours lecture per week.

ATCM 2201 – Air Traffic Control Tower Operations Ground School & Lab

Credit: 4 hours

Prerequisites: ATCM 1200

Description: This course provides students with the basic Air Traffic Control (ATC) procedures for Air Traffic Control Tower (ATCT) facilities in the National Airspace System (NAS). Fundamental procedure requirements of an air traffic control specialist are applied and practiced in a realistic, performance based laboratory environment. Students will demonstrate understanding of airport 249 layout, apply runway separation criteria, and use Federal Aviation Administration (FAA) phraseology. Additional fees apply.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

ATCM 2202 – Radar Operations Ground School with Lab

Credit: 4 hours

Prerequisites: ATCM 2200

Description: This course provides students with the basic Air Traffic Control (ATC) procedures for Air Traffic Control Radar facilities in the National Airspace System (NAS). Fundamental procedure requirements of an air traffic control radar specialist are applied and practiced in a realistic, performance based laboratory environment. Students will demonstrate their abilities to operate the Display System Replacement (DSR) system a Federal Aviation Administration (FAA) radar phraseology while complying with FAA Collegiate Training Initiative (CTI) standards. Additional fees apply.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

ATCM 2210 – Air Traffic Management IV

Credit: 3 hours

Prerequisites: AERO 2102 and ATCM 2200

Description: This course covers the basics of Meteorology from the perspective of an air traffic controller. It covers fundamentals of weather and aviation weather services, hazardous weather, current weather, pilot reports (PIREPs), and forecasts and advisories. This course will supplement the material the student learns in AERO 2102 Meteorology.

Lecture/Lab Hours: Three hours lecture per week.

ATCM 2220 – Instrument Flight and Non-Radar

Credit: 3 hours

Prerequisites: ATCM 2201

Description: ATCM 2220 covers the basics of IFR flight, including the theory and mechanics of non-radar procedures. Included are airspace environment, strip preparation, strip marking methods and procedures, coordination requirements and phraseology, and separation rules used in the en route and Terminal ATC environment. It provides the knowledge base required by the FAA in these areas and will provide in class opportunities to demonstrate application of the knowledge acquired.

Lecture/Lab Hours: Three hours lecture per week.

ATCM 4203 – Advanced Air Traffic Procedures

Credit: 3 hours

Prerequisite: ATCM 1200, ATCM 2201, ATCM 2202

Description: This course expands on the knowledge the student has acquired in previous Air Traffic Control (ATC) and aviation related classes. This course covers a wide array of information required for appointment as an air traffic control trainee in the Federal Aviation Administration (FAA). In addition to passing this course, students must receive a recommendation from the ATC staff in order to be considered for appointment to the FAA under the Collegiate Training Initiative (CTI). Students will be required to pass an all inclusive CTI exam to be considered for a recommendation. Students may receive a passing grade for the course while not receiving a recommendation from the ATC staff.

Lecture/Lab Hours: Three hours lecture per week.

ATCM 4204 – Advanced Control Tower Operator (CTO) I

Credit: 4 hours

Prerequisites: ATCM 2201 with a “C” or better

Description: This course provides students with the advanced Air Traffic Control (ATC) knowledge for Air Traffic Control Tower (ATCT) Ground Control position. Fundamental knowledge requirements of an air traffic control specialist are studied in the classroom. Students will learn about the equipment used in an ATCT, necessary coordination procedures, and Federal Aviation Administration (FAA) phraseology. Fundamental procedure requirements of an air traffic control specialist are applied and practiced in an actual ATCT. Students will perform air traffic duties to aircraft on the taxiways and parking ramps while using FAA phraseology.

Lecture/Lab Hours: One hour lecture and 8 hours laboratory per week.

ATCM 4204L – Advanced Control Tower I Lab

Credit: 1 hour

Prerequisites:

Co-requisite: ATCM 4204

Description: This course provides students with the basic Air Traffic Control (ATC) procedures for Air Traffic Control Tower (ATCT) Ground Control 250 position. Fundamental procedure requirements of an air traffic control specialist are applied and practiced in an actual ATCT. Students will perform air traffic duties to aircraft on the taxiways and parking ramps while using Federal Aviation Administration (FAA) phraseology and complying with FAA Collegiate Training Initiative (CTI) standards.

Lecture/Lab Hours: Three hours laboratory per week.

ATCM 4205 – Advanced Control Tower Operator (CTO) II

Credit: 4 hours

Prerequisites: ATCM 4204 Advanced Control Tower Operator I

Description: This course provides students with the advanced Air Traffic Control (ATC) knowledge for Air Traffic Control Tower (ATCT) Local Control position. Fundamental knowledge requirements of an air traffic control tower specialist are studied in the classroom. Students will learn about the equipment used in an ATCT, necessary coordination procedures, and Federal Aviation Administration (FAA) phraseology. This course provides students with the basic Air Traffic Control (ATC) procedures for Air Traffic Control Tower (ATCT) Local Control position. Fundamental procedure requirements of an air traffic control specialist are applied and practiced in an actual ATCT. Students will perform air traffic duties to aircraft on the runway and in the air while using Federal Aviation Administration (FAA) phraseology.

Lecture/Lab Hours: One hour lecture and 8 hours laboratory per week.

ATCM 4205L – Advanced Control Tower II Lab

Credit: 1 hour

Prerequisites:

Co-requisite: ATCM 4205

Description: This course provides students with the basic Air Traffic Control (ATC) procedures for Air Traffic Control Tower (ATCT) Local Control position. Fundamental procedure requirements of an air traffic control specialist are applied and practiced in an actual ATCT. Students will perform air traffic duties to aircraft on the runway and in the air while using Federal Aviation Administration (FAA) phraseology and complying with FAA Collegiate Training Initiative (CTI) standards.

Lecture/Lab Hours: Three hours laboratory per week.

ATCM 4206 – Air Traffic Control Internship

Credit: 4 hours

Description: This internship provides practical experience in an FAA air traffic control facility as approved by the Air Traffic Management department chair.

Lecture/Lab Hours: Four hours laboratory per week.

AVIA 3106 – Private Pilot Flight

Credit: 1 hour

Prerequisites:

Co-requisites: AERO 2102 (Aviation Meteorology); AERO 2106 (Private Pilot Ground School)

Description: This course contains both dual and solo flight instruction designed to prepare the student for FAA private pilot flight and FAA examinations. Additional fees apply.

Lecture/Lab Hours: One hour laboratory per week.

AVIA 3001 – Aviation Maintenance General I

Credit: 3 hours

Prerequisites: None

Description: This course introduces general subjects related to aspects of aircraft maintenance. Topics include aviation math, aviation physics, aerodynamics, and basic electricity and electronics.

Lecture/Lab Hours: Three hours per week.

AVIA 3002 – Aviation Maintenance General II

Credit: 3 hours

Prerequisites: none

Description: This course introduces general subjects related to aspects of aircraft maintenance. Topics include: regulations and maintenance publications; mechanic privileges and limitations; maintenance forms and records; and human factors.

Lecture/Lab Hours: Three hours per week.

AVIA 3003 – Aviation Maintenance General III

Credit: 3 hours

Prerequisites: none

Description: This course introduces general subjects related to aspects of aircraft maintenance. Topics include aircraft drawings; fluid lines and fittings; weight and balance; corrosion control; materials and processes; hardware; and ground operations and servicing.

Lecture/Lab Hours: Three hours per week.

AVIA 3107 – Instrument Pilot Ground School

Credit: 3 hours

Prerequisite: Private Pilot Certificate;

Co-requisite: AVIA 3018 (Instrument Pilot Flight) for Flight Management Majors

Description: This course is designed to prepare the student for instrument pilot flight including aircraft instrumentation, navigation, arrival and departure procedures, instrument flight planning, and FAA examinations.

Lecture/Lab Hours: Three hours lecture per week.

AVIA 3018 – Instrument Pilot Flight

Credit: 1 hour

Prerequisite: Private Pilot Certificate; **Co-requisite:** AVIA 3107 (Instrument Pilot Ground School) for Flight Management Majors

Description: This course contains both dual and solo flight instruction designed to prepare the student for FAA instrument pilot flight and FAA examinations. Additional fees apply.

Lecture/Lab Hours: One hour laboratory per week.

AVIA 3019 – Commercial Pilot Single-Engine Ground School

Credit: 3 hours

Prerequisite: Instrument Pilot Certificate; Co-requisite: AVIA 3020 (Commercial Pilot Flight I)

Description: This course is designed to prepare the student for FAA commercial pilot flight and FAA examinations. Specifically, this course introduces procedures, operations, and regulations to fly for compensation or hire.

Lecture/Lab Hours: Three hours lecture per week.

AVIA 3020 – Commercial Pilot Flight I

Credit: 1 hour

Prerequisite: Instrument Pilot Certificate; Co-requisite: AVIA 3019 (Commercial Pilot Single-Engine Ground School)

Description: This course contains both dual and solo flight instruction designed to prepare the student for FAA commercial pilot flight and FAA examinations. Additional fees apply.

Lecture/Lab Hours: One hour laboratory per week.

AVIA 3021 – Commercial Pilot Multi-Engine Ground School

Credit: 3 hours

Prerequisite: Instrument Pilot Certificate; Co-requisite: AVIA 3022 Commercial Pilot Flight II

Description: This course is designed to prepare the student for FAA commercial pilot multi-engine flight and FAA examinations. Specifically, this course introduces procedures, operations, and for multi-engine flight.

Lecture/Lab Hours: Three hours lecture per week.

AVIA 3022 – Commercial Pilot Flight II

Credit: 1 hour

Prerequisite: Instrument Pilot Certificate.

Co-requisite: AVIA 3021 (Commercial Pilot Multi-Engine Ground School).

Description: This course contains dual flight instruction designed to prepare the student for FAA commercial multi-engine pilot flight and FAA examinations. Additional fees apply.

Lecture/Lab Hours: One hour laboratory per week.

AVIA 3023 – Flight Instructor I Ground School

Credit: 3 hours

Prerequisite: Commercial Pilot Certificate

Co-requisite: AVIA 3024 (Flight Instructor I Flight)

Description: This course is designed to prepare the student for FAA certified flight instructor rating and FAA examinations. Specifically, this course introduces theories of learning, fundamentals of instruction, and flight instructor responsibilities.

Lecture/Lab Hours: Three hours lecture per week.

AVIA 3024 – Flight Instructor I Flight

Credit: 1 hour

Prerequisite: Commercial Pilot Certificate

Co-requisite: AVIA 3023 (Flight Instructor I Ground School)

Description: This course contains dual flight instruction designed to prepare the student for flight instructing leadership role and FAA examinations. Additional fees apply.

Lecture/Lab Hours: One hour laboratory per week.

AVIA 3025 – Flight Instructor II Ground School

Credit: 3 hours

Prerequisites: AVIA 3023 (Flight Instructor I Ground School); AVIA 3024 (Flight Instructor I Flight)

Co-requisite: AVIA 3026 (Flight Instructor II Flight)

Description: This course is designed to prepare the student for FAA certified flight instructor instrument rating and FAA examinations. Specially, this course combines instrument flying skills with teaching skills necessary for the FAA examination.

Lecture/Lab Hours: Three hours lecture per week.

AVIA 3026 – Flight Instructor II Flight

Credit: 1 hour

Prerequisites: AVIA 3023 (Flight Instructor I Ground School); AVIA 3024 (Flight Instructor I Flight)

Co-requisite: AVIA 3025 (Flight Instructor II Ground School). This course contains dual flight designed to prepare the student for FAA certified flight instructor instrument rating and FAA examinations. Specially, this course combines instrument flying skills with teaching skills necessary for the FAA examination. Additional fees apply.

Lecture/Lab Hours: One hour laboratory per week.

AVIA 3030 – Airplane Specialty Flight: Tail-wheel Operations and Flight

Credit: 1 hour

Prerequisites: AVIA 3019 Commercial SE GS; AVIA 3020 Commercial SE FLT

Description: This course is an introduction tail-wheel airplane operation. During this course the student will learn how to practically apply theories learned to safely and properly operate an aircraft equipped with a conventional tail-wheel design. The flight training will involve tricycle to tail-wheel transition, emergency procedures, and applicable related maneuvers. Additional fees apply.

Lecture/Lab Hours: Two hour lab per week for eight weeks.

AVIA 3031 – Upset Recovery

Credit: 1 hour

Prerequisites: AVIA 3019 Commercial SE GS / AVIA 3020 Commercial SE FLT

Description: This course is comprehensive practical training in recovery from unusual altitudes and upsets during flight. Using aerobatic aircraft, students will learn how to practically apply theories learned in prior ground school classes. The training will involve recovery from nose-high and nose-low altitudes, as well as overbanks, inverted flight, and various spins and aggravated stall conditions.

Lecture/Lab Hours: Two hours lab per week for four weeks.

AVIA 3081 – Private Pilot Flight Helicopter

Credit: 1 hour

Co-requisite: AERO 2102 (Aviation Meteorology) and AERO 2106 (Private Pilot Ground School)

Description: This course contains both dual and solo flight instruction designed to prepare the student for FAA private pilot helicopter flight and FAA examinations. Additional fees apply.

Lecture/Lab Hours: One hour laboratory per week.

AVIA 3083 – Instrument Pilot Flight Helicopter I

Credit: 1 hour

Prerequisite: Private Pilot Certificate

Co-requisite: AVIA 3017 (Instrument Pilot Ground School). Begins the study of Instrument Pilot privileges. This course contains dual training flights designed to help prepare the student for the FAA Instrument Practical Test. Emphasis is placed on knowledge and performance skill to help qualify for the FAA Rotorcraft Category Helicopter class rating with Instrument Privileges. Additional fees apply.

Lecture/Lab Hours: One hour laboratory per week.

AVIA 3084 – Instrument Pilot Flight Helicopter II

Credit: 1 hour

Prerequisite: Private Pilot Certificate, AVIA 3083

Co-requisite: AVIA 3017 (Instrument Pilot Ground School). Completes the study of Instrument Pilot privileges. This course contains dual training flights designed to prepare the student for the FAA Instrument Practical Test. Emphasis is placed on knowledge and performance skill to qualify for the FAA Rotorcraft Category Helicopter class rating with Instrument Privileges. Additional fees apply.

Lecture/Lab Hours: One hour laboratory per week.

AVIA 3085 – Commercial Pilot Flight Helicopter

Credit: 1 hour

Prerequisite: Instrument Pilot Certificate

Co-requisite: AVIA 3019 (Commercial Pilot Single Engine Ground School). This course contains both dual and solo flight instruction designed to prepare the student for FAA commercial pilot helicopter flight and FAA examinations. Additional fees apply.

Lecture/Lab Hours: One hour laboratory per week.

AVIA 3087 – Flight Instructor I Flight Helicopter

Credit: 1 hour

Prerequisite: Commercial Pilot Certificate

Co-requisite: AVIA 3023 (Flight Instructor I Ground School). This course contains dual flight instruction designed to prepare the student for flight instructor leadership role. Emphasis is placed on gaining the necessary instructional knowledge and performance skills to qualify for the FAA Flight Instructor Pilot Certificate with rotorcraft category and helicopter class rating. Additional fees apply.

Lecture/Lab Hours: One hour laboratory per week.

AVIA 3089 – Flight Instructor II Flight Helicopter

Credit: 1 hour

Prerequisite: AVIA 3023 (Flight Instructor I Ground School); AVIA 3087 (Flight Instructor I Flight Helicopter)

Co-requisite: AVIA 3085 (Flight Instructor II Ground School). This course contains dual flight instruction designed to prepare the student for Flight Instructor Instrument. Emphasis is placed on gaining the necessary instructional knowledge and performance skills to qualify for the FAA Flight Instructor Instrument Pilot Certificate with rotorcraft category and helicopter class rating. Additional fees apply.

Lecture/Lab Hours: One hour laboratory per week.

AVIA 4001 – Advanced Aerodynamics

Credit: 3 hours

Prerequisite: Commercial Pilot

Certificate: This course covers the concepts associated with advanced and high speed aircraft performance and aerodynamics. Boundary layer, mach tuck, compressible flow, swept-wing flight characteristics, supersonic flight, and other advanced topics are presented and applied to current and future aircraft design, handling considerations, and aircraft performance characteristics.

Lecture/Lab Hours: Three hours lecture per week.

AVIA 4002 – Advanced Navigation

Credit: 3 hours

Prerequisite: Commercial Pilot Certificate

Description: Advanced Navigation is an in-depth look into the navigational systems found on turbine powered aircraft such as TCAS, EGPWS, EFIS, FMS, ACARS, auto-flight control, and weather radar. Category I, II, PRM approaches, and the effects and implementation of NextGen are examined as they relate to present and future aircraft operation.

Lecture/Lab Hours: Three hours lecture per week.

AVIA 4004 – Advanced Aircraft Systems

Credit: 3 hours

Prerequisites: Commercial Pilot Certificate; AVIA 4002 (Advanced Navigation)

Description: Advanced Aircraft Systems introduces the operational systems found onboard the CRJ, but is also applicable to other modern day turbine powered aircraft. The turbine engine is examined as a means of propulsion and as the driving force of other aircraft systems. Environmental, electrical, pneumatic, hydraulic, fire protection, anti-ice, fuel, and related instrumentation are presented in this course to provide an operational understanding of the individual systems and the interaction of those systems within the entire aircraft.

Lecture/Lab Hours: Three hours lecture per week.

AVIA 4008 – Helicopter Sling Load Flight

Credit: 1 hour

Prerequisites: Commercial Pilot Certificate (AVIA 3019)

Description: This course offers students specialized training that will provide them the skills necessary to conduct helicopter sling load operations. Additional fees may apply.

Lecture/Lab Hours: One hour laboratory per week.

AVIA 4010 – Aviation and Aerospace Internships

Credit: 3 hours

Prerequisites: Senior Status

Description: This internship provides practical experience in certified flight instruction (CFI), airport management, ATC, or airline management as approved by the department chair. Maximum of 6 hours.

Lecture/Lab Hours: 12 hours laboratory per week.

AVIA 4012 – Helicopter Night Vision Goggles Flight

Credit: 2 hours

Prerequisites: Commercial Pilot Certificate (AVIA 3019)

Description: This course offers students specialized training that will provide them the skills necessary to conduct helicopter operations at night utilizing night vision goggles. Additional fees may apply.

Lecture/Lab Hours: One hour lecture and one hour of laboratory per week.

AVIA 4101 – Aviation Maintenance Airframe I

Credit: 3 hours

Prerequisite: AVIA 3001, 3002, and 3003

Description: This course introduces airframe subjects related to aspects of aircraft maintenance, with an emphasis on the different types of aircraft construction and structural repair methods. Topics include: aircraft structures; aircraft fabric covering; aircraft metal structural repair; aircraft welding; aircraft wood; advanced composites; and aircraft painting and finishing.

Lecture/Lab Hours: Three hours per week.

AVIA 4102 – Aviation Maintenance Airframe II

Credit: 3 hours

Prerequisite: AVIA 3001, 3002, and 3003

Description: This course introduces airframe subjects related to aspects of aircraft maintenance, with an emphasis on airframe electrical systems and components. Topics include: aircraft electrical systems; aircraft instruments; and communication and navigation systems.

Lecture/Lab Hours: Three hours per week.

AVIA 4103 – Aviation Maintenance – Airframe III

Credit: 3 hours

Prerequisites: AVIA 3001, 3002, and 3003

Description: This course introduces airframe subjects related to aspects of aircraft maintenance, with an emphasis on systems and components, culminating with the airframe inspection portion of the course. Topics include: hydraulic, pneumatic and landing gear systems; aircraft assembly and rigging; aircraft fuel systems; ice and rain protection; cabin environmental systems; fire protection systems; and airframe inspection.

Lecture/Lab Hours: Three hours per week.

AVIA 4201 – Aviation Maintenance Powerplant I

Credit: 3 hours

Prerequisites: AVIA 3001, 3002, and 3003

Description: This course introduces powerplant subjects related to aspects of aircraft maintenance, with an emphasis on aircraft reciprocating engines. Topics include: reciprocating engine theory and construction; engine fuel and fuel metering systems; induction and exhaust systems; engine ignition and electrical systems; engine starting systems; lubrication and cooling systems; engine removal and replacement; engine fire protection systems; and engine operation and maintenance.

Lecture/Lab Hours: Three hours per week.

AVIA 4202 – Aviation Maintenance Powerplant II

Credit: 3 hours

Prerequisites: AVIA 3001, 3002, and 3003

Description: This course introduces powerplant subjects related to aspects of aircraft maintenance, with an emphasis on aircraft turbine engines. Topics include: turbine engine theory and construction; engine fuel and fuel metering systems; induction and exhaust systems; engine ignition and electrical systems; engine starting systems; lubrication and cooling systems; engine removal and replacement; engine fire protection systems; and engine operation and maintenance.

Lecture/Lab Hours: Three hours per week.

AVIA 4203 – Aviation Maintenance Powerplant III

Credit: 3 hours

Prerequisites: AVIA 3001, 3002, and 3003

Description: This course introduces powerplant subjects related to aspects of aircraft maintenance, with an emphasis on aircraft propellers and engine inspections. Topics include: propeller theory, construction, maintenance and operation for both reciprocating and turbine applications; reciprocating engine, and turbine engine inspection, with an emphasis on Federal Aviation Regulations.

Lecture/Lab Hours: Three hours per week.

AVIA 4500 – Airline Transport Pilot

Credit: 3 hours

Prerequisites: Commercial Pilot Certificate

Co-requisites: AVIA 4500L

Description: Airline Transport Pilot is designed to meet the requirements of FAA AC-139 to allow students to obtain an ATP with reduced minimums. This course introduces the operational systems found on-board turbine transport aircraft, turbine engine operation, high altitude and high airspeed aerodynamics, high altitude weather, crew concept and management, and other areas of study required by the FAA regulations.

Lecture/Lab Hours: Three hours lecture per week.

AVIA 4500L – Airline Transport Pilot Lab

Credit: 1 hour

Prerequisites: Commercial Pilot Certificate

Co-requisites: AVIA 4500

Description: Airline Transport Pilot is designed to meet the requirements of FAA AC-139 to allow students to obtain an ATP with reduced minimums. This course introduces the operational systems found on-board turbine transport aircraft, turbine engine operation, high altitude and high airspeed aerodynamics, high altitude weather, crew concept and management, and other areas of study required by the FAA regulations. This is the Lab component to the Airline Transport Pilot Class (AVIA 4500). Students will be in the flight simulator during this lab. Additional fees apply.

Lecture/Lab Hours: Four laboratory hours per week.

AVNC 1000 – Introduction to Aviation Electronics

Credit: 6 hours

Prerequisites: Grade of C or better in AMTP 1030.

Description: Provides a review of DC and AC circuits, an introduction to solid state devices, digital concepts, logic systems, telecommunications, and soldering practices.

Lecture/Lab Hours: Four hours lecture and twelve (12) hours of laboratory per week.

AVNC 1010 – Aircraft Communication Systems Maintenance

Credit: 5 hours

Prerequisites: Grade of C or better in AMTP 1030 and AVNC 1000.

Description: Provides theory, operation, testing and troubleshooting of common aircraft communication systems to include aircraft audio distribution systems, satellite communication systems, telephone systems, public address systems, and intercom systems. The student will receive training on the setup and use of common test equipment associated with both bench and line testing of aircraft communication systems. In addition, the student will receive training in aircraft communication systems troubleshooting and repair practices/procedures using the correct materials and processes.

Lecture/Lab Hours: Four hours lecture and eight hours of laboratory per week.

AVNC 1020 – Aircraft Navigation and Autopilot Systems Maintenance

Credit: 9 hours

Prerequisites: Grade of C or better in AMTP 1030 and AVNC 1000.

Description: Provides theory, operation, testing and troubleshooting of common aircraft navigation systems to include VOR/LOC navigation systems, instrument landing systems, global positioning systems, distance measuring equipment, air traffic radar beacon systems and autopilot systems. The student will receive training on the setup and use of common test equipment associated with both bench and line testing of aircraft navigation and autopilot systems. In addition, the student will receive training in aircraft navigation and autopilot systems troubleshooting and repair practices/procedures using the correct materials and processes.

Lecture/Lab Hours: Eight hours lecture and sixteen (16) hours of laboratory per week.

AVNC 1030 – Aircraft Electric/Electronic Systems Installation

Credit: 7 hours

Prerequisites: Grade of “C” or better in AMTP 1030

Description: Provides theory and practical experience in the installation of avionics systems in aircraft, mounting electronic equipment, construction and installation of electrical wiring and cables, proper use of tools and selection of materials. This course is not transferable to Bachelor of Arts or Sciences programs. Additional fees apply.

Lecture/Lab Hours: 2 hours lecture and 5 hours laboratory per week.

BIOL 1001K – Introductory Biology I

Credit: 4 hours

Co requisites: BIOL 1001L

Description: This non-major’s course, the first in a lab sequence, is designed to develop an appreciation for the biological sciences and to strengthen understanding of scientific method and experimental design through applied thinking. An appreciation of biological concepts and literacy also will be attained. The course will concentrate on the cellular and molecular levels of biology, genetics and will finish with a study of the anatomy and physiology of organisms through a study of the digestive, respiratory, cardiovascular, thermoregulatory, and sensory systems. **Notes:** Students cannot receive graduation credit for both BIOL 1001 and BIOL 2107 or for both BIOL 1002 and BIOL 2108.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 1001K-H – Honors Introductory Biology I

Credit: 4 hours

Prerequisites: Admission to the Honors Program

Co requisites: BIOL 1001H Laboratory

Description: This non-majors’ honors course, the first in a lab sequence, is designed to develop an appreciation for the biological sciences and to strengthen understanding of scientific method and experimental design through applied thinking. An appreciation of biological concepts and literacy also will be attained. The course will concentrate on the cellular and molecular levels of biology, genetics, and will finish with a study of the anatomy and physiology of organisms through a study of the digestive, respiratory, cardiovascular, thermoregulatory, and sensory systems. Students will participate in an honors laboratory section where they will conduct an in-depth study of the methods of scientific investigation. Students will be required to submit projects related to lecture subjects. **Note:** Students cannot receive graduation credit for both BIOL 1001 and BIOL 2107 or for both BIOL 1002 and BIOL 2108.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 1002K – Introductory Biology II

Credit: 4 hours

Prerequisites: BIOL 1001K

Co requisites: BIOL 1002L

Description: This non-major's course, the second in a lab science sequence, is designed to increase an appreciation for the basic concepts of biology including an understanding of the scientific method and experimental design. To achieve the goal, the subject areas of evolution, organismal diversity and ecology will be investigated. **Notes:** Students cannot receive graduation credit for both BIOL 1001 and BIOL 2107 or for both BIOL 1002 and BIOL 2108.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 1002K-H – Honors Introductory Biology II

Credit: 4 hours

Prerequisites: Admission to the Honors Program and BIOL 1001K or BIOL 1001K-H

Co requisites: BIOL 1002H Laboratory

Description: This non-majors' honors course, the second in a lab sequence, is designed to increase an appreciation for the basic concepts of biology, including an understanding of the scientific method and experimental design. To achieve the goal, the subject areas of evolution, organismal diversity and ecology will be investigated. Students will participate in an honors laboratory section where they will conduct an in-depth study of the methods of scientific investigation. Students will be required to submit projects related to lecture subjects.

Notes: Students cannot receive graduation credit for both BIOL 1001 and BIOL 2107 or for both BIOL 1002 and BIOL 2108.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 1004 – Perspectives on the Human Body

Credit: 4 hours

Description: This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to the human body. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of the human body and to gain experience in developing and presenting original arguments in oral forms. This course is designed to promote an interest in science through a better understanding of the human body. The organization, maintenance, and control of the body will be examined through the study of specific body systems in health and disease. Discussions will include the scientific process of investigation, cellular activity and cancer, basic concepts of energy and the digestive system, the relationship between structure and functions in the musculoskeletal system, and the role of hormones in regulating body functions. Students will learn how critically to evaluate information and keep current of the rapidly changing scientific world through news media and Internet activities.

Lecture/Lab Hours: Four hours per week.

BIOL 1005 – Perspectives on the Environment

Credit: 4 hours

Description: This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to basic environmental principles and possible solutions to environmental problems. The course includes an online Critical Thinking and Oral Communication (CTOC) component. An introduction to basic environmental principles and possible solutions to environmental problems. Topics will include discussions of how the environment is organized, problems associated with natural resources' availability and misuse, and practical strategies that could assure the sustainability of our planet. Students will learn how to evaluate critically various sources of information about the environment from several types of media.

Lecture/Lab Hours: Four hours per week.

BIOL 1006 – Perspectives on Mildews, Mushrooms, and Man

Credit: 4 hours

Description: This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to basic environmental principles and possible solutions to environmental problems. The course includes an online Critical Thinking and Oral Communication (CTOC) component. This course examines some of the most common groups of the Kingdom Fungi and their unique characteristics and impact on man throughout human history. The course will emphasize the extraordinary things that fungi do and the unique places they are found. In addition to exploring the scientific concepts related to the Kingdom Fungi, students will critically evaluate the role of fungi in human development, civilization and history.

Lecture/Lab Hours: Four hours per week.

BIOL 1114K – Anatomy and Physiology I

Credit: 4 hours

Prerequisites: 950 and above (SAT VERB + SAT MATH), or 500 and above (SAT VERB), or 500 and above (SAT MATH) or 20 and above (ACT), or a GPA of 2.7 with 30 hours of earned credit.

Co-requisites: BIOL 1114L

Description: This course is an introduction to the structure and function of the human body beginning with the study of cell structure and function, control systems, and homeostasis, tissue types and continuing with the study of integumentary, skeletal, muscular, and nervous systems. Students enrolling should have prior knowledge equivalent to BIOL 1001K or should have completed the college preparatory curriculum.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 1124K – Anatomy and Physiology II

Credit: 4 hours

Prerequisites: A grade of a "C" or better in BIOL 1114K

Co-requisites: BIOL 1124L

Description: A continuation of BIOL 1114K, this course involves an integrated approach to the study of the endocrine, circulatory, urogenital, respiratory, and gastrointestinal systems.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 1134K – Microbiology for Health Sciences

Credit: 4 hours

Prerequisites: A grade of a "C" or better in BIOL 1114K

Co-requisites: BIOL 1134L

Description: This course introduces the student to medically significant microorganisms, their mode of pathogenesis and treatment, and the host's immune response. It has six major sections: bacteriology, virology, mycology, parasitology, immunology, and infectious disease.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

BIOL 1150 – Field Studies in Biology

Credit: 3 hours

Description: An onsite study of the biology and natural history of a selected environment, ranging from Georgia to the Galapagos Islands. Introductory classroom activity appropriate to the field work is included. Additional fees are required.

Lecture/Lab Hours: Variable

BIOL 1160K – Introduction to Fungi

Credit: 4 hours

Description: This course will cover the history of mycology (study of Fungi) and all the organisms traditionally studied by mycologists. Students will learn about the biology of fungi, different kinds of fungi, ecology, genetics, human uses of fungi, diseases caused by fungi, and modern issues relating to fungi. Students will also be required to participate in a lab section and several field trips.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

BIOL 1332K – Introduction to Insects

Credit: 4 hours

Description: This course will cover the origins and diversity of insects and related organisms, their anatomy and physiology, and their interactions with humans and ecosystems. Laboratory exercises will include collections, studies of diversity and anatomy and experiments on physiology.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 2107K – Principles of Biology I

Credit: 4 hours

Prerequisites or Co-requisites: CHEM 1211K

Co-requisites: BIOL 2107L

Description: This is a major course where students investigate the principles and applications of biology. Topics include the scientific method, cell structure and function, basic chemistry of life, cellular reproduction and genetics, biotechnology, and evolutionary mechanisms. **Notes:** Students cannot receive graduation credit for both BIOL 1001K and BIOL 2107K or for both BIOL 1002K and BIOL 2108K.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 2108K – Principles of Biology II

Credit: 4 hours

Prerequisites: A grade of a "C" or better in BIOL 2107K

Co-requisites: BIOL 2108L

Description: This is a continuation of BIOL 2107K. Areas of study include a survey of organisms with emphasis on diversity and evolutionary relationships, selected topics in plant anatomy and physiology, and vertebrate anatomy and physiology, and ecology. **Notes:** Students cannot receive graduation credit for both BIOL 1001K and BIOL 2107K or for both BIOL 1002K and BIOL 2108K.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 2999 – Directed Studies in Biology

Credit: 1 hour

Prerequisites: BIOL 2107K and permission of the instructor.

Description: An independent study course in which students are expected to perform research on specific topics in biology with a focus on learning about specific laboratory and/or field techniques. Students will present their findings to peers and at least one science faculty member. Students will demonstrate their knowledge of their research through at least one written assignment. Students should have a strong background in the biological sciences. This course can be taken two times in lieu of the two hour SCIE 2998 Research Methods course.

Lecture/Lab Hours: Variable.

BIOL 3104K – Cell Biology

Credit: 4 hours

Prerequisites: A grade of a "C" or better in BIOL 2108K

Co-requisites: BIOL 3104L

Description: This is a general cell biology course covering the structure and function of a diversity of cell types, including their architecture and organization, modes and mechanisms of cell division, various membrane phenomena, organellogenesis, signal transduction, physiology, energy transduction, gene expression, and various cellular control mechanisms. Additional topics will include cell evolution, cellular diversity, and multicellularity.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 3113 – Environmental Science

Credit: 3 hours

Prerequisite: A grade of a "C" or better in BIOL 2108K.

Description: This course uses biological and earth science principles to examine humans and their global environment. Topics include but are not limited to human population growth, global warming, ozone depletion, water quality and pollution, energy production, waste disposal, epidemiology, conservation, natural processes, sustainability, etc.

Lecture/Lab Hours: Three hours lecture per week.

BIOL 3115K – Parasitology

Credit: 4 hours

Prerequisites: BIOL 3540K

Co-requisites: BIOL 3115L

Description: This course seeks to investigate and examine the basic principles and evolution of the parasitic lifestyle of various groups of organisms and includes a survey of the most common parasitic species in a laboratory setting. Special emphasis will be placed on the parasites of humans and domestic animals.

Lecture/Lab Hours: Three hours of lecture and two hours of laboratory per week.

BIOL 3130 – Ethical Issues in Science

Credit: 3 hours

Prerequisites: ENGL 1102 or ENGL 1102H and BIOL 2108K

Description: This course is designed to inform students of new issues facing the scientific community and society as a result of advances in science and medicine. It examines the importance and value of scientific research from different perspectives.

Lecture/Lab Hours: Three hours lecture per week.

BIOL 3211 – Evolution

Credit: 4 hours

Prerequisite: A grade of a “C” or better in BIOL 2108K.

Description: Biological evolution, from the level of genes to populations to species will be studied. The history of the development of evolutionary thought will also be covered.

Lecture/Lab: Four hours lecture per week.

BIOL 3310K – Biochemistry

Credit: 4 hours

Prerequisites: A grade of a "C" or better in both CHEM 2212K and BIOL 2108K

Co-requisites: BIOL 3310L

Description: This is a one-semester course on the principles of biological chemistry with an emphasis on the study of the principal compounds of biochemical importance: proteins, lipids, carbohydrates, their chemistry, metabolic breakdown and biosynthesis, enzymes, co-factors, nucleic acids, regulation of cellular systems.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 3350K – Ecology

Credit: 4 hours

Prerequisites: A grade of a "C" or better in BIOL 2108K

Co-requisites: BIOL 3350L

Description: This is a study of the interactions of plants and animals with their non-living environment and with each other. Topics include: species diversity, population structure and dynamics, organization and classification of communities, and nutrient and energy flows in ecosystems.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 3360K – Plant Biology

Credit: 4 hours

Prerequisites: A grade of a "C" or better in BIOL 2108K

Co-requisites: BIOL 3360L

Description: This is a plant biology course that deals with the biology of plants at the organismal and ecological levels. Topics include: plant anatomy, plant physiology, evolution, and diversity of plants, algae, and fungi; environmental interactions; global environmental issues and ethnobotany.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 3510K – Invertebrate Zoology

Credit: 4 hours

Prerequisites: A grade of a "C" or better in BIOL 2108K

Co-requisites: BIOL 3510L

Description: This is an introduction to the natural history of the invertebrate phyla, with emphasis on the major groups: their phylogeny, comparative structure and physiology, ecology, and embryology necessary for an understanding of homology.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 3520K – Vertebrate Zoology

Credit: 4 hours

Prerequisites: A grade of a "C" or better in BIOL 2108K

Co-requisites: BIOL 3520L

Description: This is an introduction to the natural history of the phylum Chordata with an emphasis on the vertebrate classes: their phylogeny, comparative structure and physiology, ecology, historical distribution patterns, and embryology necessary for understanding homology.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 3540K – Microbiology

Credit: 4 hours

Prerequisites: A grade of a "C" or better in BIOL 2108K

Co-requisites: BIOL 3540L

Description: This course presents the basic subdivisions of microbiology, including the study of viruses, fungi, and microscopic eukaryotes, but with an emphasis on bacteriology. Topics covered include the following: microbial taxonomy and evolution, microbial physiology, microbial genetics, microbial pathogenesis, and the tools and techniques of microbiology. The impact of microbiology on medicine, the environment, basic research, and biotechnology is discussed.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

BIOL 3666K – Entomology

Credit: 4 hours

Prerequisite: A grade of a "C" or better in BIOL 2108K.

Description: The natural history, morphology, physiology, taxonomy, evolutionary relationships and behavior of insects will be studied. This course will also cover the economic and medical importance of insects.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 3710K – Animal Physiology

Credit: 4 hours

Prerequisites: A grade of a "C" or better in BIOL 2108K

Co-requisites: BIOL 3710L

Description: This is an examination of the physiological processes which contribute to whole animal homeostasis. This course will compare the strategies and adaptations used by different animals to meet the challenges of circulation, gas exchange, metabolism, temperature regulation, water balance, sensation, and locomotion in the context of their environments. Emphasis will be on the integrative actions of the nervous and endocrine systems.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 4110K – Genetics

Credit: 4 hours

Prerequisites: A grade of a "C" or better in BIOL 2108K

Co-requisites: BIOL 4110L

Description: This course serves as an introduction to the basic principles of heredity. Classical Mendelian principles of inheritance and molecular principles of inheritance are discussed. This course includes the structure, function, regulation, and transmission of hereditary materials in viruses, prokaryotes, and eukaryotes.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 4120 – Senior Seminar

Credit: 2 hours

Prerequisites: Student must have completed 90 or more hours and be Biology major.

Description: This seminar course is intended for students in the last year of their program. Through lectures and the scientific literature and class discussions, students will be introduced to particular areas of active research. Students will be expected to undertake individual projects which may include oral and/or written presentations and preparation of mini-grant applications.

Lecture/Lab Hours: Two hours per week. Students can get credit for either BIOL 4120 or BIOL 4894.

BIOL 4150K – Tropical Ecology Studies

Credit: 4 hours

Prerequisites: BIOL 3510, BIOL 3350, BIOL 3520, and permission of instructors

Description: This course is designed to expose students to the aspects of field research by taking a trip to the country of Costa Rica. The approach is hands-on, with an emphasis on developing skills of observation, analysis and critical thinking, and learning to apply those skills in carrying out original research in the field. Students will carry out abbreviated research projects in one of the diverse habitats of Costa Rica and subsequently present the results of their studies in a formal seminar setting.

Lecture/Lab Hours: Three hours lecture and two hours lab per week

BIOL 4321 – Special Topics

Credit: 2-4 hours

Prerequisite: A grade of a “C” or better in BIOL 2108K.

Description: This course will address current topics of interest in the biological sciences. Different instructors will teach the course every year and the topic will vary with the instructor involved.

Lecture/Lab Hours: Two to four hours lecture and/or laboratory per week.

BIOL 4344K – Comparative Vertebrate Anatomy

Credit: 4 hours

Prerequisite: A grade of a “C” or better in BIOL 2108K.

Description: The gross anatomy, biomechanics, physiology and evolutionary relationships of vertebrates will be studied. Several types of vertebrates will be dissected.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 4411 (PSYC 4411) – Animal Behavior

Credit: 3 hours

Prerequisites: At least a “C” or better in BIOL 2108 OR at least a “C” or better in PSYC 3401

Description: This course addresses the causes of animal behavior considered from evolutionary biological, ecological, and neuroethological perspectives. The course begins by considering animal behavior in the context of evolutionary theory including discussions of natural selection, sexual selection, genetic and epigenetic effects on behavior. The rest of the course includes topics such as mating systems, parental care and kinship, cooperation, feeding behavior, antipredator behavior, aggression, play, communication, and animal personalities.

Lecture/Lab Hours: Three hours per week.

BIOL 4450K – Mycology

Credit: 4 hours

Prerequisite: A grade of a “C” or better in BIOL 2108K.

Description: Students will cover all known taxonomic groups of Kingdom Fungi and related organisms traditionally studied by mycologists (oomycetes, slime molds). Emphasis will be placed on learning the biology of Fungi and related organisms (cell biology / genetics / ecology / morphology / biogeography / pathology) but students will also gain an appreciation of the impact of these organisms on the environment and human society as well as the history of the field. Lab will involve learning how to identify, collect, culture, manipulate and respect these organisms.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

BIOL 4454K – Developmental Biology

Credit: 4 hours

Prerequisite: A grade of a “C” or better in BIOL 2108K.

Description: The embryological development of animals will be studied with an emphasis on vertebrates. Includes the study of relevant biochemistry, molecular biology, genetics, germ cell production, fertilization, differentiation, the origin of organ systems, and how evolution is related to embryology.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 4500 – Immunology

Credit: 3 hours

Prerequisites: A grade of a “C” or better in BIOL 3104K, BIOL 3540K and BIOL 4110K.

Description: Students learn the fundamentals of immunity and immunological effectors; general properties of immune responses; cells and tissues of immune system; effector mechanisms; the principles of innate and acquired immune responses with special focus on humoral and cell-mediated immunity; immunodeficiency and AIDS; autoimmune diseases; transplantation.

Lecture/Lab Hours: Three hours lecture per week.

BIOL 4530K – Molecular Biology

Credit: 4 hours

Prerequisite: BIOL 3540K or BIOL 3104K

Co-requisites: BIOL 4530L

Description: This course is an introduction to the theory and practice of molecular biology. Topics include the molecular aspects of gene structure, function, and evolution. The laboratory will include hands-on experience in which the student will perform molecular genetic analysis and manipulation, such as DNA isolation and characterization, restriction enzyme analysis, cloning, construction and selection of recombinants, and recombinant protein purification.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 4667K – Histology

Credit: 4 hours

Prerequisite: A grade of a “C” or better in BIOL 2108K

Description: Students will examine features of normal human cells, tissues and organs with an emphasis on morphology and function. Assignments will include specimen preparations, histological techniques, staining procedures, and light microscopy, identification of tissues and function of organ systems.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

BIOL 4774 – Field Biology

Credit: 4 hours

Prerequisite: A grade of a “C” or better in BIOL 3350 or BIOL 3360 or BIOL 3510 or BIOL 3520; and instructor permission.

Description: The course involves onsite studies of the biology and natural history of a selected environment. Classroom activity appropriate to the field work is included.

Lecture/Lab Hours: Variable.

BIOL 4894 – Research

Credit: 2 hours

Prerequisites: Two semesters of BIOL 2999 and permission of the instructor.

Description: Students will conduct an in depth research project under the guidance of an advisor. Course will culminate with the preparation of a research paper in publication format and a formal presentation before a committee of at least three science faculty members. This course can also substitute for BIOL 4120.

Lecture/Lab Hours: Variable.

BMGT 2101 – Applied Accounting Concepts

Credit: 3 hours

Description: This course is an overview of basic financial and managerial accounting for those persons who desire to move into managerial positions. The course will cover basic accounting concepts, terminology, and generally accepted accounting principles, with an emphasis on preparing and interpreting accounting information for decision-making. This course is not transferable to Bachelor of Arts or Sciences programs.

Lecture/Lab Hours: Three hours per week.

BMGT 3101 – Ethics in the Workplace

Credit: 3 hours

Description: This course will examine ethical issues and social responsibility in the context of business. Topics include business responsibility, environmental sustainability, and ethics in the various company disciplines and functional areas. This course is not transferable to Bachelor of Arts or Sciences programs.

Lecture/Lab Hours: Three hours per week.

BMGT 3102 – Essentials of Human Resources for Managers

Credit: 3 hours

Description: This is a study of basic principles and practices of human resource management. This course will cover such topics as recruiting, hiring, evaluating, training and developing employees; with special emphasis on case study scenarios regarding each of these aforementioned areas. The legal framework of human resource management will also be covered, along with ways to create and maintain healthy employee-management relationships. This course is not transferable to Bachelor of Arts or Sciences programs.

Lecture/Lab Hours: Three hours per week.

BMGT 3107 – Operations in a Dynamic Environment

Credit: 3 hours

Prerequisites: BUSA 1105

Description: Management of operations in a dynamic workplace involves the use of effective decision-making skills to help with designing, planning, and controlling of the many factors that affect operations. This course will introduce students to the basic definitions and concepts of operations encountered in the workplace. Topics include: forecasting, product and service design, capacity planning, decision theory, process selection and layout, work design, location planning, scheduling, quality control, inventory management, project management, supply chain management (SCM), and the use of basic quantitative tools to help with planning and allocating resources. Computer assisted problem solving applications are included. This course is not transferable to Bachelor of Arts or Sciences programs.

Lecture/Lab Hours: Three hours per week.

BMGT 3108 – Introduction to Management - When Theory Meets Practice

Credit: 3 hours

Prerequisites: Junior standing or permission from the instructor

Description: An introduction to the management process emphasizing planning and strategy, organizational theory and structure, and organizational behavior, direction and control including leadership, motivation, team building, management information systems and current managerial issues such as total quality management, multi-cultural impact and ethical management. This course is not transferable to Bachelor of Arts or Sciences programs.

Lecture/Lab Hours: Three hours per week.

BMGT 3314 – Principles of Logistics

Credit: 3 hours

Description: This course is designed to give an overview of logistics including transportation, procurement, warehousing, and the critical elements and systems which coordinate critical areas of the order fulfillment functions for business. This course is not transferable to Bachelor of Arts or Sciences programs.

Lecture/Lab Hours: Three hours per week.

BMGT 4103 – Leadership & Decision-Making

Credit: 3 hours

Description: This course is a study of various leadership styles and the respective impact these styles have on organizations. Topics will include leadership in a changing environment, qualities of successful leadership styles, developing an appropriate leadership style, leadership and social responsibility, and conflict resolution techniques. This course is not transferable to Bachelor of Arts or Sciences programs.

Lecture/Lab Hours: Three hours per week.

BMKT 3109 – Fundamentals of Marketing

Credit: 3 hours

Description: The purpose of this course is to introduce the student to the basic fundamentals of marketing. The design of the course will include studying and applying marketing concepts, terms and topics such as: segmenting and targeting markets; product, place, promotion and price decisions; as well as analytical tools and strategies that an organization can use in order to improve decision-making and implementation of marketing plans. This course is not transferable to Bachelor of Arts or Sciences programs.

Lecture/Lab Hours: Three hours per week.

BUSA 1105 – Introduction to Business

Credit: 3 hours

Prerequisites: READ 0099, MATH 0097

Description: This course is an integrative survey of the functional areas of business such as finance, operations, marketing, and human resources.

Lecture/Lab Hours: Three hours per week.

BUSA 2105 – Communicating in the Business Environment

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102

Description: This is a course emphasizing both interpersonal and organizational communications to include written and oral exercises appropriate to business practice.

Lecture/Lab Hours: Three hours per week.

BUSA 2201 / ITEC 2201 – Business Information Applications

Credit: 3 hours

Description: This is a course designed to provide an overview of information analysis concepts and applications in today's business environment. Topics include a brief history of information technology use in business, the information processing cycle, networking, and business operations in the online world. Emphasis is on business productivity software including spreadsheets, business databases, presentation software, e-mail, basic Web page development, and internet utilization. Students make oral presentations using PowerPoint presentation software. This course may not be substituted for ITEC 2215.

Lecture/Lab Hours: Three hours per week.

BUSA 3101 – Business Ethics

Credit: 3 hours

Prerequisites: Junior status or permission of instructor.

Description: This course will examine ethical issues in the context of business theory and practice. Topics include corporate responsibility, corporate governance, and environmental sustainability. Other topics include ethics in the various business disciplines. Critical thinking skills will be developed to examine these issues.

Lecture/Lab Hours: Three hours per week.

BUSA 3340 – Business Analysis Using Excel

Credit: 3 hours

Prerequisites: MATH 1200 and either BUSA 2101 or ITEC 2201

Description: This course introduces the student to decision making and business analysis using Excel tools and utilities. Coverage includes logic, expression and formula building as well as statistical, what-if, and financial analysis.

Lecture/Lab Hours: Three hours per week.

CHEM 1151K – Survey of Chemistry I

Credit: 4 hours

Co requisites: CHEM 1151L

Description: This is the first course in a two-semester sequence covering elementary principles of general, organic, and biochemistry designed for allied health professions majors. Topics to be covered include elements and compounds, chemical equations, nomenclature, and molecular geometry. Laboratory exercises supplement the lecture material. **Notes:** Students cannot receive graduation credit for both CHEM 1151K and CHEM 1211K or for both CHEM 1152K and CHEM 1212K.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week

CHEM 1152K – Survey of Chemistry II

Credit: 4 hours

Prerequisites: CHEM 1151K

Co-requisites: CHEM 1152L

Description: This is the second course in a two-semester sequence covering elementary principles of general, organic, and biochemistry designed for allied health professions majors. Laboratory exercises supplement the lecture material. **Notes:** Students cannot receive graduation credit for both CHEM 1151K and CHEM 1211K or for both CHEM 1152K and CHEM 1212K.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

CHEM 1211K – Principles of Chemistry I

Credit: 4 hours

Prerequisites: High School Chemistry, or CHEM 1101K, or CHEM 1151K, and at least a "C" or better in MATH 1111.

Co-requisites: CHEM 1211L

Description: This is the first course in a two-semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Topics to be covered include composition of matter, stoichiometry, periodic relations, and

nomenclature. Laboratory exercises supplement the lecture material. **Notes:** Students cannot receive graduation credit for both CHEM 1151K and CHEM 1211K or for both CHEM 1152K and CHEM 1212K.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

CHEM 1212K – Principles of Chemistry II

Credit: 4 hours

Prerequisites: A grade of “C” or better in CHEM 1211K

Co-requisites: CHEM 1212L

Description: This is the second course in a two–semester sequence covering the fundamental principles and applications of chemistry designed for science majors. Laboratory exercises supplement the lecture material. **Notes:** Students cannot receive graduation credit for both CHEM 1151K and CHEM 1211K or for both CHEM 1152K and CHEM 1212K.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

CHEM 2211K – Organic Chemistry I

Credit: 4 hours

Prerequisites: A grade of “C” or better in CHEM 1212K

Co-requisites: CHEM 2211L

Description: This is an introduction to nomenclature, structure and reactions of aliphatic and aromatic hydrocarbon compounds. The concepts of stereochemistry, reaction mechanisms, resonance theory, and aromaticity will be discussed. The laboratory session provides the training for basic laboratory techniques of modern organic chemistry.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

CHEM 2212K – Organic Chemistry II

Credit: 4 hours

Prerequisites: A grade of “C” or better in CHEM 2211K

Co-requisites: CHEM 2212L

Description: This is a study of functional group derivatives of hydrocarbon compounds such as alcohols, ethers, aldehydes, ketones, carboxylic acids, and their amines and amides. The reactions, synthesis, and spectrophotometric identification of organic compounds will be emphasized. Special topics such as heterocyclic compounds, orbital symmetry, and biomolecules will be explored.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

CHEM 2999 – Special Topics in Chemistry

Credit: 2 hours

Prerequisites: Permission of instructor

Description: This is a special topics course involving a current chemical/environmental problem. Students will produce a report requiring extensive literature search.

Lecture/Lab Hours: Two hours lecture per week.

COMM 1012 – Perspectives on Persuasion

Credit: 4 hours

Description: This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to persuasion. The course includes an online Critical Thinking and Oral Communication (CTOC) component. In addition, traditional classroom work will focus on the study and practice of persuasive discourse. The course offers an opportunity for students to apply critical thinking skills to persuasion and to gain experience in developing and presenting original arguments in oral forms.

Lecture/Lab Hours: Four hours per week.

COMM 1100 – Human Communication

Credit: 3 hours

Co-/Prerequisites: ENGL 1101

Description: This course provides a broad approach to oral communication skills including intrapersonal, interpersonal, small group, and public speaking.

Lecture/Lab Hours: Three hours per week.

COMM 1110 – Public Speaking

Credit: 3 hours

Prerequisites: English 1101 or permission of instructor

Description: This is an introductory course on basic public speaking with emphasis on theory, research, organization, writing, and delivery, with the organization of materials and the vocal and physical aspects of delivery in various speaking situations. Students will receive instruction through lecture, class discussion, and application of informative, persuasive, and impromptu speaking.

Lecture/Lab Hours: Three hours per week.

COMM 2136 – Group Communication

Credit: 3 Hours

Description: This course explores issues related to communicating in groups and teams. We will explore (1) what constitutes a group, (2) verbal and nonverbal communication in groups, (3) how groups are structured, (4) the environment in which groups operate, (5) your role as a group member, (6) group decision making, (7) leadership, (8) conflict management, (9) group development, (10) meeting management, and (11) how to observe group process and provide feedback. During this term you will have many opportunities to practice what you are learning about group communications in your real-life working environment.

Lecture/Lab Hours: Three hours per week.

COMM 2202 – Introduction to Mass Communication

Credit: 3 hours

Co-/Prerequisites: ENGL 1101

Description: This is a survey of the structure and function of contemporary mass media from an historical and descriptive perspective, with attention paid to problems and criticisms of the media.

Lecture/Lab Hours: Three hours per week.

COMM 2204 – Introduction to Communication Theory and Research

Credit: 3 hours

Co-/Prerequisites: ENGL 1101

Description: This course will provide an introduction to major communication theories and models in both quantitative and qualitative research. Emphasis is placed on locating, reviewing, and evaluating research studies found in professional literature in the field. Provides practical experience in using the American Psychological Association formatting style.

Lecture/Lab Hours: Three hours per week.

COMM 2205 – Introduction to Interpersonal Communication

Credit: 3 hours

Co-/Prerequisites: ENGL 1101

Description: Students are able to combine theory and application of communication principles involved in initiating, developing, and maintaining a relationship. Aspects of one-to-one and small group communication are explored including perception, self-concept, listening, intercultural and gender communication, and conflict management.

Lecture/Lab Hours: Three hours per week.

COMM 2206 – Introduction to Intercultural Communication

Credit: 3 hours

Co-/Prerequisites: ENGL 1101

Description: This introductory course assesses the contributions made by various cultures on contemporary media and reviews the wider cultural implications of the increased distribution of capital, commodities, information, and population on a global scale.

Lecture/Lab Hours: Three hours per week.

COMM 3010 – Communication Theory

Credit: 3 hours

Prerequisites: English 1102/1102H or permission of instructor

Description: This course will provide a comprehensive survey of communication theories and models in both quantitative and qualitative research. The course examines interpersonal, cultural, group, and organizational communication.

Lecture/Lab Hours: Three hours lecture per week.

COMM 3015 – Intercultural Communication in a Global Society

Credit: 3 hours

Prerequisites: English 1102/1102H or permission of instructor

Description: This course provides an examination of the relationship between culture and communication and approaches to studying intercultural communication. The course offers opportunities to examine culture and cultural differences in practical experience-driven ways. This is a writing-intensive course.

Lecture/Lab Hours: Three hours per week.

COMM 3016 – Gender Roles and Communication

Credit: 3 hours

Prerequisites: English 1102/1102H or permission of instructor

Description: This course will explore the ways in which gender and communication intersect and affect each other. The course will investigate how past and prevailing gender attitudes and practices influence present notions of male and female, masculine and feminine in myriad communication forms. Emphasis is on historical-critical, cultural and social scientific research on the influence of sex and gender in everyday communication, and the broader implications of those influences.

Lecture/Lab Hours: Three hours per week.

COMM 3205 – Advanced Interpersonal Communications

Credit: 3 hours

Prerequisites: At least a “C” in ENGL 1102 or 1102H

Description: This course will further develop the student’s ability to combine theory and application of communication principles involved in initiating, developing, and maintaining various types of relationships.

Lecture/Lab Hours: Three hours per week.

CRJU 1100 – Introduction to Criminal Justice

Credit: 3 hours

Description: Study of the basic elements of criminal justice- law enforcement, courts, and corrections. A study of municipal, county, state, and federal police organizations as well as the history, philosophy, procedures, and constitutional aspects of criminal justice.

Lecture/Lab Hours: Three hours per week.

CRJU 2316 – Introduction to Criminology

Credit: 3 hours

Description: Study of the basic principles of criminology including the causes and impacts of crime. An analysis of classical as well as contemporary theories along with criminal behavior, treatment, and prevention.

Lecture/Lab Hours: Three hours per week.

CRJU 2317 – Introduction to Criminal Law

Credit: 3 hours

Description: Survey of common and statutory laws. An investigation of criminal acts and crimes against the person, property, state, and nation.

Lecture/Lab Hours: Three hours per week.

CRJU 2318 – Introduction to Corrections

Credit: 3 hours

Description: This is a historical and contemporary survey of mechanisms of social control and societal responses to criminality in the United States, including the philosophical underpinnings of these responses: i.e., retribution, rehabilitation, restitution, deterrence, and incapacitation. Special emphasis is given to the contemporary implementation of these correctional philosophies.

Lecture/Lab Hours: Three hours per week.

CRJU 2999 – Special topics in Criminal Justice

Credit: 3 hours

Description: This course is a study of special topics related to the American criminal justice system. The course will examine timely issues and developments in the field of criminal justice and the delivery of subject matter will include readings, discussion groups, guided research and field trips. The course may be repeated for credit for different topics. This series of courses may count in the General Electives section of the B.S. in Criminal Justice major.

Lecture/Lab Hours: Three hours per week.

CRJU 3020 – Research Methods in Criminal Justice

Credit: 3 hours

Prerequisites: Completion of Area F CRJU courses

Description: This course is designed to expose students to research methodologies commonly used in the field of criminal justice.

Lecture/Lab Hours: Three hours per week.

CRJU 3100 – Ethics in Criminal Justice

Credit: 3 hours

Prerequisites: Completion of Area F CRJU courses

Description: The course explores the complexities of the decisions and dilemmas facing Criminal Justice practitioners. The focus will be placed on the philosophical and practical approaches to solve ethical dilemmas within the complicated criminal justice system.

Lecture/Lab Hours: Three hours per week.

CRJU 3110 – Theories of Criminal Behavior

Credit: 3 hours

Prerequisites: Completion of Area F CRJU courses

Description: The course focuses on the causes of crime and theories of criminal behavior, including biological, psychological and sociological theories. Students will explore recent developments in criminological theory and current issues in criminology.

Lecture/Lab Hours: Three hours per week.

CRJU 3200 – Criminal Procedure & Evidence

Credit: 3 hours

Prerequisite: Completion of Area F CRJU courses

Description: This course introduces students to the fundamental nature of law, and gives them an overview of the general legal principles and the development of criminal law in the American society. The course will cover the legal aspects of police investigatory practices, criminal procedure, and constitutional cases as they relate to the criminal justice system. Special focus will be on U.S. Supreme Court and lower court cases setting out the requirements for arrest, search and seizure and confessions.

Lecture/Lab Hours: Three hours per week.

CRJU 3210 – Organized Crime

Credit: 3 hours

Prerequisites: Completion of the Area F CRJU courses

Description: The course examines the nature, extent, and social awareness of organized crime. It emphasizes the theoretical explanations of organized crime, and ethnic components of organized crime. It also explores the means being taken to combat crime in the U.S. and abroad.

Lecture/Lab Hours: Three hours per week.

CRJU 3247 – Hip Hop Culture & Crime in America

Credit: 3 hours

Prerequisites: Completion of Area F

Description: This course is a critical approach to examining hip-hop's influence on criminal behavior. This course is designed to examine the historical, political, racial, economic, and social impact of hip hop culture and its effects on crime and the criminal justice system.

Lecture/Lab Hours: Three hours per week.

CRJU 3311 – Police Systems, Practices, and Administration

Credit: 3 hours

Prerequisites: Completion of Area F CRJU courses

Description: This course is a study of the administration of police agencies. It emphasizes the process, role, organization, and management of policing in the United States, and introduces students to the principles of organization, administration, and service in policing. The course will also provide a brief background to police administration in other countries. Students will gain an appreciation of the complex responsibilities associated with the administration of a police organization.

Lecture/Lab Hours: Three hours per week.

CRJU 3315 – The American Judicial System

Credit: 3 hours

Prerequisites: Completion of Area F CRJU courses

Description: This course examines the role of the judiciary in the American Criminal Justice system. It looks at the structure of the courts, and criminal procedure from charging through sentencing and appeal.

Lecture/Lab Hours: Three hours per week.

CRJU 3320 – Juvenile Justice System and Delinquency

Credit: 3 hours

Prerequisites: completion of Area F CRJU courses

Description: This course is a survey and analysis of the nature and extent of juvenile delinquency. Course examines the juvenile justice system and delinquency theories, with a close look at prevention, control, and treatment programs. Course will also review the history and philosophical background of corrections and place special emphasis on both institutional and community-based corrections in the criminal justice system.

Lecture/Lab Hours: Three hours per week.

CRJU 3515 – Comparative Criminal Justice Systems

Credit: 3 hours

Prerequisites: Completion of Area F CRJU courses

Description: A survey of selected international criminal justice systems, including the police, courts, and correctional institutions. Emphasis is placed upon geographical, historical, and cultural perspectives that make the systems unique.

Lecture/Lab Hours: Three hours per week.

CRJU 3520 – Civil Rights and Civil Liberties

Credit: 3 hours

Prerequisites: Completion of Area F CRJU courses

Description: An examination of civil rights and civil liberties in the U.S. The course will analyze the Bill of Rights' guarantees of individual freedom, due process and equal protection interpretations, as well as modern policies flowing from civil rights legislation in areas affecting the criminal justice system.

Lecture/Lab Hours: Three hours per week.

CRJU 4007 – Crime, the Media, & Justice in America

Credit: 3 hours

Prerequisites: Completion of Area F CRJU courses

Description: This course examines the intersection between contemporary issues in criminality and the mass media. The purpose of the course is to examine how the media reflects and shapes popular notions of crime, criminals and justice. Specifically, this course will address ways in which the media distort and exaggerate criminal acts and perpetrators. Further, Media representations of individuals involved in the criminal justice system, including law enforcement, offenders, and victims, will be analyzed.

Lecture/Lab Hours: Three hours per week.

CRJU 4130 / SOCI 4130 – Gender, Ethnicity and Justice

Credit: 3 hours

Prerequisites: SOCI 1101 and SOCI 1160 with a “C” or higher

Description: The course examines the intersection of gender and ethnicity with regard to criminal offending and victimization. Emphasis will be placed on the application of the criminological theory to explain variations in patterns of crime in relation to gender, ethnicity, race and class. In addition, the course will examine the policy implications of the current explanations.

Lecture/Lab Hours: Three hours per week.

CRJU 4147 – Criminal Justice Report Writing

Credit: 3 hours

Prerequisites: Completion of Area “F”

Description: This course introduces students to the preparation of effective report writing in Criminal Justice agencies. Students are required to use basic sentence structure, including proper grammar, and punctuation, while they analyze facts and information from various cases and case studies. Students will also use agency specific vocabulary, and proper formatting as they prepare various reports relative to Corrections, Law Enforcement, Juvenile Justice, Security, and The Courts. The use of “field notes” will also be covered. This is a “Writing Intensive” course.

Lecture/Lab Hours: Three hours per week.

CRJU 4220 / SOCW 4220 – Family Violence and Abuse

Credit: 3 hours

Prerequisites: SOCI 1101 and SOCI 1160 with a “C” or higher

Description: An examination of the causes, consequences, prevalence of domestic violence and abuse, and law enforcement response.

Lecture/Lab Hours: Three hours per week.

CRJU 4310 – White Collar and Cyber Crime

Credit: 3 hours

Prerequisites: Completion of Area F CRJU courses

Description: This course is designed to introduce students to the various types of crimes committed by corporations, government organizations, and individuals in positions of trust and responsibility. The course also examines the expanding evolution of white collar crime through computers and cyberspace and looks at legal issues in cyberspace.

Lecture/Lab Hours: Three hours per week.

CRJU 4350 – Corrections and Community-based Policing

Credit: 3 hours

Prerequisites: Completion of Area F CRJU courses

Description: The course covers the dual themes of problem solving and community/police collaboration and partnerships. A historical and philosophical perspective is presented with practical strategies to implement community policing.

Lecture/Lab Hours: Three hours per week.

CRJU 4351 – Police Community Relations

Credit: 3 hours

Prerequisites: Completion of all area “F” Courses

Description: The course provides an understanding of the complex factors involved in human relations between the community and law enforcement officers. The police role and the nature, meaning, and implications of professionalism in policing are explored, in order to provide a better understanding of the necessity for a successful police-citizen partnership.

Lecture/Lab Hours: Three hours per week.

CRJU 4410 – Contemporary Issues in Corrections

Credit: 3 hours

Prerequisites: Completion of Area “F”

Description: This course will provide the student with an understanding of the evolution of the U.S. Corrections system, specifically the antecedents of modern corrections, the operation and administration of corrections facilities. Emphasis will be

placed on contemporary issues and trends relative to administration and management, as well as the purpose and structure of “alternative” or “community” corrections. Topics include probation, parole, community service, work-release programs, boot camps, electronic monitoring, house arrest, effectiveness of alternative punishments and their growing role in American corrections.

Lecture/Lab Hours: Three hours per week.

CRJU 4500 – Ecology of Crime

Credit: 3 hours

Prerequisites: Completion of Area F CRJU courses

Description: This course will focus on integrating ecological factors influencing opportunities for crime. Emphasis is placed on the distribution of crime in rural and urban settings.

Lecture/Lab Hours: Three hours per week.

CRJU 4507 – Homeland Security

Credit: 3 hours

Prerequisites: Completion of Area F

Description: This course will provide students with the vocabulary, important components, agencies and historical events associated with Homeland Security. Students will explore various state, national, and international laws and investigative efforts that address and combat Homeland Security issues. Students will also examine various threats posed by natural and man-made disasters, as well as domestic and international terrorist groups that disrupt the safety and security of the United States of America.

Lecture/Lab Hours: Three hours per week

CRJU 4550 – Terrorism

Credit: 3 hours

Prerequisites: Completion of Area F CRJU courses

Description: The course provides students with an opportunity to explore the phenomenon of terrorism by examining the political nature, and the theoretical underpinnings of domestic and international terrorism, along with the criminal justice response to homeland security.

Lecture/Lab Hours: Three hours per week.

CRJU 4930 – Criminal Justice Internship/Capstone

Credit: 3 hours

Prerequisite: Approval of Instructor/advisor

Description: A field experience course in which a student integrates and applies knowledge from the critical core and related courses to the student’s internship/field experience.

Lecture/Lab Hours: Three hours per week.

CRWR 1007 – Perspectives on Imaginative Writing

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communications through an introduction to perspectives on imaginative writing. This course contains an online Critical Thinking and Oral Communications (CTOC) component. In addition, traditional classroom work will include readings from authors as well as essays and interviews on the writing process. The course offers an opportunity for students to apply critical thinking skills to the study of creative works, the inspiration for them, their formation, and their structure, and to gain experience in developing and presenting original arguments in oral forms.

Lecture/Lab Hours: Four hours per week.

CRWR 2105 – Introduction to Creative Writing

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This introduction to the problems and processes of writing poetry and short fiction emphasizes individual manuscripts in a workshop setting. Students will critique their classmates’ work, and analyze the work of established writers.

Lecture/Lab Hours: Three hours per week.

CRWR 3040 – Intermediate Fiction Writing

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H and at least a "B" in CRWR 2105

Description: A study of narrative technique in the contemporary short story. Students will examine the short story using models from classic and/or contemporary fiction writers, and they will produce their own work. In workshop format, they will critique each other's prose in class.

Lecture/Lab Hours: Three hours per week.

CRWR 3050 – Intermediate Poetry Writing

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H and at least a "B" in CRWR 2105

Description: This course will develop beyond the introductory level the student's ability to write lyric poems, with an emphasis on diction, imagery, the line, and the stanza.

Lecture/Lab Hours: Three hours per week.

CRWR 3700 – Creative Non-fiction

Credit: 3 hours

Prerequisites: At least a "B" in CRWR 2105

Description: CRWR 3700 is a workshop in the various genres of creative nonfiction, examples of which may include the memoir, new journalism, nature writing, and literary travel writing. Students will build on the writing techniques they learned in CRWR 2105 and will produce and critique their own creative work in class.

Lecture/Lab Hours: Three hours per week.

CRWR 3800 – Playwriting

Credit: 3 hours

Prerequisites: At least a "B" in CRWR 2105

Description: This course is an introduction to the craft of playwriting. The approach will include analysis of works of significant playwrights and a creative writing curriculum where the student demonstrates the process of the playwriting through the creation of short plays.

Lecture/Lab Hours: Three hours per week.

CRWR 4040 – Advanced Fiction Writing

Credit: 3 hours

Prerequisites: At least a "B" in CRWR 3040

Description: CRWR 4040 is an intense workshop in the narrative technique of the contemporary short story. Students will build on what they learned in CRWR 3040 and will produce and critique their own creative work in class.

Lecture/Lab Hours: Three hours per week.

CRWR 4050 – Advanced Poetry Writing

Credit: 3 hours

Prerequisites: At least a "B" in CRWR 3050

Description: This course will further develop the student's ability to write lyric poems, with an emphasis on diction, imagery, the line, the stanza, and the use of traditional forms like the sonnet, the sestina, the villanelle, and the ghazal.

Lecture/Lab Hours: Three hours per week.

CRWR 4440 (NMAC 4440) – Screenwriting

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This is an upper division new media course with an emphasis on writing for film. Each student will create one short film script and one feature length screenplay. Students will learn about dramatic principles and storytelling approaches.

Lecture/Lab Hours: Three hours per week.

CSCI 1000 – Computer Theory and Application

Credit: 3 hours

Prerequisites: N/A

Description: An introductory computer theory and application course with coverage of such topics as computer terminology, word processing, and presentation software. (CSCI course credit valid for three years without departmental approval.)

Lecture/Lab Hours: Three hours per week.

CSCI 1001 – Introduction to Computer Science

Credit: 3 hours

Prerequisites: MATH 1111.

Description: The introduction to the basics of data encoding and computer architecture, the study of operating systems and computer networks, the topics of algorithms, programming languages, and software development, and exploring data structures and databases. (CSCI course credit valid for three years without departmental approval.)

Lecture/Lab Hours: Three hours per week.

CSCI 1101 – Introduction to Visual Basic.NET Programming

Credit: 3 hours

Prerequisites: CSCI 1001 or departmental consent, and MATH 1112.

Description: This is an introductory programming course using the language Visual Basic.NET, a Windows based, object oriented, event driven, graphical, interactive programming environment. The course covers form design, common form tool controls, input-process-output model, arithmetic operations and assignment statements, predefined object methods & functions, decision structures, looping structures, list controls, array and table processing, sub procedures and user-defined functions, and database programming. (CSCI course credit valid for three years without departmental approval.)

Lecture/Lab Hours: Three hours per week.

CSCI 1201 – Introduction to C++ Programming

Credit: 3 hours

Prerequisites: CSCI 1001 or departmental consent, and MATH 1112.

Description: This course is the introduction to fundamental hardware, software, and programming concepts. The course covers basic C++ syntax, data types, expressions, selection structures, repetition structures, functions, arrays, searching/sorting arrays, and Pointers.

Lecture/Lab Hours: Three hours per week.

CSCI 1202 – Object-Oriented Programming in C++

Credit: 3 hours

Description: This course will be the continuation of CSCI 1201. The course focuses on object-oriented programming and advanced data structure. It covers structured data, advanced files and I/O operations, fundamental concepts of classes, inheritance and polymorphism, exceptions, templates, STL, linked lists, stacks and queues, and recursion. (CSCI course credit valid for three years without departmental approval.)

Lecture/Lab Hours: Three hours per week.

CSCI 1301 – Computer Science I

Credit: 3 hours

Prerequisites: At least a "C" in MATH 1111.

Description: This course includes an overview of computers and programming; problem solving and algorithm development; simple data types; arithmetic and logical operators; selection structures; text files; arrays (one and two dimensional); procedural abstraction and software design; modular programming (including subprograms or the equivalent).

Lecture/Lab Hours: Three hours per week.

CSCI 1302 – Computer Science II

Credit: 3 hours

Prerequisites: At least a “C” in CSCI 1301.

Description: The course includes an overview of abstract data types (ADTs); arrays (multi-dimensional) and records; sets and strings; binary files; searching and sorting; introductory algorithm analysis (including Big-O); recursion; pointers and linked lists; software engineering concepts; dynamic data structures (stacks, queues, trees).

Lecture/Lab Hours: Three hours per week.

ECON 1101 – Survey of Economics

Credit: 3 hours

Description: This course introduces basic concepts of microeconomics and macroeconomics including an analysis of the production of distribution of goods and services in our economic system. Microeconomics topics include supply and demand, optimizing behavior of consumers and producers, market structures and performance, and effects of government intervention. Macroeconomics topics include measuring and explaining aggregate economic activity, monetary economics, fiscal and monetary policies, and international trade. Students majoring in business cannot receive credit for both ECON 1101 and ECON 2105/2106.

Lecture/Lab Hours: Three hours per week.

ECON 2105 – Principles of Macroeconomics

Credit: 3 hours

Prerequisites: Area A Math

Description: This principles of economics course is intended to introduce students to concepts that will enable them to understand and analyze economic aggregates and evaluate economic policies.

Lecture/Lab Hours: Three hours per week.

ECON 2105H – Honors Principles of Macroeconomics

Credit: 3 hours

Prerequisites: Admission to the Honors Program and an Area A Math

Description: This is an honors course in principles of economics intended to introduce students to concepts that will enable them to understand and analyze economic aggregates and evaluate economic policies.

Lecture/Lab Hours: Three hours per week.

ECON 2106 – Principles of Microeconomics

Credit: 3 hours

Prerequisites: Area A Math

Description: This principles of economics course is intended to introduce students to concepts that will enable them to understand and analyze structure and performance of the market economy.

Lecture/Lab Hours: Three hours per week.

ECON 2106H – Honors Principles of Microeconomics

Credit: 3 hours

Prerequisites: Admission to the Honors Program and an Area A Math

Description: This is an honors course in principles of economics intended to introduce students to concepts that will enable them to understand and analyze structure and performance of the market economy.

Lecture/Lab Hours: Three hours per week.

ECON 3105 – Money, Banking, and Financial Markets

Credit: 3 hours

Prerequisites: ECON 2105 or ECON 2105H and ECON 2106 or ECON 2106H

Description: This course is a study of monetary and financial instruments, institutions, and markets from the perspective of theory, practice, and policy. Topics include the types and functions of money, financial markets, financial and banking systems, the Federal Reserve System, and monetary theory.

Lecture/Lab Hours: Three hours per week.

ECON 3106 – Managerial Economics

Credit: 3 hours

Prerequisites: ECON 2105 or ECON 2105H and ECON 2106 or ECON 2106H

Description: Managerial Economics deals with the study and application of decision making in business and managerial environments. The student will develop an understanding of intermediate microeconomic theory and learn to use economic reasoning in a prescriptive manner.

Lecture/Lab Hours: Three hours per week.

ECON 3175 – International Economics

Credit: 3 hours

Prerequisites: ECON 2105 and ECON 2106

Description: This is an analysis of fundamental economic principles, institutions, and governmental policies that determine the economic relations between nations under conditions of increasing global interdependence.

Lecture/Lab Hours: Three hours per week.

ECON 4505 – Special Topics

Credit: 1 - 3 hours

Prerequisites: Approval of School Dean

Description: This is a customized course under the direction of a faculty sponsor that meets special needs of students and/or the community. It is designed to offer students an opportunity to study at a level or on topics not covered in regularly scheduled courses.

Lecture/Lab Hours: Three hours per week.

ECSE 3200 – The Art of Language and Literature

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track, Pass Check Points 1, 2 & 3 and hold a valid Pre-Service Certificate

Description: In this course, students will study and apply pedagogical knowledge and content skills in various areas of language arts and children's literature. Topics will include spelling, handwriting, grammar, and the writing process. Students will examine various types of children's literature to support cognitive, social, psychological, ethical, and language development. This course includes an extensive field component and the use of technology is required. This course is aligned with state and national standards.

ECSE 3400 – Technology in the Classroom

Credit: 2 hour

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track and hold a valid Pre-Service Certificate

Description: Teacher candidates will be introduced to emerging instructional technology and become proficient in the use of technology and media equipment available for P-5 classrooms. They will also design computer-mediated instruction and assessment strategies using World Wide Web resources, selected software programs and other technologies to enhance the learning of all students. Candidates will be introduced to LiveText and begin production of their on-line portfolios. This course fulfills requirements of the Georgia Technology Standards for Educators.

Lecture/Lab Hours: Two hours per week.

ECSE 3410 – Development of the Whole Child

Credit: 3 hours

Prerequisites: : Formal acceptance into the Bachelor of Science in Early Childhood Special Education track and hold a valid Pre-Service Certificate

Description: This course will engage students in the principles of child growth and development from toddler-hood through middle-childhood. The course will cover the major theories, principles, and research concerning the physical, psychological, intellectual, emotional, and social aspects of development in children including typical and atypical developmental expectations. The class will focus on brain development and its relation to learning, cognitive and language development, the developmental trajectory of academic skills, and the impact of environmental factors (e.g., parenting, drug interactions, and poverty). In addition, the course will also cover basic research designs and methods for studying and observing children within this age range. Observation experiences of children and the use of technology are required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours per week.

ECSE 3430 – Literacy Acquisition

Credit: 4 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track and hold a valid Pre-Service Certificate

Description: In this course, students will develop an understanding of reading acquisition based on recent research. Students will focus on learning experiences needed to acquire fundamental reading skills. The class will address theory, research, and application of specific procedures for designing and delivering reading instruction to all P-5 students, including those with exceptionalities. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Four hours per week.

ECSE 3444 – Professional Roles and Teaching Practices I

Credit: 2 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track and hold a valid Pre-Service Certificate.

Description: In this semester long course, pre-service teacher candidates will become familiar with the school environment, working with students and parents, and collaborating with other professionals in the school setting. Pre-service teacher candidates will work in P-5 classrooms assisting the teacher and P-5 students with instructional routines. In collaboration with their collaborating teachers, university supervisors, and course professors, pre-service teacher candidates will work to design and implement instructional projects that unite theory and practice in the P-5 classrooms. Pre-service teacher candidates will also attend regularly scheduled seminars on related topics throughout the semester. The use of technology is required. This course is aligned with state and national standards.

Note: This semester long experience requires pre-service teacher candidates to engage in a minimum of 120 hours in a P-5 school setting; while these hours are of utmost importance, the most critical component of this placement is the hands-on learning opportunity that occurs over the course of the semester.

Lecture/Lab Hours: Two hours per week

ECSE 3447 – Professional Roles and Teaching Practices A

Credit: 2 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education Evening track, Pass Checkpoint 3 and hold a valid Pre-Service Certificate

Description: This course is designed for Early Childhood Special Education Evening Track candidates. In this semester long course, pre-service teacher candidates will become familiar with the school environment, working with students and parents, and collaborating with other professionals in the school setting. Candidates will work in P-5 classrooms assisting the teacher and P-5 students with instructional routines. In collaboration with their collaborating teachers, university supervisors, and course professors, pre-service teacher candidates will work to design and implement instructional projects that unite theory and practice in the P-5 classrooms. Candidates will also attend regularly scheduled seminars on related topics throughout the semester. The use of technology is required. This course is aligned with state and national standards.

NOTE: This semester long experience requires pre-service teacher candidates to engage in a minimum of 150 hours in P-5 school setting while these hours are of utmost importance, the most critical component of this placement is the hands-on learning opportunity that occurs over the course of the semester.

Lecture/Lab Hours: Two hours per week.

Note: Full time employed paraprofessionals must spend a minimum of 9 hours/per week for 17 weeks in a P-5 school setting. Of the 153 hours, 68 hours outside of the current classroom assignment is required. If not employed as a paraprofessional, a minimum of one 9 hour day/per week for 17 weeks in a P-5 school setting is required.

ECSE 3520 – Organizing an Effective Learning Environment

Credit: 2 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track, pass Check Point 1 and hold a valid Pre-Service Certificate

Description: In this course, teacher candidates learn how to design and organize classroom settings for effective learning. An emphasis will be on the planning and demonstration of effective management skills in diverse school settings. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Two hours per week.

ECSE 3530 – Literacy Assessment and Intervention Strategies

Credit: 4 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track, pass Check Point 1 and hold a valid Pre-Service Certificate

Description: This course is designed to provide teacher education candidates with an understanding of research-based literacy development assessment procedures and intervention strategies. Teacher candidates will gather and interpret assessment information for making instructional decisions. An intensive field experience in a diverse setting, focusing on elementary and upper elementary development of reading instruction is included as part of this course. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Four hours per week.

ECSE 3540 – Educational Assessment for Learning

Credit: 4 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track, Pass Check Point 1 and hold a valid Pre-Service Certificate

Description: In this course, teacher education candidates will design, select, administer and interpret classroom assessments for learning. Candidates will also learn to use assessment results to make instructional decisions, including plans for differentiation, plan instructional activities, and develop appropriate grading practices. Candidates will learn to identify and interpret results from standardized and criterion reference tests used in assessing children for educational placement and instruction. Particular focus will be upon communication of results to students, parents, and other educators. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Four hours per week.

ECSE 3555 – Professional Roles and Teaching Practices II

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track, Pass Check Point 1 and hold a valid Pre-Service Certificate.

Description: In this semester long course, pre-service teacher candidates will become more engaged in the school environment, continuing to work with the teacher, students and parents, and other professionals. Pre-service teacher candidates will work in P-5 classrooms planning and implementing instruction and designing assessments based on the current required standards. Pre-service teacher candidates will also attend regularly scheduled seminars on related topics throughout the semester. The use of technology is required. This course is aligned with state and national standards.

Note: This semester long experience requires pre-service candidates to engage in a minimum of 180 hours in a P-5 school setting; while these hours are of utmost importance, the most critical component of this placement is the hands-on learning opportunity that occurs over the course of the semester.

Lecture/Lab Hours: Three hours per week.

ECSE 3558 – Professional Roles and Teaching Practices B

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education Evening track, Pass Checkpoint 4 and hold a valid Pre-Service Certificate

Description: This course is designed for Early Childhood Special Education Evening Track candidates. In this semester long course, pre-service teacher candidates will become more engaged in the school environment, continuing to work with the teacher, students and parents, and other professionals. Candidates will also regularly attend scheduled seminars on related topics. Use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours per week.

Note: Full-time employed paraprofessionals must spend a minimum of 9 hours/per week for 17 weeks in a P-5 school setting. Of the 153 hours, 68 hours outside of the current classroom assignment is required. If not employed as a paraprofessional, a minimum of one 9 hour day/per week for 17 weeks in a P-5 school setting is required.

ECSE 3800 – Social Studies: Designing Interdisciplinary Curriculum

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track, pass Check Points 1 & 2 and hold a valid Pre-Service Certificate

Description: In this course, students will develop and implement integrated social studies units which include music, art, drama, and physical education. Candidates will study contemporary research in multi-sensory integration to discover the increased success of P-5 students' academic participation and motivation. This course includes an extensive field component in a diverse setting and the use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours per week.

ECSE 4200 – Mathematics Teaching & Curriculum in Grades Pre-K-5

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track, Pass Check Points 1 & 2 and hold a valid Pre-Service Certificate

Description: This course will focus on the role of mathematics in the education of early childhood students, with emphasis on: the understanding of curriculum content; current trends in teaching; use of appropriate teaching materials; and planning for and evaluating instruction. Methods of instruction will be explored that enable prospective teachers to act as facilitators in the classroom and gain an understanding of how children learn mathematics. Candidates will learn techniques, including the integration of technology, for designing and implementing mathematics lessons that develop knowledge and skills in mathematical concepts, computations, reasoning, and problem solving. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours per week.

ECSE 4430 – Content Area Literacy

Credit: 2 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track, pass Check Points 1, 2, 3 & 4 and hold a valid Pre-Service Certificate

Description: In this course, teacher candidates will develop an understanding of reading strategies that can be utilized in the academic content areas. Teacher candidates will explore learning environments that promote effective reading and learning with a particular focus on specific skills and strategies to become more effective readers and independent learners. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Two hours per week.

ECSE 4477 – Clinical Practice I

Credit: 4 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track, Pass Check Points 1, 2 & 3 and hold a valid Pre-Service Certificate.

Description: In this semester long course, pre-service teacher candidates will become more engaged in the school environment, continuing to work with the teacher, students and parents, and other professionals. Pre-service teacher candidates will work in general education P-5 classrooms planning and implementing instruction and designing assessments based on the current required standards. Pre-service teacher candidates will also attend regularly scheduled seminars on related topics throughout the semester. The use of technology is required. This course is aligned with state and national standards.

Note: This semester long experience requires pre-service candidates to engage in a minimum of 300 hours in a P-5 school setting; while these hours are of utmost importance, the most critical component of this placement is the hands-on learning opportunity that occurs over the course of the semester.

Lecture/Lab Hours: Four hours per week.

ECSE 4500 – Designing Instruction for All Learners

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track, pass Check Points 1, 2, & 3 and hold a valid Pre-Service Certificate

Description: In this course, teacher candidates will learn effective curriculum methodology and materials utilized in the teaching of all P-5 students in interrelated and inclusion settings. Topics include instructional planning, research based practices, inclusion, collaboration, effective instructional planning, and transition. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours per week.

ECSE 4520 – Positive Behavior Supports

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track, Pass Check Points 1, 2, 3 & 4 and hold a valid Pre-Service Certificate

Description: This course is designed to provide teacher candidates with the knowledge and skills necessary to conduct a functional behavior assessment, develop behavior intervention plans based on results of those assessments, and utilize the principles of positive behavior support. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours per week.

ECSE 4588 – Clinical Practice II

Credit: 4 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track, Pass Check Points 1, 2, 3 & 4 and hold a valid Pre-Service Certificate.

Description: This semester long course is a culminating experience in which pre-service teacher candidates take a lead role as a teacher teaching in the P-5 inclusion classroom. Pre-service teacher candidates will develop and implement lesson plans and instructional units linked to the Common Core standards. Pre-service teacher candidates will be active in the school environment, assuming the role and responsibilities of the classroom teacher. Pre-service teacher candidates will also attend scheduled seminars on related topics throughout the semester. The use of technology is required. This course is aligned with state and national standards.

Note: This semester long experience requires pre-service candidates to engage in a minimum of 300 hours in a P-5 school setting; while these hours are of utmost importance, the most critical component of this placement is the hands-on learning opportunity that occurs over the course of the semester.

Lecture/Lab Hours: Four hours per week.

ECSE 4589 – Clinical Practice

Credit: 8 hours

Prerequisites: acceptance into the Part-time Bachelor of Science in Early Childhood Special Education Track. At least a "C" or better in ECSE 3557

Description: This course is designed for Early Childhood Special Education Part-time candidates. This is a culminating experience in which candidates take a lead role as teacher in the P-5 general education classroom. Candidates will develop and implement lesson plans and instructional units linked to the state standards. Candidates will be active in the school environment, assuming the role of and responsibilities of the classroom teacher. Candidates will also attend scheduled seminars on related topics. Use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Eight hours per week.

EDUC 2110 – Investigating Critical & Contemporary Issues in Education

Credit: 3 hours

Description: This course engages pre-service teacher candidates in observations, interactions, and analyses of critical and contemporary educational issues. Pre-services candidates will investigate issues influencing the social and political contexts of educational settings in Georgia and the United States. Pre-service candidates will actively examine the teaching profession from multiple vantage points both within and outside the school. Against this backdrop, students will reflect on and interpret the meaning of education and schooling in a diverse culture and examine the moral and ethical responsibilities of teaching in a democracy. A 10-hour field component is required.

Lecture/Lab Hours: Three hours per week.

EDUC 2120 – Exploring Socio-Cultural Perspectives on Diversity in Educational Contexts

Credit: 3 hours

Description: Given the rapidly changing demographics in the state and the country, this course is designed to equip future teachers with the fundamental knowledge of understanding culture and teaching children from diverse backgrounds. Specifically, this course is designed to examine 1) the nature and function of culture; 2) the development of individual and group cultural identity; 3) definitions and implications of diversity, and 4) the influences of culture on learning, development, and pedagogy. A 10-hour field component is required.

Lecture/Lab Hours: Three hours per week.

EDUC 2130 – Exploring Learning and Teaching

Credit: 3 hours

Description: Pre-services teacher candidates will explore key aspects of learning and teaching through examining their own learning processes and those of others, with the goal of applying the knowledge to enhance the learning of all students in a variety of educational settings and contexts. A 10-hour field component is required.

Lecture/Lab Hours: Three hours per week.

EDUC 3401 – Exploration into Teaching – A Room with a View

Credit: 1 hour

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track and hold a valid Pre-Service Certificate

Description: This course allows teacher candidates in the secondary education majors with teacher certification to explore teaching as a career. The focus will be to provide candidates with direct exposure to authentic teaching environments with the purpose of viewing teaching as a rewarding career choice. Candidates will be required to observe teachers in high school and/or career centered classrooms for a minimum of 20 hours during the semester. In addition, course content will focus on Lesson Planning, Project-Based Learning, and Blended Learning.

Lecture/Lab Hours: One hour per week.

EDUC 3402 – Making Classroom Connections

Credit: 2 hours

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track, Pass Check Point 1 and hold a valid Pre-Service Certificate

Description: This course allows teacher candidates in the secondary education majors with teacher certification to continue exploring teaching as a career. The focus will be to provide candidates with a first opportunity for microteaching in the Middle Grades environment. The aim is to provide candidates with hands-on opportunities to co-teach using the fundamental quality of

teaching to include: Project-Based Learning, Classroom Management strategies, and Blended Learning techniques. A minimum 20 hours during the semester in a Middle School environment is required.

Lecture/Lab Hours: Two hours per week.

EDUC 3550 – Assessment for Learning

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track, Pass Check Point 3 and hold a valid Pre-Service Certificate

Description: In this course teacher candidates will design, select, and administer assessments for learning. In addition, candidates will learn to use assessment results to make instructional decisions, plan instructional activities, and develop appropriate grading practices. Particular focus will be upon communication of results to students, parents, and other educators. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours per week.

EDUC 3600 – Teaching and Learning in Secondary Mathematics Environments

Credit: 4 hours

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track, Pass Check Point 3 and hold a valid Pre-Service Certificate

Description: Teacher candidates will know and apply mathematical pedagogical knowledge grounded in research-based literature in the design, implementation, and evaluation of mathematics instruction across secondary grades environments through field experiences in 6-12 grade settings. Particular focus will include the adaptation of technology to accommodate diverse learners in mixed ability classrooms: interactive board, graphing calculator, student response systems, and Web Quest.

Lecture/Lab Hours: Four hours per week.

EDUC 3602 – Internship in Secondary School Mathematics

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track, Pass Check Point 3 and hold a valid Pre-Service Certificate

Description: This course provides a field-based internship in diverse settings, focusing on secondary mathematics instruction including planning instruction as mandated by State curriculum for secondary mathematics, implementing a variety of research-based instructional strategies including the effective use of technology and developing assessments for student learning through field experiences in 6-12 grade settings. Note: A minimum of 250 hours in a school setting is required.

Lecture/Lab Hours: Three hours per week.

EDUC 3700 – Teaching/Learning in Secondary Science Environments

Credit: 4 hours

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track, Pass Check Point 3 and hold a valid Pre-Service Certificate

Description: Teacher candidates will understand and apply biology pedagogical knowledge grounded in research-based literature in the design, implementation, and evaluation of biology instruction through field experiences in 6-12 grade settings. Particular focus will include the adaptation of technology to accommodate diverse learners in mixed ability classrooms: interactive board, student response systems, probeware, online lab simulations.

Lecture/Lab Hours: Four hours per week.

EDUC 3702 – Internship in Secondary Biology

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track, Pass Check Point 3 and hold a valid Pre-Service Certificate

Description: This course provides a field-based internship in diverse settings, focusing on biology instruction, including planning instruction as mandated by State curriculum for secondary biology, implementing a variety of research-based instructional strategies including the effective use of technology and developing assessments for student learning through field experiences in 6-12 grade settings. Note: A minimum of 250 hours in a school setting is required.

Lecture/Lab Hours: Three hours per week.

EDUC 3802 – Teaching and Learning in Secondary English Environments

Credit: 4 hours

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track, Pass Check Point 3 and hold a valid Pre-Service Certificate

Description: Teacher candidates will study and apply English/Language and pedagogical knowledge grounded in research-based literature in the design, implementation, and evaluation of English/Language Arts instruction to meet the diverse needs of learners across secondary grades environments through field experiences in 6-12 grade settings. Particular focus will include the adaptation of technology to accommodate diverse learners in mixed ability classrooms: interactive board, student response systems, and Web Quest.

Lecture/Lab Hours: Four hours per week.

EDUC 3900 – Teaching and Learning in Secondary History Environments

Credit: 4 hours

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track, Pass Check Point 3 and hold a valid Pre-Service Certificate

Description: Teacher candidates will learn to understand and apply pedagogical knowledge grounded in research-based literature in the design, implementation, and evaluation of history instruction to meet the diverse needs of learners across secondary grades environments through field experiences in 6-12 grade settings. Particular focus will be include the adaptation of technology to accommodate diverse learners in mixed ability classrooms; interactive board, student response systems, and Web Quest.

Lecture/Lab Hours: Four hours per week.

EDUC 3902 – Internship in Secondary School History

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track, Pass Check Point 4 and hold a valid Pre-Service Certificate

Description: This course provides a field-based internship in diverse settings, focusing on history instruction including planning instructions mandated by State curriculum for secondary history, implementing a variety of research-based instructional strategies including the effective use of technology and developing assessments for student learning through field experiences in 6-12 grade settings.

Note: A minimum of 250 hours in a school setting is required.

Lecture/Lab Hours: Three hours per week.

EDUC 4300 – Intensive edTPA Retake

Credit: 3 hours

Prerequisites: Permission of the Dean of the School of Education and hold a valid Pre-Service Certificate

Description: This field-based course is a supervised clinical experience in an approved instructional setting. edTPA Retake will offer teacher candidates additional opportunities to practice and refine teaching skills and for faculty and teacher candidates to engage in reflective dialogue about teacher candidate strengths, as well as areas for improvement. Additionally, edTPA Retake allows teacher candidates to continue to analyze and reflect on teaching effectiveness and apply what they have learned in their preparation programs.

Note: All artifacts and commentaries included in a retake must reflect new planning, instructing and/or assessing for student learning, and must not have been previously submitted to edTPA. Revised or edited versions of previously submitted artifacts and commentaries may not be submitted with one exception – when retaking any portion of edTPA, if the teacher candidate can teach the same group of students, the same context information about that group of students may be resubmitted. (SCALE, 2013, p. 1) A faculty member will maintain close supervision of undergraduate teacher candidate during the clinical experience.

Lecture/Lab hours: Three hours per week.

EDUC 4604 – Student Teaching in Secondary School Mathematics

Credit: 8 hours

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track, pass Check Point 4 and hold a valid Pre-Service Certificate

Description: This course is designed to give students a capstone experience in a secondary mathematics setting.

NOTE: A minimum of 600 hours in a school setting is required.

Lecture/Lab Hours: Eight hours per week.

EDUC 4704 – Student Teaching Secondary Biology

Credit: 8 hours

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track, Pass Check Point 4 and hold a valid Pre-Service Certificate

Description: This course is designed to give students a capstone experience in a secondary setting. A minimum of 600 hours in a secondary school setting is required.

Lecture/Lab Hours: Eight hours per week.

EDUC 4803 – Internship in Secondary School English

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track, Pass Check Point 3 and hold a valid Pre-Service Certificate

Description: This course provides a field-based internship in diverse settings, focusing on English/Language Arts instruction including planning instruction as mandated by State curriculum for secondary English, implementing a variety of research-based instructional strategies including the effective use of technology and developing assessments for student learning through experiences in 6-12 grade settings.

Note: A minimum of 250 hours in a school setting is required.

Lecture/Lab Hours: Three hours per week.

EDUC 4804 – Student Teach in Secondary School English

Credit: 8 hours

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track, Pass Check Point 4 and hold a valid Pre-Service Certificate

Description: This course is designed to give students a capstone experience in a secondary English setting. A minimum of 600 hours in a secondary school setting is required.

Lecture/Lab Hours: 8 hours per week.

EDUC 4904 – Student Teach in Secondary School History

Credit: 8 hours

Prerequisites: Formal acceptance into the Bachelor of Science or Arts Teacher Certification Track, Pass Check Point 4 and hold a valid Pre-Service Certificate

Description: This course is designed to give students a capstone experience in a secondary history setting. A minimum of 600 hours in a secondary school setting is required.

Lecture/Lab Hours: Eight hours per week.

ENGL 0989 – Foundations for English Composition

Credit: 4 hours

Prerequisites: Placement scores or permission of instructor

Description: This is a course in basic grammar, punctuation, usage, mechanics, and their application in writing effective sentences and paragraphs and is designed for students who are placed by entrance test scores. Satisfactory completion of this course prepares the student for enrollment in a co-requisite ENGL 0999 and ENGL 1101 or ENGL 0997 and ENGL 1101.

Lecture/Lab Hours: Four hours per week.

ENGL 0997 – Support for English Composition for International Students

Credit: 2 hours

Prerequisites: Placement scores, successful completion of ENGL 0989, or permission of instructor

Co-requisites: ENGL 1101

Description: This is a course in grammar, usage, mechanics, rhetorical modes, and their application in writing effective paragraphs and essays. This course is designed for students who, based on placement scores, are eligible for enrollment in both a co-requisite support course and ENGL 1101. This course is especially geared to help international students whose native language is not English master the content of English 1101. Satisfactory placement test scores or successful completion of ENGL 0989 is required prior to admission to this course.

Lecture/Lab Hours: Two hours per week.

ENGL 0999 – Support for English Composition

Credit: 2 hours

Prerequisites: Placement scores, successful completion of ENGL 0989, or permission of instructor

Co-requisites: ENGL 1101

Description: This is a course in grammar, usage, mechanics, rhetorical modes, and their application in writing effective paragraphs and essays and is designed for students who, based on placement scores, are eligible for enrollment in both a co-requisite support course and ENGL 1101. This course is geared to help students master the content of English 1101. Satisfactory placement test score or successful completion of ENGL 0989 is required prior to admission to this course.

Lecture/Lab Hours: Two hours per week.

ENGL 1101 – English Composition I

Credit: 3 hours

Description: This is a composition course focusing on skills required for effective writing in a variety of contexts, with emphasis on exposition, analysis, and argumentation, and also including introductory use of a variety of research skills. Satisfactory placement test score or successful completion of Learning Support English and Reading is required prior to admission to this course.

Lecture/Lab Hours: Three hours per week.

ENGL 1102 – English Composition II

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1101

Description: This is a composition course that develops writing skills beyond the level of proficiency required by ENGL 1101, that emphasizes interpretation and evaluation based on an introduction to fiction, drama, and poetry, and that incorporates a variety of more advanced research methods. An oral communication component may also be required.

Lecture/Lab Hours: Three hours per week.

ENGL 1102H – Honors English Composition II

Credit: 3 hours

Prerequisites: At least a "B" in ENGL 1101 and admission to the Honors Program

Description: This is an honors composition course that develops writing skills beyond the level of proficiency required by ENGL 1101, that emphasizes interpretation and evaluation based on an introduction to fiction, drama, and poetry, and that incorporates a variety of more advanced research methods. An oral communication component may also be required. This course is for the superior student, and admission is by invitation of the English faculty to selected students who have been admitted to the Honors Program.

Lecture/Lab Hours: Three hours per week.

ENGL 2111 – World Literature I

Credit: 3 hours

Prerequisites: ENGL 1102

Description: This is a survey of important works of world literature from the beginning through the 17th century.

Lecture/Lab Hours: Three hours per week.

ENGL 2111H – HONORS World Literature I

Credit: 3 hours

Prerequisites: ENGL 1102 or ENGL 1102H and admission to the Honors Program

Description: This is a study of world literature from ancient times through mid-seventeenth century. Special emphasis will be placed on understanding the historical and cultural context behind the texts examined. Required is a substantial end-of-semester research project on an appropriate topic. This course is for the superior student, and admission is by invitation of the Honors Program.

Lecture/Lab Hours: Three hours per week.

ENGL 2112 – World Literature II

Credit: 3 hours

Prerequisites: ENGL 1102

Description: This is a survey of important works of world literature from the mid-seventeenth century to the present.

Lecture/Lab Hours: Three hours per week.

ENGL 2121 – British Literature I

Credit: 3 hours

Prerequisites: ENGL 1102

Description: This is a survey of important works of British literature from the Old English period through the neoclassical age.

Lecture/Lab Hours: Three hours per week.

ENGL 2122 – British Literature II

Credit: 3 hours

Prerequisites: ENGL 1102

Description: This is a survey of important works of British literature from the Romantic era to the present.

Lecture/Lab Hours: Three hours per week.

ENGL 2131 – American Literature I

Credit: 3 hours

Prerequisites: ENGL 1102

Description: This is a study of American literature from its beginning to the Civil War.

Lecture/Lab Hours: Three hours per week.

ENGL 2131H – Honors American Literature I

Credit: 3 hours

Prerequisites: ENGL 1102 or ENGL 1102H and admission to the Honors Program

Description: This is a study of American literature from the beginning to the Civil War. Special emphasis will be placed on understanding the historical and cultural context behind the texts examined. Required is a substantial end-of-semester research project on an appropriate topic. This course is for the superior student, and admission is by invitation of the Honors Program.

Lecture/Lab Hours: Three hours per week.

ENGL 2132 – American Literature II

Credit: 3 hours

Prerequisites: ENGL 1102

Description: This is a study of American literature from the Civil War to the present.

Lecture/Lab Hours: Three hours per week.

ENGL 2132H – Honors American Literature II

Credit: 3 hours

Prerequisites: ENGL 1102 or ENGL 1102H and admission to the Honors Program

Description: This is a study of American literature from the Civil War to the present. Special emphasis will be placed on understanding the historical and cultural context behind the texts examined. Required is an end-of-semester research project on an appropriate topic. This course is for the superior student, and admission is by invitation of the Honors Program.

Lecture/Lab Hours: Three hours per week.

ENGL 2141 – African American Literature I

Credit: 3 hours

Prerequisites: ENGL 1102

Description: The course is designed to introduce students to various forms of literature from the Black Experience. The course will survey ideas and themes in writings, music, and film from the 1700s to the 1920s.

Lecture/Lab Hours: Three hours per week.

ENGL 2142 – African American Literature II

Credit: 3 hours

Prerequisites: ENGL 1102

Description: This is a survey of important African American literature from 1920 to the present.

Lecture/Lab Hours: Three hours per week.

ENGL 2208 – Technical Communication

Credit: 3 hours

Description: This course is an introduction to technical writing including memoranda, formal reports, and proposals. Oral presentation and hypermedia production components may be required.

Lecture/Lab Hours: Three hours per week.

ENGL 2999 – Special Topics in Literature

Credit: 3 hours

Prerequisites: ENGL 1102

Description: This course focuses on a specific theme, culture, or genre from a literary perspective. Topics will be announced when the course is offered. May not be repeated for credit.

Lecture/Lab Hours: Three hours per week.

ENGL 3000 – History of Linguistics

Credit: 3 hours

Prerequisites: At least a C in ENGL 3010

Description: Survey of the origins of language study in the ancient world and from the seventeenth century in Europe; concentration on the development of linguistics and linguistic theory from the late nineteenth century to the present. Focus on generative-transformational grammar and alternatives of the late twentieth and early twenty-first centuries.

Lecture/Lab Hours: Three hours per week

ENGL 3010 – Introduction to Literary Studies

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102 or ENGL 1102H

Description: This is a survey of modern literary criticism. Students will conduct literary research, read and interpret literary texts, and write literary criticism.

Lecture/Lab Hours: Three hours per week.

ENGL 3020 – Introduction to Composition Studies

Credit: 3 hours

Prerequisites or Co-requisites: At least a "C" in ENGL 3010

Description: This is a study of how to apply theory to the teaching of composition. In this course, students devise assignments, conduct class sessions, write essays, and respond to academic writing.

Lecture/Lab Hours: Three hours per week.

ENGL 3100 – Old English Language and Culture

Credit: 3 hours

Prerequisites or Co-requisites: At least a "C" in ENGL 3010

Description: This course is an introduction to Old English, the Germanic language spoken by Anglo-Saxons in Britain, and its literature from 449 to 1100. It is designed to give English majors exposure to the language that influenced numerous poets and writers in England from Shakespeare and Milton to T.S. Eliot, Ezra Pound, and Seamus Heaney. In this course, we will study Old English grammar and translate Old English prose and poetry. To place translation activities within the larger context of culture, we will work with various forms of media to study medieval imagination as revealed in illuminated manuscripts, archaeology, music, and writing.

Lecture/Lab Hours: Three hours per week.

ENGL 3106 – Professional Writing and Communication

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102; at least a "C" in ITEC 2201

Description: The course emphasizes the importance of effective communication in the workplace. Students will learn and demonstrate skills through written and oral exercises, assignments, and projects, such as letters, memos, and reports.

Lecture/Lab Hours: Three hours per week.

ENGL 3110 – Middle English Language and Culture

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of English literature from approximately 1100 through 1485, including a study of medieval phonology, morphology, and syntax. Writers covered include such masters of Middle English literature of the fourteenth century as William Langland, the "Pearl Poet," the female mystics, and Thomas Malory.

Lecture/Lab Hours: Three hours per week

ENGL 3120 – Myth and Folklore for Literary Studies

Credit: 3 hours

Prerequisites: At least a C in ENGL 3010

Description: This course exposes students to the mythology and folklore informing English literature. Topics may include Greek, Norse, and Celtic mythology, Biblical texts, and European folktales.

Lecture/Lab Hours: Three hours per week.

ENGL 3130 – Studies in Short Fiction

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of the development of the short story as a distinct literary form, examining the aesthetic, philosophical, and social concerns that inform selected works from the nineteenth and twentieth centuries. The course may focus on representative American, British, and/or non-Western short stories.

Lecture/Lab Hours: Three hours per week.

ENGL 3140 – American Realism and Naturalism

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of selected works in American Realism and Naturalism. The historical and cultural context giving rise to Realism and Naturalism as literary movements in America will be addressed.

Lecture/Lab Hours: 3 hours per week.

ENGL 3200 – Chaucer

Credit: 3 hours

Prerequisites or Co-requisites: At least a "C" in ENGL 3010

Description: This is a study of Chaucer's two masterpieces, *The Canterbury Tales* and *Criseyde*, and minor poetry. This course includes an in-depth study of Chaucer's culture, context, and language.

Lecture/Lab Hours: Three hours per week.

ENGL 3300 – Literature of the English Renaissance

Credit: 3 hours

Pre-/Co-requisites: At least a "C" in ENGL 3010

Description: This is a study of representative literary works from the period 1485-1669. Topics include the rise of the sonnet, the Metaphysical and Neoclassical poetic schools, the growth of English prose, and non-Shakespearean drama.

Lecture/Lab Hours: Three hours per week.

ENGL 3400 – 17th and 18th Century American Poetry and Prose

Credit: 3 hours

Prerequisites or Co-requisites: At least a "C" in ENGL 3010

Description: This is a study of the responses of American novelists, poets, and prose writers to the issues of these centuries, with attention to characteristic themes, genres, and stylistic features.

Lecture/Lab Hours: Three hours per week.

ENGL 3500 – 19th Century American Poetry and Prose

Credit: 3 hours

Prerequisites or Co-requisites: At least a "C" in ENGL 3010

Description: This is a study of the responses of American novelists, poets, and prose writers to the issues of this century, with attention to characteristic themes, genres, and stylistic features.

Lecture/Lab Hours: Three hours per week.

ENGL 3600 – 20th Century American Poetry and Prose

Credit: 3 hours

Prerequisites or Co-requisites: At least a "C" in ENGL 3010

Description: This is a study of the responses of American novelists, poets, and prose writers to the issues of this century, with attention to character, themes, genres, and stylistic features.

Lecture/Lab Hours: Three hours per week.

ENGL 3700 – Studies in the Novel

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of the origins and development of the novel as a distinct literary form, examining the aesthetic, philosophical, and social concerns that inform selected works from the eighteenth, nineteenth, and twentieth centuries. The course focuses on representative American and British novels.

Lecture/Lab Hours: Three hours per week.

ENGL 3800 – Studies in Poetry

Credit: 3 hours

Prerequisites or Co-requisites: At least a "C" in ENGL 3010

Description: This is a study of selected American and British poetry in the context of technological developments, philosophical movements, and literary currents. The course explores the forms and themes of poetry with emphasis on prosody and interpretation.

Lecture/Lab Hours: Three hours per week.

ENGL 3900 – Studies in Modern Drama

Credit: 3 hours

Prerequisites or Co-requisites: At least a "C" in ENGL 3010

Description: This is a study of European and American drama in the nineteenth and twentieth centuries. The course explores the development of drama in its social, political, and psychological contexts.

Lecture/Lab Hours: Three hours per week.

ENGL 3990 – English On-Campus Internship

Credit: 3 hours

Prerequisites: At least a "B" in English 3010 or permission of instructor

Description: This is an on-campus internship designed to provide students with an opportunity to apply their academic training by working in an appropriate position on campus. Arrangements for internships must be made by the student a semester in advance of the internship. The internship must be approved by the Department of English. Note: This course can be taken only once.

Lecture/Lab Hours: Three hours per week.

ENGL 3991 – English Off-Campus Internship

Credit: 3 hours

Prerequisites: At least a “B” in English 3010 or permission of instructor

Description: This is an off-campus internship designed to provide students with an opportunity to apply their academic training by working in an appropriate position with an off-campus organization, business, or firm. Arrangements for internships must be made by the student a semester in advance of the internship. The internship must be approved by the Department of English.

Note: This course can be taken only once.

Lecture/Lab Hours: Three hours per week.

ENGL 3999 – Special Topics

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102 or ENGL 1102H

Description: This is an intensive study of a significant topic in language and literature not otherwise covered in course offerings.

Lecture/Lab Hours: Three hours per week.

ENGL 4000 – Rhetoric

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of the history of rhetoric from Aristotle to the present with emphasis on rhetorical analysis of literature and other forms of discourse.

Lecture/Lab Hours: Three hours per week.

ENGL 4020 – Advanced Grammar

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of current approaches to grammar, including transformational-generative grammar, phonology, morphology, and syntax.

Lecture/Lab Hours: Three hours per week.

ENGL 4030 – Advanced Composition

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is an advanced study of expository and argumentative techniques.

Lecture/Lab Hours: Three hours per week.

ENGL 4100 – Shakespeare

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of selected Shakespearean tragedies, comedies, and history plays illustrating representative themes and literary techniques of the dramatist, as well as his links to contemporary issues of the day.

Lecture/Lab Hours: Three hours per week.

ENGL 4106 – Technical Writing in the Digital Age

Credit: 3 hours

Prerequisites: ENGL 1102

Description: This course provides study of principles and strategies for researching, planning, composing, and revising technical documents in the digital age. This course promotes effective use of language, as well as analysis of purpose and audience across disciplines and workplace environments. Students develop rhetorical and document design strategies to craft succinct and readable documents in a variety of genres and delivery platforms.

Lecture/Lab Hours: Three hours per week.

ENGL 4110 – English Drama 1558-1642

Credit: 3 hours

Prerequisites: At least a C in ENGL 3010

Description: This course enables students to build upon existing knowledge and develop a more complete understanding of British Renaissance drama through the study of plays written by Shakespeare's contemporaries. Students will become familiar with the rise of diverse theatrical institutions, range of dramatic genres, origins and practices of theatrical production, and the role of composition and printing practices.

Lecture/Lab Hours: Three hours per week.

ENGL 4130 – Seventeenth-Century British Poetry and Poetics

Credit: 3 hours

Prerequisites: At least a C in ENGL 3010

Description: This course examines major seventeenth-century poets (excluding Milton), concentrating on their redefinitions of genre and sources and their interaction with major religious and political trends. Poets examined may include such writers as Donne, Herbert, Jonson, Herrick, Marvell, Lanyer, and Vaughn.

Lecture/Lab Hours: Three hours per week.

ENGL 4150 – Studies in Caribbean Literature

Credit: Three hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of Anglophone Caribbean literature, as well as literature in translation from the French- and Spanish-speaking Caribbean regions. The course will introduce theoretical and critical strategies that are offered by intellectuals and practitioners from the different geographical regions of the Caribbean as a context for understanding the literary texts.

Lecture/Lab Hours: Three hours per week.

ENGL 4160 – Studies in African Literature

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of selected topics in areas of literature, performance texts, film and other media produced in Africa. Some emphasis on critical theory from an African perspective will be included in the course offering. Attention will be directed to the social, cultural, political and historical contexts of the work.

Lecture/Lab Hours: Three hours per week.

ENGL 4200 – Milton

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study in Milton's early lyric poetry, *Paradise Lost*, *Samson Agonistes*, *Areopagitica*, and the divorce and monarchy tracts.

Lecture/Lab Hours: Three hours per week.

ENGL 4300 – 18th Century British Poetry and Prose

Credit: 3 hours

Prerequisites or Co-requisites: At least a "C" in ENGL 3010

Description: This is a study of British poetry and prose from 1690 to 1784, with an emphasis on the philosophic and aesthetic concerns of the age. Authors include but are not limited to Swift, Pope, Johnson, and Fielding.

Lecture/Lab Hours: Three hours per week.

ENGL 4400 – 19th Century British Poetry and Prose

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description:

This is a study of the literary culture of the nineteenth century, including examinations of the works and contexts of the major figures in Romantic and Victorian literature. This course includes an examination of the responses of novelists, poets, and prose writers to the issues of the century.

Lecture/Lab Hours: Three hours per week.

ENGL 4405 – English Romanticism

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This course provides intensive exploration of the characteristic features of British Romanticism established between 1780 and 1832, with attention to such canonical writers as Blake, Wordsworth, Coleridge, Keats, and Percy Shelley, but also including both canonical and lesser known Romantic writings from the period and beyond.

Lecture/Lab Hours: Three hours per week.

ENGL 4410 – Literature for the Adolescent

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a survey of various types of literature that are appropriate for the middle grades. Some attention will also be given to selecting, evaluating, and presenting works.

Lecture/Lab Hours: Three hours per week.

ENGL 4415 – Major Authors Seminar

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This course provides an intensive study of the works of a major canonical writer or related writers of British or American literature, examining a trajectory of development over some portion of the writer's literary output. Major writers include such eminent figures as Mark Twain, Charles Dickens, T.S. Eliot, or Flannery O'Connor, for example. Specific authors for each offering will be published well before registration.

Lecture/Lab Hours: Three hours per week

ENGL 4420 – Modern European Literature in Translation

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of canonical works in post-Renaissance European Literature in translation (exclusive of works written originally in English). The course examines writers of such stature as Goethe, Flaubert, Kafka, Dostoyevsky, Ibsen, Lorca, and Proust.

Lecture/Lab Hours: Three hours per week.

ENGL 4430 – Literature of the Non-Western World

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of literatures outside or at the margin of Western literary traditions.

Lecture/Lab Hours: Three hours per week.

ENGL 4440 – Literature By Women

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of literature written by women within its social, historical, and theoretical contexts. Topics include Renaissance and medieval women writers, nineteenth century novels by women, feminist theory and criticism, and contemporary poetry by women.

Lecture/Lab Hours: Three hours per week.

ENGL 4450 – Literature of the Harlem Renaissance

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of the literature of the Harlem Renaissance in the context of the social, political, and historical issues affecting that literature.

Lecture/Lab Hours: Three hours per week

ENGL 4460 – Southern Literature

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of Southern literature in its distinctive social and aesthetic contexts.

Lecture/Lab Hours: Three hours per week.

ENGL 4470 – Contemporary Literature

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of American fiction and poetry since World War II as it relates to literary traditions and cultural movements.

Lecture/Lab Hours: Three hours per week.

ENGL 4490 – African American Literature

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of African American literature, with emphasis on historical, philosophical, and cultural contexts. Topics include the oral tradition, autobiographies, the Harlem renaissance, and literary criticism and theory.

Lecture/Lab Hours: Three hours per week.

ENGL 4500 – 20th Century British Poetry and Prose

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of works by major figures in modern and contemporary literature. The course examines the responses of novelists, poets, and prose writers to the issues of the century.

Lecture/Lab Hours: Three hours per week.

ENGL 4600 – History of the English Language

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of the English language from its beginnings in the fifth and sixth centuries to its worldwide expansion in the twentieth century. The course examines the chronological development of language from Old to Middle to modern English, including phonetic, syntactic, and lexical changes.

Lecture/Lab Hours: Three hours per week.

ENGL 4700 – Topics in Literary Theory

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010

Description: This is a study of the major currents and models in modern critical and literary theory, their basic concepts, philosophical assumptions, historical and ideological contexts, and applications.

Lecture/Lab Hours: Three hours per week.

ENGL 4900 – Senior Capstone Seminar

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 3010 and 90 or more earned hours

Description: This is a capstone course required of candidates in the traditional track of the B.A. in English. The course engages students in advanced critical analysis, leading to an original research project. Students produce an extended critical essay based on the research and make an oral presentation of their research.

Lecture/Lab Hours: Three hours per week.

ENGR 1001K – Introduction to Engineering

Credit: 3 hours

Co-requisites: MATH 1113 or consent of the instructor.

Description: Students are expected to have basic computer skills. Introduction to the basic skills needed for engineering studies and a technical career, including engineering problem solving, the fields and functions of engineering, and computer applications.

Lecture/Lab hours: Two hours lecture and two hours lab per week.

ENGR 1002 – Engineering Design Graphics

Credit: 3 hours

Prerequisites: Grade of C or better in ENGR 1001K or Departmental approval.

Description: Study of the elements of graphic communication and engineering design, including computer-assisted design, lettering, sketching, orthographic projection, auxiliary views, sections, dimensioning, descriptive geometry, and the engineering design process.

Lecture/Lab: Three hours lecture per week.

ENGR 1100K – Introduction to Computer Engineering

Credit: 3 hours

Co-requisite: ENGR 1001K

Description: Introduction to the fundamental concepts of digital computers and digital computer programming, including the structure of digital systems and digital programming languages.

Lecture/Lab hours: Two hours lecture and three hours lab per week.

ENGR 1091, 1092, 1093, 2091, 2092, 2093 – Cooperative Education Work Experience

Credit : 2 hour

Prerequisites: ENGR 1001K or Departmental consent.

Description: One semester each of full-time employment in an approved cooperative education position.

Lecture/Lab: Variable.

ENGR 2025K – Introduction to Signal Processing

Credit: 4 hours

Prerequisites: MATH 1371

Co-requisites: MATH 1251

Description: This course is an introduction to signal processing for discrete-time and continuous-time signals. Filtering Frequency Response, Fourier Transform, and Z Transform will be discussed. Laboratories will emphasize computer-based signal processing.

Lecture/Lab Hours: Three hours lecture three hours laboratory per week.

ENGR 2040 – Circuit Analysis

Credit: 3 hours

Prerequisites: MATH 2252 and PHYS 2212K

Description: This course is an introduction to basic concepts of circuit elements, circuit models, and techniques for circuit analysis. Time domain analysis, ac circuits, and two-part networks will be discussed.

Lecture/Lab Hours: Three hours lecture per week.

ENGR 2210 – Statics

Credit: 3 hours

Prerequisites: PHYS 1111K or PHYS 2211K

Description: The course covers the elements of statics in two and three dimensions, centroids, analysis of structures and machines, and friction.

Lecture/Lab Hours: Three hours lecture per week.

ENGR 2220 – Dynamics

Credit: 3 hours

Prerequisites: ENGR 2210 and MATH 2252

Description: The course covers kinematics and kinetics of rigid bodies in plane motion.

Lecture/Lab Hours: Three hours lecture per week.

ENGR 2230 – Mechanics of Deformable Bodies

Credit: 3 hours

Prerequisites: ENGR 2210

Description: The course covers the definition of stress and strain, application to axially loaded members, torsion, bending of beams, introduction to simple plasticity, and an introduction to column stability.

Lecture/Lab Hours: Three hours lecture per week.

ENGR 2300 – Principles of Engineering Economy

Credit: 3 hours

Prerequisites: ENGR 1001K (or Departmental consent) and sophomore standing.

Description: Study of the techniques and principles of economic analysis of engineering projects, including equipment selection, operation cost, depreciation, and replacement analysis.

Lecture/Lab: Three hours lecture per week.

ENGR 2500K – Surveying and Geomatics

Credit: 4 hours

Prerequisites: MATH 1112 (with a grade of C or Better) or departmental consent.

Description: Study of the theory and practice of surveying and spatial data collection, using both the traditional and modern methods of surveying including current technology, traditional surveying equipment, computer applications, and an introduction to the global positioning system technology.

Lecture/Lab hours: Three hours lecture and three hours lab per week.

ENGR 2600 – Thermodynamics

Credit: 3 hours

Prerequisites: MATH 2252

Description: The course covers the fundamentals of engineering thermodynamics, thermodynamic properties and matter, first and second laws of thermodynamics, and applications to engineering.

Lecture/Lab Hours: Three hours lecture per week.

EURO 3234 – Introduction to the EU

Credit: 3 hours

Prerequisites: HIST 1111 or HIST 1111H or HIST 1112 or HIST 1112H

Description: An introduction to the history, institutions, and policies of the European Union. The course also examines the role of the EU as a global actor, including its relations with the United States.

Lecture/Lab Hours: Three hours per week

EURO 4130 – EU Law & Legal Systems

Credit: 3 hours

Prerequisites: EURO 3234

Description: A study of EU legal institutions and processes in the context of international law and in comparison to those of the United States.

Lecture/Lab Hours: Three hours per week

EURO 4160 – EU Federalism & Governance

Credit: 3 hours

Prerequisites: EURO 3234

Description: A comparison of multilevel governance and policymaking in the European Union with that of the United States and other federal systems.

Lecture/Lab Hours: Three hours per week

EURO 4230 – Doing Business in the EU

Credit: 3 hours

Prerequisites: EURO 3234

Description: A study of business protocol in the EU compared to the United States. The course focuses on institutions and rules which impact the business environment for domestic and international firms, and on how political decisions affect the business environment.

Lecture/Lab Hours: Three hours per week

EURO 4330 – EU Science & Technology Policy

Credit: 3 hours

Prerequisites: EURO 3234

Description: An examination of EU science and technology policy compared to that of the United States. The course examines how governments can encourage scientific and technological innovation and whether government can (or should) try to limit or control technological innovation.

Lecture/Lab Hours: Three hours per week

EURO 4260 – European Monetary Union

Credit: 3 hours

Prerequisites: EURO 3234

Description: An examination of the history and evolution of the European Economic and Monetary Union and its impact on the United States and the global economy.

Lecture/Lab Hours: Three hours per week

EURO 4430 – EU Environmental Policy

Credit: 3 hours

Prerequisites: EURO 3234

Description: A survey of critical issues in EU environmental policy, including key environmental problems, the challenges of making and implementing environmental policy in the EU's multilevel governance system, and future prospects for EU environmental regulation.

Lecture/Lab Hours: Three hours per week

EURO 4530 – European Social Policy

Credit: 3 hours

Prerequisites: EURO 3234

Description: An examination of social policy and current social policy issues and arrangements in Europe and the EU.

Lecture/Lab Hours: Three hours per week

EURO 4630 – Communications and Media

Credit: 3 hours

Prerequisites: EURO 3234

Description: A comparison of communications and media in the EU with the United States. The course examines media law, policies, and practices in voice telephony, the Internet, and social media.

Lecture/Lab Hours: Three hours per week

EURO 4730 – European Union Foreign Policy

Credit: 3 hours

Prerequisites: EURO 3234

Description: An examination of the foreign policy of the EU. Examines how EU foreign policy is made, the intersection of national and EU foreign policies, and EU policies regarding key issues in countries and areas of the world.

Lecture/Lab Hours: Three hours per week

EURO 4760 – US-EU Relations

Credit: 3 hours

Prerequisites: EURO 3234

Description: An examination of relations between the United States and the European Union, including US_EU cooperation on global issues and the future of Transatlantic relations in a changing world.

Lecture/Lab Hours: Three hours per week

EURO 4830 – EU Studies Capstone

Credit: 3 hours

Prerequisites: EURO 3234

Description: A capstone course for students in the EU Studies Certificate program. The course explores selected topics in a way that allows students to synthesize their knowledge of the EU.

Lecture/Lab Hours: Three hours per week

FINA 3110 – Principles of Finance

Credit: 3 hours

Prerequisites: ACCT 2102, ECON 2105 and 2106.

Description: This course is designed to give the student an introduction to the principles of financial management including an analysis of financial statements, forecasting, capital budgeting, security valuation, and analysis of risk and return.

Lecture/Lab Hours: Three hours per week.

FINA 3410 – Principles of Finance for Small Business

Credit: 3 hours

Prerequisite: ACCT 2102.

Description: Emphasis is on financial problems facing the small business. Such problems include funding, working capital management, and capital budgeting.

Lecture/Lab Hours: Three hours per week.

FREN 1001 – Elementary French I

Credit: 3 hours

Prerequisites: None or permission of instructor

Description: This is an introductory course in which students will develop basic communication skills in French including listening, speaking, reading, and writing. Students will also be introduced to Francophone culture.

Limitations Note: This course can be used to meet CPC requirements or as elective credit for students who have had two years or more of high school level credit in French. Many system institutions will not accept the first elementary course in a foreign language to meet degree requirements.

Lecture/Lab Hours: Three hours per week.

FREN 1002 – Elementary French II

Credit: 3 hours

Prerequisites: At least a "C" in FREN 1001 or permission of instructor

Description: This is a continuation of FREN 1001 in which students will further develop basic communication skills in French including listening, speaking, reading, and writing, and learn about Francophone culture.

Lecture/Lab Hours: Three hours per week.

FREN 2001 – Intermediate French I

Credit: 3 hours

Prerequisites: At least a "C" in FREN 1002 or permission of instructor

Description: A continuation of the development of proficiency in the language skills, which include listening, speaking, reading, and writing. Students will be exposed to discussion in French, written compositions, selected literary works, and Francophone culture.

Lecture/Lab Hours: Three hours per week.

FREN 2002 – Intermediate French II

Credit: 3 hours

Prerequisites: At least a "C" in FREN 2001 or permission of instructor

Description: A continuation of FREN 2001 utilizing language skills in listening, speaking, reading, and writing. Students will further be exposed to discussion in French, written compositions, selected literary works, and Francophone culture to prepare students for upper level French courses.

Lecture/Lab Hours: Three hours per week.

FREN 2998 – Intermediate Study Abroad I

Credit: 3 hours

Prerequisites: At least a "C" in FREN 1002 or permission of instructor

Description: This course covers French study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for one course of intermediate study abroad and can only be taken once.

Lecture/Lab Hours: Three hours per week.

FREN 2999 – Intermediate Study Abroad II

Credit: 3 hours

Prerequisites: At least a "C" in FREN 1002 or permission of instructor

Description: This course covers French study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for a second course of intermediate study abroad and can only be taken once.

Lecture/Lab Hours: Three hours per week.

FREN 3001 – Grammar and Composition

Credit: 3 hours

Prerequisites: At least a "C" in FREN 2002 or permission of instructor

May be taken concurrently with FREN 3003

Description: This course provides a study of advanced grammar and writing practice including methods and strategies of summary, description, narration, exposition, and argumentation. This course teaches writing as a process that integrates a variety of elements such as grammar, vocabulary, style, content, and organization.

Lecture/Lab Hours: Three hours per week.

FREN 3002 – Language and Francophone Culture

Credit: 3 hours

Prerequisites: At least a "C" in FREN 3001 or permission of instructor

Description: This course includes reading, understanding, and analyzing communication patterns and paralinguistic aspects of spoken French. Students will also learn about everyday life in French speaking countries through cultural readings that include information about culture and language usage within cultural contexts. Video and multimedia materials will be utilized.

Lecture/Lab Hours: Three hours per week.

FREN 3003 – Conversation I

Credit: 3 hours

Prerequisites: At least a "C" in FREN 2002 or permission of instructor

May be taken concurrently with FREN 3001

Description: This course provides oral and listening comprehension practice using communicative activities such as in-class discussions, oral presentations, reading exercises, and group work. Authentic materials may be incorporated.

Lecture/Lab Hours: Three hours per week.

FREN 3998 – Advanced Study Abroad I

Credit: 3 hours

Prerequisites: At least a "C" in FREN 2002 or permission of instructor

Description: This course covers French study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for one course of advanced study abroad.

Lecture/Lab Hours: Three hours per week.

FREN 3999 – Advanced Study Abroad II

Credit: 3 hours

Prerequisites: At least a "C" in FREN 2002 or permission of instructor

Description: This course covers French study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for a second course of advanced study abroad.

Lecture/Lab Hours: Three hours per week.

FYES 1001 – Freshman Year Seminar

Credit: 3 hours

Description: This course is required for all first-time students. The course, offered in standard and themed sections, is designed to provide students with the academic, personal, and leadership skills necessary for success in their academic and personal lives. The course will facilitate students' acculturation and social integration into the university environment, develop students' understanding of the learning process, and help students acquire essential university survival skills. The focus of this course is on the university student for the purpose of promoting success - both in college and in life after college - by fostering the development of skills or strategies that are valuable and applicable across subjects (transferable, cross-disciplinary skills) and across time (durable, lifelong learning skills). All first time Freshmen are required to take the Freshman Year Seminar course except fully online students (taking no on-campus classes), joint-enrollment students, and students with CPC deficiencies.

Lecture/Lab Hours: Three hours per week.

GEOG 1101 – Introduction to Human Geography

Credit: 3 hours

Description: This course is a survey of global patterns of resources, population, culture, and economic systems, regionally focusing on the ways in which cultural groups around the world utilize and modify their landscape and environment. Emphasis is placed upon the factors contributing to these patterns and the distinctions between the technologically advanced and less advanced regions of the world.

Lecture/Lab Hours: Three hours per week.

GEOL 1125K – Physical Geology

Credit: 4 hours

Description: Study of the lithosphere including rock and mineral identification, plate tectonics, ground water, stream systems, and introduction to maps.

Lecture/Lab: Three hours lecture and two hour labs per week.

GEOL 1126K – Historical Geology

Credit: 4 hours

Prerequisites: Grade of 'C' or better in GEOL 1125.

Description: Survey of Earth history with an emphasis on research methods. Geologic time, geologic histories, correlation, geologic mapping and fossils are emphasized.

Lecture/Lab: Three hours lecture and two hours lab per week.

GEOL 1130K – Introduction to Georgia Geology

Credit: 4 hours

Description: A field study designed to expand a student's knowledge and appreciation of geology by experiencing the widely diverse aspects of Georgia geologic provinces. Some classroom and extensive field work including more than two overnight trips are taken. Some field gear is required.

Lecture/Lab: Variable.

GRMN 1001 – Elementary German I

Credit: 3 hours

Prerequisites: None or permission of instructor

Description: This is an introductory course in which students will develop basic communication skills in German, including listening, speaking, reading, and writing. Students will also be introduced to the culture of the German-speaking world.

Limitations Note: This course can be used to meet CPC requirements or as elective credit for students who have had two years or more of high school level credit in German. Many system institutions will not accept the first elementary course in a foreign language to meet degree requirements.

Lecture/Lab Hours: Three hours per week.

GRMN 1002 – Elementary German II

Credit: 3 hours

Prerequisites: At least a "C" in GRMN 1001 or permission of instructor

Description: This is a continuation of GRMN 1001 in which students will further develop basic communication skills in German, including listening, speaking, reading, and writing, and learn about the culture of the German-speaking world.

Lecture/Lab Hours: Three hours per week.

GRMN 2001 – Intermediate German I

Credit: 3 hours

Prerequisites: At least a "C" in GRMN 1002 or permission of instructor

Description: A continuation of the development of proficiency in the language skills, which include listening, speaking, reading, and writing. Students will be exposed to discussion in German, written compositions, selected literary works, and the culture of the German-speaking world.

Lecture/Lab Hours: Three hours per week.

GRMN 2002 – Intermediate German II

Credit: 3 hours

Prerequisites: At least a "C" in GRMN 2001 or permission of instructor

Description: A continuation of GRMN 2001 utilizing language skills in listening, speaking, reading, and writing. Students will further be exposed to discussion in German, written compositions, selected literary works, and the culture of the German-speaking world.

Lecture/Lab Hours: Three hours per week.

HEXS 1020 – Aerobic Exercise I

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches the fundamentals of a variety of aerobic exercises such as Tae Bo, Step Aerobics, Pilates, and more.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1021 – Aerobic Exercise II

Credit: 1 hour

Prerequisites: HEXS 1020 or permission of instructor

Description: A continuation of HEXS 1020 that teaches more advanced skills and knowledge of aerobic exercise.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1040 – Archery

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches the fundamentals of archery.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1060 – Badminton I

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches the fundamentals of badminton.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1061 – Badminton II

Credit: 1 hour

Prerequisites: HEXS 1060 or permission of instructor.

Description: A continuation of HEXS 1060 that teaches more advanced skills and knowledge of badminton.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1080 – Baseball I

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches the fundamentals of baseball.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1081 – Baseball II

Credit: 1 hour

Prerequisites: HEXS 1080 or permission of instructor.

Description: A continuation of HEXS 1080 that teaches more advanced skills and knowledge of baseball.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1100 – Basketball I

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches the fundamentals of basketball.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1101 – Basketball II

Credit: 1 hour

Prerequisites: HEXS 1100 or permission of instructor.

Description: A continuation of HEXS 1100 that teaches more advanced skills and knowledge of basketball.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1120 – Body Conditioning

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches the benefits of physical fitness through individualized exercise programs.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1140 – First Aid & CPR

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches students how to respond to medical emergencies as a community member. Students will have the opportunity to acquire American Red Cross certifications in Adult CPR/AED and Standard First Aid.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1160 – Golf I

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches the fundamentals of golf. Extra fees are required.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1161 – Golf II

Credit: 1 hour

Prerequisites: None. HEXS 1160 or permission of instructor.

Description: A continuation of HEXS 1160 that teaches more advanced skills and knowledge of golf. Extra fees required.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1180 – Pickleball

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches the fundamentals of pickleball: an indoor sport that combines the sports of tennis and badminton.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1181 – Pickleball

Credit: 1 hour

Prerequisites: HEXS 1180 or permission of instructor.

Description: A continuation of HEXS 1180 that teaches more advanced skills and knowledge of pickleball.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1202 – Self Defense for Women

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches self-defense skills for women.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1220 – Snow Skiing/ Boarding I

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches the fundamentals of snow skiing or snowboarding. This course occurs in December at location out of state. Extra fees are required.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1221 – Snow Skiing/ Boarding II

Credit: 1 hour

Prerequisites: HEXS 1220 or permission of instructor.

Description: A continuation of HEXS 1220 that teaches more advanced skills and knowledge of snow skiing, or snowboarding. Course occurs in December at a location out of state. Extra fees are required.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1240 – Soccer I

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches the fundamentals of soccer.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1241 – Soccer II

Credit: 1 hour

Prerequisites: HEXS 1240 or permission of instructor.

Description: A continuation of HEXS 1240 that teaches more advanced skills and knowledge of soccer.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1260 – Softball I

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches the fundamentals of softball.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1261 – Softball II

Credit: 1 hour

Prerequisites: HEXS 1260 or permission of instructor.

Description: A continuation of HEXS 1260 that teaches more advanced skills and knowledge of softball.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1280 – Swimming

Credit: 1 hour

Prerequisites: None.

Description: A physical course that teaches swimming and water safety.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1300 – Tennis

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches the fundamentals of tennis.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1320 – Ultimate Frisbee I

Credit: 1 hour

Prerequisites: None.

Description: A physical activity course that teaches ultimate Frisbee: an exciting, non-stop action game.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1321 – Ultimate Frisbee II

Credit: 1 hour

Prerequisites: HEXS 1320 or permission of instructor.

Description: A continuation of HEXS 1320 that teaches more advanced skills and knowledge of Ultimate Frisbee.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1340 – Volleyball I

Credit: 1 hour

Prerequisites: None

Description: A physical activity course that teaches the fundamentals of volleyball.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1341 – Volleyball II

Credit: 1 hour

Prerequisites: HEXS 1340 or permission of instructor.

Description: A continuation of HEXS 1340 that teaches more advanced skills and knowledge of Volleyball.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1360 – Walking/Jogging

Credit: 1 hour

Prerequisites: None

Description: A physical activity course that teaches cardiovascular fitness with individualized walking and jogging programs.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1380 – Weight Training I

Credit: 1 hour

Prerequisites: None

Description: A physical activity course that teaches the fundamentals of weight training.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1381 – Weight Training II

Credit: 1 hour

Prerequisites: HEXS 1380 or permission of instructor.

Description: A continuation of HEXS 1380 that teaches more advanced skills and knowledge of weight training.

Lecture/Lab Hours: Two hours laboratory per week.

HEXS 1700 – Stability Ball Training

Credit: 1 hour

Prerequisites: None

Description: This course is designed to introduce the student to stability ball training which promotes balance and core muscular stabilization. The student will also gain knowledge of stability ball utilization for increasing cardio respiratory endurance, muscular strength, muscular endurance, and flexibility.

Lecture/Lab Hours: Two hours laboratory per week.

HIST 1006 – Perspectives on America at War

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communications through an introduction to the study of history. This course contains an online Critical Thinking and Oral Communications component (CTOC). In addition traditional classroom work will focus on American Military History in its larger social, political, economic and diplomatic contexts. The course offers an opportunity to develop critical thinking skills, and to create and present original arguments in an oral form.

Lecture/Lab Hours: Four hours per week.

HIST 1007 – Perspectives on Sinners and Saints

Credit: 4 hours

Prerequisites: None

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communications through an introduction to the study of biography in historical context. This course contains an online Critical Thinking and Oral Communications component (CTOC). In addition, traditional classroom work will focus on biographical writing about important but controversial historical actors or social groups in their larger political, social, and cultural contexts. This course offers an opportunity to develop critical thinking skills and to create and present original arguments in an oral form.

Lecture/Lab Hours: Four hours per week

HIST 1111 – History of World Civilizations to 1650

Credit: 3 hours

Description: This is a survey of world history to early modern times. Special emphasis will be placed on the political, intellectual, cultural, and economic aspects of early civilizations in the world environment.

Lecture/Lab Hours: Three hours per week.

HIST 1111H – Honors History of World Civilization to 1650

Credit: 3 hours

Prerequisite: Admission to the Honors Program

Description: This is a survey of world history to early modern times. For advanced students, this course will place special emphasis on historical interpretation and provide opportunities to do directed research and/or special projects. This course is open only to those students who have been admitted to the Honors Program. Special emphasis will be placed on the political, intellectual, cultural, and economic aspects of early civilizations in the world environment.

Lecture/Lab Hours: Three hours per week.

HIST 1112 – History of World Civilizations Since 1650

Credit: 3 hours

Description: This is a survey of world history from early modern times to the present. Special emphasis will be placed on the political, intellectual, cultural, and economic aspects of modern civilizations in the world environment.

Lecture/Lab Hours: Three hours per week.

HIST 1112H – Honors History of World Civilization Since 1650

Credit: 3 hours

Prerequisite: Admission to the Honors Program

Description: This is a survey of world history from early modern times to the present. For advanced students, this course will place special emphasis on historical interpretation and provide opportunities to do directed research and/or special projects. This course is open only to those students who have been admitted to the Honors Program. Special emphasis will be placed on the political, intellectual, cultural, and economic aspects of modern civilizations in the world environment.

Lecture/Lab Hours: Three hours per week.

HIST 1190 – History of World Religions

Credit: 3 hours

Description: This course examines the rise and historical development of the major religious traditions of the world. Tracing the contours of nine major “world religions,” students will be introduced to a wide diversity of religious belief and practice in various cultures and contexts.

Lecture/Lab Hours: Three hours per week.

HIST 2111 – United States History to 1865

Credit: 3 hours

Description: This is a survey of U.S. history to the post-Civil War period. Special emphasis will be placed on the political, intellectual, cultural, and economic forces that transformed the U.S. during the period. Meets state legislative requirements for United States and Georgia history.

Lecture/Lab Hours: Three hours per week.

HIST 2111H – Honors United States History to 1865

Credit: 3 hours

Prerequisite: Admission to the Honors Program

Description: This is a survey of U.S. history to the post-Civil War period. For advanced students, this course will place special emphasis on historical interpretation and provide opportunities to do directed research and/or special projects. This course is open only to those students who have been admitted to the Honors Program. Meets state legislative requirement for United States and Georgia history.

Lecture/Lab Hours: Three hours per week.

HIST 2112 – United States History Since 1865

Credit: 3 hours

Description: This is a survey of U. S. history from the post-Civil War period to the present. Special emphasis will be given to the political, social, cultural, intellectual, and economic forces that transformed the U.S. during the period. Meets state legislative requirements for United States and Georgia history.

Lecture/Lab Hours: Three hours per week.

HIST 2112H – Honors United States History Since 1865

Credit: 3 hours

Prerequisite: Admission to the Honors Program

Description: This is a survey of U.S. history from the post-Civil War period to the present. For advanced students, this course will place special emphasis on historical interpretation and provide opportunities to do directed research and/or special projects. This course is open only to those students who have been admitted to the Honors Program. Meets state legislative requirements for United States and Georgia history.

Lecture/Lab Hours: Three hours per week.

HIST 3000 – Historical Methods

Credit: 3 hours

Prerequisite: at least a "C" in both HIST 2111 and HIST 2112 (or honors equivalents)

Description: This course explores the different types of evidence historians use to reconstruct the past, and the methods of analysis for each type. Coverage will include the uses and limitations of each type of evidence, the contexts within which different methods are appropriate, the borrowing of methods of analysis from other disciplines, and the development of historical synthesis. Particular emphasis will be placed on professional integrity and the ethical use of evidence. Students may not take this course more than three (3) times without approval of the Department Chair.

Lecture/Lab Hours: Three hours per week.

HIST 3014 – Modern European Intellectual History

Credit: 3 hours

Co-requisite: HIST 3000

Prerequisite: at least a C in HIST 1112 or 1112H

Description: This course surveys European intellectual history from the Renaissance and Reformation to the present. Particular emphasis will be placed on the relationship between intellectual history and the social and political developments of the period.

Lecture/Lab Hours: Three hours per week

HIST 3050 – The Ancient Mediterranean

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Prerequisite: at least a C in HIST 1111 or 1111H

Description: This course examines ancient civilizations in and near the Mediterranean Sea. Coverage includes ancient Egypt and Mesopotamia, Greece, and Rome. Particular emphasis is placed upon the evolution of political, social, economic, and military systems and on the historical relationships among the major Mediterranean civilizations.

Lecture/Lab Hours: Three hours per week.

HIST 3100 – History of Latin America

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Prerequisite: at least a C in HIST 1112 or 1112H

Description: This course is a survey of Latin American history and culture. The course examines the historical origins and development of Latin American society. Coverage includes pre-Columbian cultures, contrasting approaches to colonization in Spanish and Portuguese America, economic structures, race, post-independence political development, neocolonialism, dependency on outside powers, the influence of Marxism, and relations with the United States.

Lecture/Lab Hours: Three hours per week.

HIST 3150 – History of Africa to 1875

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Prerequisite: at least a C in either HIST 1111 or 1112 (or honors equivalents)

Description: This course covers African history from ancient Egyptian cultures through 1875. It will give the students an overview of major themes and events in pre-colonial African History. The course will examine material and social change, while considering how a variety of people shaped their worlds. The course emphasizes the richness and diversity of Africa's past and of the centrality of Africa in world history. It will also address how Africa's past has been contested and re-invented over the centuries.

Lecture/Lab Hours: Three hours per week.

HIST 3151 – History of Africa Since 1875

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Prerequisite: at least a C in HIST 1112 or 1112H

Description: This course covers major events and important themes in African history since 1875. Important topics include the European conquest of Africa, African resistance and political movements under colonialism and the economic and political developments that ushered in the end to formal colonial rule. It will also cover the period of decolonization and consider historical reasons for post-colonial challenges and successes. Overall, it will explore the diversity of human experience in Africa during the colonial and post-colonial periods. It will also emphasize Africa's connections to broader trends in world history.

Lecture/Lab Hours: Three hours per week.

HIST 3200 – Traditional China

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Prerequisite: at least a C in either HIST 1111 or 1112 (or honors equivalents)

Description: This course covers the history of Chinese civilization from ancient times to the early nineteenth century, with emphasis on its characteristic political, social, economic, and cultural developments. Coverage includes Chinese philosophy, gender roles, foreign relations, and governmental structures.

Lecture/Lab Hours: Three hours per week.

HIST 3210 – Modern China

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Prerequisite: at least a C in HIST 1112 or 1112H

Description: This course covers the history of China from the nineteenth century to the present, with emphasis on political, social, economic, and intellectual developments. Particular emphasis is placed on the relationships among Chinese communism, capitalism, and traditional values.

Lecture/Lab Hours: Three hours per week.

HIST 3230 – History of the Middle East

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Prerequisite: at least a C in either HIST 1111 or 1112 (or honors equivalents)

Description: This course examines the history of the Middle East from the Sumerians to the present. Coverage includes the rise and definition of three major religions--Judaism, Christianity, and Islam, as well as the conflicts among these religious traditions and how those conflicts have played out in rival political, social, and economic institutions.

Lecture/Lab Hours: Three hours per week.

HIST 3440 – Church, State and Society in Medieval Europe

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Prerequisite: at least a C in HIST 1111 or 1111H

Description: This course covers European history from the fall of the Roman Empire through the voyages of Columbus. Topics include feudalism, the role of the church, the impact of mass migrations, the Crusades, the rise of universities, the Black Death, the emergence of nation-states, the guild system, the rise of vernacular literacy, and the Italian Renaissance.

Lecture/Lab Hours: Three hours per week.

HIST 3460 – Church, State and Society in the Renaissance and Reformation Era

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Prerequisite: at least a C in HIST 1111 or 1111H

Description: This course is a study of major political, cultural, economic, and religious developments in Europe from 1400-1648. The course pays particular attention to the roots of Renaissance ideology, the connections between the Renaissance and the Protestant Reformation, and the cultural and artistic legacy of the Renaissance and Reformation.

Lecture/Lab Hours: Three hours per week.

HIST 3470 – Church, State and Society in the Age of Enlightenment

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Prerequisite: at least a C in HIST 1112 or 1112H

Description: This course affords an in-depth look at the culture and society of early modern Europe and its colonies during the crucial period separating the aftermath of the European Reformations and the dawn of the nineteenth century. Special emphases will include social, political, literary, and religious thought of the late seventeenth and eighteenth century.

Lecture/Lab Hours: Three hours per week

HIST 3480 – Europe in the Nineteenth Century

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Prerequisite: at least a C in HIST 1112 or 1112H

Description: This course addresses the social, political, and intellectual directions of European history from the Congress of Vienna to the end of the nineteenth century. Particular attention will be paid to the role of ideologies such as Romanticism, Conservatism, Liberalism, and Socialism and the evolution of political structures in Great Britain, Germany, France, Italy, and Russia.

Lecture/Lab Hours: Three hours per week.

HIST 3490 – Europe in the Twentieth Century

Credit: 3 hours

Prerequisite: At least HIST 3000

Prerequisite: at least a C in HIST 1112 or 1112H

Description: This course addresses major political, social, cultural, and economic developments in Europe since 1900. Particular emphasis will be placed on the impact of the First and Second World Wars, the rise and fall of communism, and the relationship between European nations and the United States.

Lecture/Lab Hours: Three hours per week.

HIST 3510 – Britain to 1688

Credit: 3 hours

Prerequisite: At least a “C” in HIST 3000

or

Co-requisite: HIST 3000

Description: This course surveys the history of the British Isles until 1688. This course examines the major political, socioeconomic, intellectual, and religious developments in the British Isles (including Ireland, Scotland, and Wales) up to the Glorious Revolution. Specific areas examined include the indigenous Celtic populations, the Roman and Anglo-Saxon conquests, the formation of the Anglo-Norman kingdom, and the Tudor monarchy.

Lecture/Lab Hours: Three hours lecture per week.

HIST 3511 – Great Britain since 1688

Credit: 3 hours

Prerequisite: At least a “C” in HIST 3000

or

Co-requisite: HIST 3000

Description: This course surveys the history of the British Isles and British Empire since 1688. This course examines the major political, socioeconomic, intellectual, and religious developments in the British Isles since the Glorious Revolution. Special areas of interest include the development of democracy, industrialization, social-welfare measures, and Great Britain’s engagement in global struggles from the eighteenth century wars to the Cold War.

Lecture/Lab Hours: Three hours lecture per week.

HIST 3700 – History of American Foreign Relations

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000.

Description: This course covers history of American foreign relations from the early beginnings of the nation in 1776 to the present.

Lecture/Lab Hours: Three hours per week.

HIST 3710 – Colonial America

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Description: This course covers the discovery of the new world and the settlement and growth of the English colonies of North America.

Lecture/Lab Hours: Three hours per week.

HIST 3720 – Revolutionary America

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Description: This course will examine American History between 1763 and 1815. It will treat the causes and consequences of the American War for Independence, the era of the writing and implementation of the U.S. Constitution and the period leading to the War of 1812. Areas of emphasis will include the political, social, and economic development of America as well as the issues surrounding race, religion, and gender during the period of the French-Indian War and 1815.

Lecture/Lab Hours: Three hours per week.

HIST 3730 – America, 1815-1848

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Description: This course covers United States history between 1815 and 1848 with attention to economic, political, social, and intellectual developments. Topics include the growth of a more democratic political culture; the market revolution and the commercialization of society; mass immigration and labor; revivalism, reform, manifest destiny, and the beginnings of modern American culture.

Lecture/Lab Hours: Three hours per week.

HIST 3750 – The Civil War and Reconstruction

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Description: This course focuses on the constitutional and economic causes of the U.S. Civil War as well as its tactical, strategic, and technological components. Particular emphasis is placed on its long term social, political, and psychological repercussions.

Lecture/Lab Hours: Three hours per week.

HIST 3760 – United States History 1877-1917

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Description: This course covers U.S. political, social, and economic history from 1877 to 1917. Topics include Gilded Age materialism, consumer culture, industrialization, urbanization, westward migration, the rise of professional organizations, new technology, environmentalism, Populism, Progressivism, and the extension of U.S. influence beyond North America. Particular emphasis is placed on race, gender, ethnicity, and class.

Lecture/Lab Hours: Three hours per week.

HIST 3770 – United States History 1917-1960

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Description: This course analyzes the institutions and forces that molded life in the United States from 1917 to 1960. Coverage will address issues of race, class, and gender as manifested in political, social, and economic changes, and emphasis will be placed on the changing role of the United States in global affairs.

Lecture/Lab Hours: Three hours per week.

HIST 3790 – United States History Since 1960

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Description: This course analyzes the institutions and forces that molded life in the United States from 1960 to the present. Coverage will address issues of race, class, and gender as manifested in political, social, and economic changes, and emphasis will be placed on the changing role of the United States in global affairs.

Lecture/Lab Hours: Three hours per week.

HIST 3901 – Early African American History

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Description: This course treats the African backgrounds of African Americans, the institution of slavery, the development of African American community institutions, and African American participation in and impact on the Civil War and Reconstruction.

Lecture/Lab Hours: Three hours per week.

HIST 3902 – Modern African American History

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Description: This course is a survey of African American history from Reconstruction to election of Barack Obama as president of the United States. This course focuses on the institutions, persons, and ideas that contributed to the black freedom struggle against segregation, lynching, disfranchisement and toward racial equality in America. It will also analyze the development of twentieth-century urbanization and nationalism, and efforts toward black political power and cultural expression from the civil rights era to Obama's election and the arrival of "post-Racial America."

Lecture/Lab Hours: Three hours per week.

HIST 3930 – History of Georgia

Credit: 3 hours

Prerequisite: At least a "C" in both HIST 2111 and HIST 2112 (or honors equivalents)

Description: This course covers the political, social, and economic history of the state of Georgia from colonial times to the present, including the vision of James Oglethorpe, early Cherokee land disputes, the rise of the cotton economy, the state's secession from the Union, Reconstruction, the Bourbon era, the effects of the New Deal, Martin Luther King, Jr., the fall of the county-unit system, and Jimmy Carter's election to the presidency. Particular emphasis will be placed on the state's relationship with the rest of the South and the rest of the nation.

Lecture/Lab Hours: Three hours per week.

HIST 3999 – Special Topics in History

Credit: 3 hours

Prerequisite/Co-requisite: HIST 3000

Description: This course is an intensive study of a significant topic in history not otherwise covered in history course offerings.

Lecture/Lab Hours: Three hours per week.

HIST 4010 – The Atlantic World

Credit: 3 hours

Prerequisite: At least a "C" in HIST 1111, 1112 and 3000 (or honors equivalents)

Description: This course explores the forces that pushed Europeans into Africa and the Americas from 1400 to 1800. It also examines the wide variety of societies that developed once Africans, Europeans, and Native Americans encountered each other around the Atlantic Ocean. Special attention is given to the role of indigenous peoples in North and South America, the rise and fall of slavery and the transatlantic slave trade, the influence of Africa in the Americas, and the differing economic, political, and social approaches to colonization by the various European powers.

Lecture/Lab Hours: Three hours per week.

HIST 4011 – Long Age of Revolutions

Credit: 3 hours

Prerequisite: At least a "C" in HIST 3000

or

Co-requisite: HIST 3000

Description: This course explores the 'Age of Revolutions' over a longer chronological scope than the traditional scholarship provides. While historians normally start the Age of Revolution with the American Revolution and end with the independence of Spanish America, this course takes a *longue durée* approach to the subject of 'revolutions.' The course explores the ideological evolution of revolutionary language and the origins of revolutions from the Early Modern to the Modern Period.

Lecture/Lab Hours: Three hours lecture per week.

HIST 4020 – Technology, Environment and Empire

Credit: 3 hours

Prerequisite: At least a "C" in HIST 1111, 1112 and 3000 (or honors equivalents)

Description: This course examines the creation, and political, social, and economic development of empires and their decline from ancient times to the present. Particular emphasis is placed on technological and cultural centralization and diffusion, historical forms of empire, and the scholarly debates surround the concept of empire.

Lecture/Lab Hours: Three hours per week.

HIST 4030 – European Colonization

Credit: 3 hours

Prerequisite: At least a "C" in both HIST 1112 and HIST 3000 (or honors equivalents)

Description: This course covers the impact of European colonization of the Americas, Africa, and Asia in comparative perspective, including challenges to colonialism. The approach is interdisciplinary, and integrates history, economics, sociology, and geography. Students will read extensively from sources addressing multiple regions affected by European colonization.

Lecture/Lab Hours: Three hours per week.

HIST 4040 – Humans and Their Environment Since 1945

Credit: 3 hours

Prerequisite: At least a "C" in both HIST 1112 and HIST 3000 (or honors equivalents)

Description: This course covers environmental issues in the context of twentieth century global politics. The approach is interdisciplinary, and integrates history, economics, sociology, and geography.

Lecture/Lab Hours: Three hours per week

HIST 4220 – History of Japan

Credit: 3 hours

Prerequisite: At least a "C" in HIST 1111, 1112 and 3000 (or honors equivalents)

Description: This course covers the history of Japan from earliest times to present, with primary emphasis on its emergence as a world power since the late nineteenth century. Coverage includes changes in political institutions, economic policies, and sociocultural relationships, with particular attention to the impact of industrialization and the Meiji Restoration.

Lecture/Lab Hours: Three hours per week.

HIST 4290 – Modern Russia

Credit: 3 hours

Prerequisite: At least a "C" in HIST 1111, 1112 and 3000 (or honors equivalents)

Description: This course covers Russian history from Peter the Great to the present, economic, and social developments of Russia in both the imperial and Soviet periods, and the collapse of the Soviet Union. Particular emphasis is placed on the role of class divisions and the evolution of a state-managed economy.

Lecture/Lab Hours: Three hours per week.

HIST 4320 – France 1660-1815

Credit: 3 hours

Prerequisite: At least a "C" in both HIST 1112 and HIST 3000 (or honors equivalents)

Description: This course is a survey of French history from the reign of Louie XIV through the end of the French Revolution. Topics include political structures, the rise of the bourgeoisie, Salon culture, the controversy over Huguenot political status, French expansion and colonization, the mercantile economy, the Enlightenment, conflicts between rural and urban society, the collapse of absolute monarchy, the Reign of Terror, the rise of Bonapartism, and the Napoleonic Wars.

Lecture/Lab Hours: Three hours per week.

HIST 4330 – Modern Germany

Credit: 3 hours

Prerequisite: At least a "C" in both HIST 1112 and HIST 3000 (or honors equivalents)

Description: This course covers the history of Germany from the mid-eighteenth century through reunification. Emphasis is on changing definitions and uses of German nationalism from Frederick the Great through the present, including the actions of Bismarck, Hitler, and Adenauer. Coverage includes German cultural, social, and economic trends examined within the evolving framework of German political traditions.

Lecture/Lab Hours: Three hours per week.

HIST 4336 – The Holocaust

Credit: 3 hours

Prerequisite: At least a "C" in both HIST 1112 and HIST 3000 (or honors equivalents)

Description: This course will examine the historical roots of modern anti-Semitism and the rise of the Nazis in Germany. Particular emphasis will be placed on the implementation of Nazi extermination policies, the reaction of neighboring countries, the results of the Holocaust, and its implications for the post-World War Two period.

Lecture/Lab Hours: Three hours per week.

HIST 4360 – Modern East Central Europe

Credit: 3 hours

Prerequisite: At least a "C" in both HIST 1112 and HIST 3000 (or honors equivalents)

Description: This course covers the history of nations between Germany and Russia in the nineteenth and twentieth centuries. Topics covered include the rise of German and Slavic nationalism, the gaining of independence, problems in establishing democracy, experience in World War II, the establishment of communist control, and post-communist developments.

Lecture/Lab Hours: Three hours per week.

HIST 4700 – Multicultural America

Credit: 3 hours

Prerequisite: At least a "C" in both HIST 2111 and HIST 2112 (or honors equivalents)

Description: This course investigates the role of religion, race, and ethnicity in the United States from the colonial period to the present. Focusing on the interaction between religious, racial, and ethnic identities among native peoples, slaves, immigrants, and the white majority, the course explores the ways that race, ideas of racial superiority and inferiority, and ethnicity shaped the history of the United States. Particular emphasis is placed on the social evolution of communities in America that are identifiable by race, religion, or ethnic identity, with attention to the ways these factors helped shape important political developments.

Lecture/Lab Hours: Three hours per week.

HIST 4710 – Religion and Politics in American History

Credit: 3 hours

Prerequisite: At least a "C" in HIST 3000

Description: This course surveys the role of religion in crucial periods of American political history from the Colonial period to the contemporary era. This is a reading/lecture/discussion course designed to introduce the student to the religious and cultural forces that shaped the nation's most important political movements and their efforts to recreate the nation in their own image.

Lecture/Lab Hours: Three hours per week.

HIST 4720 – History of Religion in America

Credit: 3 hours

Prerequisite: At least a "C" in HIST 3000

Description: HIST 4720 is a reading/ lecture/ discussion course designed to introduce the student to the role of religion in history of the United States. Primary attention will be given to the historical development of religious ideas and institutions and their interaction with the development of American culture.

Lecture/Lab Hours: Three hours per week.

HIST 4740 – American Environmental History

Credit: 3 hours

Prerequisite: At least a "C" in HIST 3000

Description: This course will examine the role of environment in U.S. History. Topics will include agrarianism, land policies, the role of the market system, cultural significance, environmental preservation and historic recreation.

Lecture/Lab Hours: Three hours per week.

HIST 4760 – Gender, Marriage and Family in American History

Credit: 3 hours

Prerequisite: At least a "C" in HIST 3000

Description: This course will examine the history and meaning gender, marriage, and the family in American History from the colonial era through present day. Particular emphasis will be placed on the ways in which structures and meanings of these institutions have changed over time. The meanings of both femininity and masculinity will be considered in the context of how Americans have defined the proper ordering of society and familial relations. The history and meaning of the institutions of marriage and the family will be analyzed as a reflection of the religious intellectual, political, economical, social, and cultural trends of the American past.

Lecture/Lab Hours: Three hours per week.

HIST 4777 – Early Native America

Credit: 3 hours

Prerequisite: At least a "C" in HIST 3000

Description: This course explores the history of Native Americans from prehistoric times to the end of the mid-nineteenth century. The course will focus on the creative adaptations of Indians to the great changes unleashed by European and U.S. colonialism.

Lecture/Lab Hours: Three hours per week.

HIST 4778 – Modern Native America

Credit: 3 hours

Prerequisite: At least a "C" in HIST 3000

Description: This course explores Native American life in and around the United States since the mid-nineteenth century. The course will focus on the creative adaptations of Indians of the great changes unleashed by U.S. colonialism.

Lecture/Lab Hours: Three hours per week.

HIST 4820 – The Old South

Credit: 3 hours

Prerequisite: At least a "C" in HIST 3000

Description: This course explores the origins and development of the southern United States from colonial times through the early nineteenth century. Coverage will include political, social, economic and cultural phenomena. Particular emphasis will be placed on class divisions, and on the role of cash crop agriculture and slave labor in the development of southern political and social attitudes. Three hours per week.

Lecture/Lab Hours: Three hours per week.

HIST 4821 – The New South

Credit: 3 hours

Prerequisite: At least a "C" in HIST 3000

Description: This course explores the development of the southern United States from the late nineteenth century to the present. Coverage will include political, social, economic and cultural phenomena. Particular emphasis will be placed on class and racial divisions, the persistence of southern poverty, and the development of southern political and social attitudes. Three hours per week.

Lecture/Lab Hours: Three hours per week.

HIST 4895 – History Internship

Credit: 3 hours

Prerequisites: At least a "C" in HIST 3000

Description: The History Internship provides students with an opportunity to apply their academic training, knowledge, and skills by working in an appropriate position with an off-campus company or organization. Arrangements for internships must be made by the student a semester in advance of the internship and receive approval from the Department Head.

Lecture/Lab Hours: **Three lab hours per week**

HIST 4898 – Research Practicum I

Credit: 3 hours

Prerequisite: Departmental Approval

Description: This course involves students in faculty-directed advanced research projects with the objective being a work of professional scholarship. Space is limited.

Lecture/Lab Hours: Ten laboratory hours per week.

HIST 4899 – Research Practicum II

Credit: 3 hours

Prerequisite: HIST 4898 or Department Approval

Description: This course involves students in extended faculty-directed advanced research projects with the objective being a publishable work of professional scholarship. Space is limited.

Lecture/Lab Hours: Ten laboratory hours per week.

HIST 4900 – Research Seminar in Non-Western History

Credit: 3 hours

Prerequisite: At least a "C" in HIST 3000, and at least fifteen additional credit hours in history at the 3000 level or higher

Description: In this course students will construct a detailed analysis of a specific problem, theme, or topic in non-western history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources.

Lecture/Lab Hours: Three hours per week.

HIST 4910 – Research Seminar in Russian History

Credit: 3 hours

Prerequisite: At least a "C" in HIST 3000, and at least fifteen additional credit hours in history at the 3000 level or higher

Description: In this course students will construct a detailed analysis of a specific problem, theme, or topic in Russian history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources.

Lecture/Lab Hours: Three hours per week.

HIST 4920 – Research Seminar in European History

Credit: 3 hours

Prerequisite: At least a "C" in HIST 3000, and at least fifteen additional credit hours in history at the 3000 level or higher

Description: In this course students will construct a detailed analysis of a specific problem, theme, or topic in European history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources.

Lecture/Lab Hours: Three hours per week.

HIST 4930 – Research Seminar in American History

Credit: 3 hours

Prerequisite: At least a "C" in HIST 3000, and at least fifteen additional credit hours in history at the 3000 level or higher

Description: In this course students will construct a detailed analysis of a specific problem, theme, or topic in American history. Instruction will include coverage of historical research methods and the ethics of the historical profession. Students will complete a major research paper based on primary and secondary sources.

Students may not take this course more than three (3) times without approval of the Department Chair.

Lecture/Lab Hours: Three hours per week.

HLSA 3000 – Research Methods for Health Sciences

Credit: 3 hours

Prerequisites: MATH 1200

Description: This course provides an introduction to research principles and methods involved in planning, designing, analyzing, interpreting, and communicating research. Emphasis is placed on research designs and outcomes that will enable students to become critical consumers of professional health care literature.

Lecture/Lab Hours: Three hours per week.

HLSA 3100 – Leadership in Health Care

Credit: 3 hours

Description: This course is designed to provide students with a comprehensive understanding of the theories, models, and responsibilities of leadership within the health care system. Emphasis is put on enabling and empowering students to become better leaders in practice, and to develop an efficacious personal leadership model.

Lecture/Lab Hours: Three hours per week.

HLSA 3310 – American Health Care System

Credit: 3 hours

Description: This course examines the health care delivery system of the United States from a systems perspective in terms of historical and current development. The course includes the political, cultural, philosophical, and social factors which have influenced the evolution of the health care delivery system.

Lecture/Lab Hours: Three hours per week.

HLSA 3315 – Holistic Health Care Services

Credit: 3 hours

Description: This is an introduction to comprehensive and total care of an individual. In the holistic approach to health care, needs are explored in all areas of functioning such as physical, emotional, social, spiritual, and economic. Topics will include strategies and treatment in the prevention of disease and the attainment and maintenance of wellness.

Lecture/Lab Hours: Three hours per week.

HLSA 3320 – Health Care Management

Credit: 3 hours

Co-requisites: HLSA 3310

Description: This course presents the foundation of management principles and processes and their changing role in health care organizations. The major management functions of decision making, planning, organizing, staffing, leading, and controlling will be explored.

Lecture/Lab Hours: Three hours per week.

HLSA 3340 – Public Administration and Health Care

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This course presents a study of government bureaucracies and their relationship to the American health care system. Students who have not met the stated prerequisite(s) may get the permission of instructor to enroll in course.

Lecture/Lab Hours: Three hours per week.

HLSA 3345 – Government, Politics, and American Health Care

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a survey of the principle governmental and political factors affecting American health care. Students who have not met the stated prerequisite(s) may get the permission of instructor to enroll in course.

Lecture/Lab Hours: Three hours per week.

HLSA 3350 – Public Health and Epidemiology

Credit: 3 hours

Description: This is an introduction to the essentials of public health and epidemiology which includes the study of contemporary health issues critical to the operation of infection control in the acute care hospital and ambulatory care centers.

Lecture/Lab Hours: Three hours per week.

HLSA 3360 – Quality Management and Improvement

Credit: 3 hours

Prerequisites: HLSA 3310

Description: This is an introduction to the management of quality in health care services, including the types and forms of measuring quality. The focus will be on outcome-based assessment. Discussion will include the requirements of various regulatory organizations which assess and monitor quality in health care settings.

Lecture/Lab Hours: Three hours per week.

HLSA 3370 – Women's Issues in Health Care

Credit: 3 hours

Description: This is a survey of women's specific health issues and medical care, promotion of health and prevention of illness, and a study of the tools needed by today's healthcare administrators for creation of diverse and inventive leadership strategies.

Lecture/Lab Hours: Three hours per week.

HLSA 3380 – Health Communications

Credit: 3 hours

Description: This course provides an introduction to the fundamental communication principles used in health care, including provider-client communication and education, provider-provider communication, and intercultural health communication. The course examines empirical research in health communication, behavioral and rhetorical theories in health communication, legal and ethical concerns in health communication, and the communication of risk and uncertainty.

Lecture/Lab Hours: Three hours per week.

HLSA 3390 – Bioethics

Credit: 3 hours

Description: This course provides an introduction to the major ethical theories and principles of bioethics. This knowledge will be applied to the analysis of ethical problems that arise in the health-care field. Topics include, for example, health care distribution, health care decision-making, assisted suicide and euthanasia, nonstandard reproduction and reproductive rights, the human genome project and the use of genetic information, and research involving human subjects.

Lecture/Lab Hours: Three hours per week.

HLSA 3400 – Introduction to Sport and Fitness Management

Credit: 3 hours

Description: This survey course illustrates the foundations and principles on which sport and fitness management operate, and also allows students to explore career opportunities in the field. Topics covered include facilities and personnel management, marketing, financial, legal and ethical principles as they relate to sport and fitness-related enterprises. It also explores the historical aspects, current state and future trends of the industry.

Lecture/Lab Hours: Three hours per week.

HLSA 3410 – Introduction to Exercise Science

Credit: 3 hours

Description: This course provides students with an introduction to the important aspects of exercise science, including areas of study, technology, research, certifications, and career opportunities. Topics covered include basic exercise physiology, exercise epidemiology, biomechanics, athletic training, motor control and learning, sport nutrition, and sport psychology.

Lecture/Lab Hours: Three hours per week.

HLSA 3420 – Nutrition and Wellness

Credit: 3 hours

Description: This course introduces the important relationship between nutrition, health promotion, and wellness in individuals and across populations. Topics of discussion include nutritional requirements and guidelines, nutritional needs at various ages and fitness levels, nutritional and exercise based weight management, and global nutrition issues.

Lecture/Lab Hours: Three hours per week.

HLSA 3440 – Fitness Across the Lifespan

Credit: 3 hours

Description: This course is a study of the basic concepts relating to health and well-being across the lifespan, including physical, mental, emotional and socio-environmental dimensions of health. It will cover physical fitness and nutrition, health care services, sexuality and relationships, and current health problems.

Lecture/Lab Hours: Three hours per week.

HLSA 3900 – Health Promotion and Education

Credit: 3 hours

Description: Introduction to the professional field of health education and the fundamental concepts of health education and health promotion. The subject matter rooted in the broad field of public health, with an emphasis on the roles of health promotion and illness prevention. Stress is placed upon the relationship between health, the social and physical environment, health care delivery and personal health behavior. Emphasis will be given to the process and practice of health promotion and the application of related health behavioral theories and models.

Lecture/Lab Hours: Three hours per week.

HLSA 4000 – Special Topics in Health Care

Credit: 1-6 hours

Prerequisites: HSLA 3310 and HLSA 3320, or permission of the instructor

Description: Courses are designed to focus on topics that are not otherwise offered but for which there is a current need.

Students are expected to do a project in the area of Health Care and will review appropriate related professional journal articles.

Notes: This course may be repeated.

Lecture/Lab Hours: Varied.

HLSA 4100 – Human Resource Management in Health Care

Credit: 3 hours

Prerequisites: HLSA 3320

Description: This is an introduction to the management of human resources, including, recruiting, retention, training, counseling, termination, outsourcing, human resource legislation, etc. Issues related specifically to healthcare, including Joint Commission on Accreditation of Healthcare Organizations standards, medical staff credentialing, certification, etc.

Lecture/Lab Hours: Three hours per week.

HLSA 4200 – Independent Study

Credit: 3 hours

Prerequisites: HLSA 3310 and HLSA 3320

Description: This course is individually designed under the direction of faculty to allow students opportunities to explore a specific area of interest.

Notes: This course may be repeated.

HLSA 4300 – Exercise Testing and Prescription

Credit: 3 hours

Prerequisites: HLSA 3410, BIOL 1114K&L, BIOL 1124 K&L

Description: This course examines the physiological principles and techniques used to screen, test, and evaluate the following components of fitness: cardiorespiratory fitness, muscular fitness, flexibility, and body composition. Guidelines to prescribe exercise and conduct the exercise session for individuals of differing ages and health status will be discussed.

Lecture/Lab Hours: Three hours per week.

HLSA 4320 – Injury Prevention and Rehabilitation

Credit: 3 hours

Prerequisites: HLSA 3410

Co-requisites: HLSA 4300

Description: This course provides an introduction to the prevention, evaluation, and treatment of injuries, especially those related to sport and fitness activities. Topics include the evaluation of injuries, emergency medical procedures, prevention, and treatment methods for musculoskeletal injuries, environmental illness and nutritional problems.

Lecture/Lab Hours: Three hours per week.

HLSA 4400 – Rural Health Care Services

Credit: 3 hours

Description: This is an examination of the delivery and management of health care services in rural areas. The availability of services is directly impacted by the demographic, economic, and social conditions which exist within the rural environment.

Lecture/Lab Hours: Three hours per week.

HLSA 4410 – Health Law and Ethics

Credit: 3 hours

Prerequisites: HLSA 3310

Description: This is an examination of the legal and ethical aspects of health care administration. Includes discussion of case studies illustrative of the current legal and political environment in the health care industry.

Lecture/Lab Hours: Three hours per week.

HLSA 4420 – Long-term Care Administration

Credit: 3 hours

Co-requisites: HLSA 3310

Description: Must be enrolled in Health Services Administration. This course provides a foundation for understanding nursing home administration, the environment in which nursing homes operate, and the management processes which produce positive outcomes in the long-term care setting.

Lecture/Lab Hours: Three hours per week.

HLSA 4425 – Ambulatory Care Services

Credit: 3 hours

Prerequisites: HLSA 3310

Co-requisites: HLSA 3320

Description: Restriction: Must be enrolled in Health Services Administration This course examines the management of various ambulatory health care settings, including sub acute care, physicians' offices, community health centers, medical group practices, rehabilitation centers, and behavioral health centers/clinics. Exploration of legal and financial issues, clinical trends, and support services and their coordination will be emphasized.

Lecture/Lab Hours: Three hours per week.

HLSA 4430 – Health Care Economics

Credit: 3 hours

Description: This is an examination of the trends, financing, and principles of health economics. Includes an overview of both microeconomics and macroeconomics.

Lecture/Lab Hours: Three hours per week.

HLSA 4435 – Managed Care

Credit: 3 hours

Prerequisites: HLSA 3310

Description: This is a study of the essentials of managed health care, including the various structures of managed care and the dynamic political and economic forces driving this approach to the financing and delivery of health care services.

Lecture/Lab Hours: Three hours per week.

HLSA 4463 – Case Management Concepts and Services

Credit: 3 hours

Description: The philosophy and principles of case management, including identifying treatment modalities, establishing goals and treatment plans through assessment of clinical information, establishing referral sources, and becoming a patient/client advocate.

Lecture/Lab Hours: Three hours per week.

HLSA 4470 – Design & Management

Credit: 3 hours

Prerequisites: HLSA 3310

Description: An overview of the field of health informatics, fundamental concepts of information systems, and day-to-day management and applications of information systems in healthcare. This course is designed to develop intelligent consumers/managers of healthcare information technology.

Lecture/Lab Hours: Three hours per week.

HLSA 4475 – Regulatory Aspects of Long Term Care

Credit: 3 hours

Prerequisites: HLSA 3310, HLSA 3320, HLSA 4420

Description: The structure, function, and role of accreditation agencies for long term care institutions are examined. Emphasis is placed on the examination of the accreditation process and mechanisms that allow it to be in compliance with accreditation standards and guidelines. Federal, state, and local legislation regulations and their relationship to accreditation and approval are addressed.

Lecture/Lab Hours: Three hours per week.

HLSA 4480 – Health Care Financial Management

Credit: 3 hours

Prerequisites: ACCT 2101

Description: This is an introduction to accounting terminology and procedures, financial statements, the budgeting process, and financial decision making in health care organizations. Emphasis will be placed on the use of financial information in administrative decision making.

Lecture/Lab Hours: Three hours per week.

HLSA 4490 – Integrative Issues in Health Care Administration

Credit: 3 hours

Prerequisites: Restriction: Must be enrolled in Health Services Administration

Description: This capstone course serves to integrate the issues dealing with the most current health care system changes. Factors impacting upon the system such as economic trends, legal/ethical issues, employment trends, new technological developments, and population demographics will be explored and discussed, including the implications of these factors for the management of various types of health care organizations. This should be the student's final course

Lecture/Lab Hours: Three hours per week.

HLTH 1101 – Health

Credit: 2 hours

Prerequisites: None

Description: Study of mental and emotional health, cardiovascular disorders, human reproduction, sexually transmitted diseases, drugs, and principles of physical fitness, nutrition and weight management.

Lecture/Lab Hours: Two hours of lecture per week.

HS 1000 – Perspectives on Healthcare Professions

Credit: 4 hours

Description: This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to healthcare professions. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to issues of healthcare professionals and to gain experience in developing and presenting original arguments in oral forms. Students will utilize available technologies, research a related healthcare issue both on the Internet and in the library, prepare a paper using a word processor, and provide an oral presentation about the healthcare issue they research.

Notes: This class is a four credit hour class consisting of lectures, guest speakers, field trips, and/or group activities.

Lecture/Lab Hours: Four hours per week.

HS 1002 – Perspectives on Death and Dying

Credit: 4 hours

Description: This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to death and dying. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to issues of death and dying and to gain experience in developing and presenting original arguments in oral forms. Loss, death, and the process of dying will be examined from physiological, psychological, sociocultural, and ethical/legal perspectives. The idea of death across the lifespan will be approached from viewpoints of the individual, family, significant others, and health care providers. The concepts of "death with dignity" will be explored. Using available technology, students will research a related topic on the Internet and prepare a paper using word processing.

Lecture/Lab Hours: Four hours per week.

HS 1003 – Perspectives on Wellness

Credit: 4 hours

Description: This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to wellness. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to issues of wellness and to gain experience in developing and presenting original arguments in oral forms. Based on the most current, accurate health information available, this course focuses on the basic components of wellness and physical fitness in an individualized manner. Students learn to make decisions concerning personal health behaviors by developing and regularly updating a personal plan for physical fitness and wellness. The concepts of exercise, nutrition, illness prevention, and various other dimensions of well-being will be explored.

Students will use computer software to develop a personalized nutrient analysis. Through group process, students will prepare and present orally to the class various concepts of wellness and fitness. Using available technology, students will research a related topic on the Internet and prepare a paper using word processing.

Lecture/Lab Hours: Four hours per week.

HS 1004 – Perspectives on Women's Health

Credit: 4 hours

Description: This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to women's health. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of women's health and to gain experience in developing and presenting original arguments in oral forms. This course reviews issues related to women's levels of wellness throughout the lifespan. Maturation of the female from puberty to the older adult will be explored. Issues such as reproductive health, pregnancy, cancer, sexually transmitted diseases, the female heart, and physical disorders will be discussed. Students will put together a journal that will be reflective of their own health status. Also students will utilize library resources and online material to prepare a paper on a women's health topic of interest and develop an oral presentation about the issue researched.

Lecture/Lab Hours: Four hours per week.

HS 1005 – Perspectives on Ethics in Health Care

Credit: 4 hours

Description: This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to ethics in health care. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to ethical issues in health care and to gain experience in developing and presenting original arguments in oral forms. This course reviews the ethics of decision making within America's health care system. Ethical theories will be investigated and medical principles explored. Critical thinking skills will be explored for dealing with facts, concepts, basic principles, and ambiguity within the context of the ethical theories and medical ethical principles.

Lecture/Lab Hours: Four hours per week.

HS 2000 – Medical Terminology

Credit: 2 hours

Description: This course is an introduction to medical terminology, including root words, prefixes, suffixes, and combining forms. The course includes the proper pronunciation and use of medical terms in clinical reports as well as an introduction to pharmacology including commonly used drugs.

Lecture/Lab Hours: Two hours per week.

HS 4450 – Applied Learning Experience

Credit: 3 hours

Prerequisites: Permission of Instructor

Description: Restriction: Must be enrolled in a Department of Health Services degree program. Experiences will be individually designed by program faculty.

Lecture/Lab Hours: Nine laboratory hours per week.

HS 4451 – Applied Learning Experience II

Credit: 3 hours

Prerequisites: HS 4450 and Permission of Instructor

Description: Restriction: Must be enrolled in a Department of Health Services degree program. Experiences will be individually designed by program faculty.

Lecture/Lab Hours: Nine laboratory hours per week.

HUMN 1001 – Perspectives on Narrative

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communication through an introduction to narrative. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of narrative and to gain experience in developing and presenting original arguments in oral forms. The course examines two things: 1) how one employs storytelling for the purpose of self-discovery and self expression, 2) how a writer composes a story in the literary form called narrative. In addition to composing personal narratives, students study selected literary autobiographies.

Lecture/Lab Hours: Four hours per week.

HUMN 1001H – Honors Perspectives on Narrative

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communication through an introduction to narrative. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of narrative and to gain experience in developing and presenting original arguments in oral forms. The course examines two things: 1) how one employs storytelling for the purpose of self-discovery and selfexpression, 2) how a writer composes a story in the literary form called narrative? In addition to composing personal narratives, students study selected literary autobiographies.

Lecture/Lab Hours: Four hours per week.

HUMN 1002 – Perspectives on Society and Film

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communication through an introduction to society in film. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of society in film and to gain experience in developing and presenting original arguments in oral forms. The course examines various connections between American films and American society and culture. Looking at films from different genres and different eras, the course will emphasize three general connections between film and society: how films record prevailing American values and attitudes, how films sometimes protest and attempt to change values and attitudes, and how some historical films attempt to revise our understanding of historical events and eras.

Lecture/Lab Hours: Four hours per week.

HUMN 1003 – Perspectives on Humor, Romance, and War

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communication through an introduction to humor, romance, and war. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of humor, romance, and war and to gain experience in developing and presenting original arguments in oral forms. This is an introduction to the relationships between the arts and culture. Through the study of various creative works of literature, print and visual media, theatre, and music, students will examine and respond to various creative cultural expressions that are prompted by war.

Lecture/Lab Hours: Four hours per week.

HUMN 1004 – Perspectives on Ethics

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communication through an introduction to ethics. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of ethics and to gain experience in developing and presenting original arguments in oral forms. This course examines ethical questions as reflected in literature and film from various times and places. Traditional theories of ethics and literacy interpretation will be used for analysis.

Lecture/Lab Hours: Four hours per week.

HUMN 1005 – Perspectives on Prime-Time TV

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communication through an introduction to prime-time TV. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of prime-time TV and to gain

experience in developing and presenting original arguments in oral forms. The course will help students learn to better analyze their television viewing habits and interpret the messages TV communicates so as not to be passive consumers of information. As a result, students will learn to think more clearly and concretely about the effect television has on their lives and to think more deeply about cultural issues. The course will use prime-time TV as a vehicle for discussing the importance of making critical judgments.

Lecture/Lab Hours: Four hours per week.

HUMN 1009 – (SSCI 1009) Perspectives on Global Cultures

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communication through an introduction to the social transformations of global culture. The course includes an online Critical Thinking and Oral Communication (CTOC) component. Traditional classroom work will explore the topics of global population shifts, changing cultural identities, economic challenges resulting from these changes, and how these topics are depicted in various media. The course offers an opportunity for students to apply critical thinking skills to these global transformations and to gain experience in developing and presenting original arguments in oral forms.

Lecture/Lab Hours: Four hours per week.

HUMN 1011 – Perspectives on Genre Fiction

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communication through an introduction to genre fiction, which may include speculative, horror, fantastic, romantic, crime, or science fiction. The course includes an online Critical Thinking and Oral Communication (CTOC) component. In addition, traditional classroom work will examine and discuss texts in a particular genre and consider how these texts represent cultural concerns. The course offers an opportunity for students to apply critical thinking skills to genre fiction and to gain experience in developing and presenting original arguments in oral forms.

Lecture/Lab Hours: Four hours per week.

HUMN 2111H – Honors Humanities

Credit: 3 hours

Prerequisites: ENGL 1102/1102H and admission to the Honors Program

Description: The honors seminar will investigate a selected topic in the humanities. This course is for the superior student, and admission is by invitation of the Honors Program. This course may be repeated.

Lecture/Lab Hours: Three hours per week.

HUMN 2151 – Special Topics

Credit: 3 hours

Prerequisites: ENGL 1102/1102H

Description: The course will explore a selected topic in the humanities from an interdisciplinary perspective.

Lecture/Lab Hours: Three hours per week.

HUMN 2152 (SCIE 2152) – Science, Poetry, and the Imagination

Credit: 3 hours

Prerequisites: ENGL 1102/1102H

Description: This is an interdisciplinary course connecting humanities and natural sciences and mathematics. This course examines the use of metaphor and symbol in understanding poetry and the use of model in understanding scientific theory.

Lecture/Lab Hours: Three hours per week.

HUMN 2155 – Survey of Humanities I

Credit: 3 hours

Prerequisites: ENGL 1102/1102H

Description: This course is an introduction to the art, theatre, literature, and music from the Ancient World through the Renaissance.

Lecture/Lab Hours: Three hours per week.

HUMN 2156 – Survey of Humanities II

Credit: 3 hours

Prerequisites: ENGL 1102/1102H

Description: This course is an introduction to the art, theatre, literature, and music from the Reformation through the Contemporary Period.

Lecture/Lab Hours: Three hours per week.

HUMN 2205 (SSCI 2205) – Gender, Social Science, and Art

Credit: 3 hours

Prerequisites: ENGL 1102/1102H

Description: This interdisciplinary course examines specific topics concerning gender, art, and society. It explores the portrayal of gender in the artistic works of a selected area of the humanities (art, literature, music, drama, or speech) and in one of the social sciences (anthropology, history, political science, psychology, or sociology).

Lecture/Lab Hours: Three hours per week.

HUMN 3010 – Introduction to Cultural Studies

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This course presents students with an overview of the methods and strategies used in cultural studies to analyze how culture acts on individuals and groups in a society, how it is produced, and how culture is mediated in different contexts and geographical spaces. Students will conduct research about, read, and interpret cultural texts and write cultural criticism. This is a writing intensive course.

Lecture/Lab Hours: Three hours per week.

HUMN 3206 – Gender Studies

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This course is an interdisciplinary introduction to gender studies. Viewing gender as a social construct, the course will examine such issues as gender roles in society, the interaction between private and personal life, and self-definition in a culture with gendered expectations.

Lecture/Lab Hours: Three hours per week.

HUMN 3501 – Applied Linguistics

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This course examines morphology, phonology, and syntax in Applied Linguistics and Second Language Acquisition in a cross-cultural context.

Lecture/Lab Hours: Three hours per week.

HUMN 3999 – Special Topics

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This is an intensive study of a significant topic in the humanities from an interdisciplinary perspective. This is a writing intensive course.

Lecture/Lab Hours: Three hours per week.

HUMN 3999H – Honors Special Topics

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H and admission to the Honors Program

Description: This is an intensive study of a significant topic in the humanities not otherwise covered in course offerings. Required is an end of semester research project that reflects rigorous intellectual engagement with a topic and advanced independent research skills. This course is for the superior student, and admission is by invitation of the faculty to selected students who have been admitted to the Honors Program.

Lecture/Lab Hours: Three hours per week.

HUMN 4340 – Introduction to Ethics

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This course will examine traditional, philosophical, and ethical principles. Topics will include the construction of ethical systems, the use of ethics in making daily decisions, and the role of ethics in a digital world.

Lecture/Lab Hours: Three hours per week

HUMN 4471 – Comparative Cultures

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This course compares different cultures in aspects such as communication, social mores, history, literature, and visual arts. Choice of cultures for study will vary. This is a writing intensive course.

Lecture/Lab Hours: Three hours per week.

HUMN 4472 – Studies in Culture

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This course will explore a selected topic in cultural studies from a historical perspective and a comparative perspective. This is a writing intensive course.

Lecture/Lab Hours: Three hours per week

HUMN 4480 – History of Print

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: The course traces writing from its very beginnings, looking at such topics as memory, literacy, and scribes; the Gutenberg Bible and moveable type; public and private libraries; reading practices; subscriptions and periodicals; newspapers and political power; broadsheets; and book publishing.

Lecture/Lab Hours: Three hours per week

HUMN 4482 – Popular Culture

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This course will examine a range of texts from American mass culture, including popular fiction, advertising, television, popular music, popular magazines, and cyber culture. The course will emphasize methods of analyzing these texts and examine questions they raise about the nature of popular culture in America.

Lecture/Lab Hours: Three hours per week

IDS 3800 – Methods in Interdisciplinary Research

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This course provides students with a solid foundation in the methods of interdisciplinary research and writing. Selected topics of study will vary. Students will produce an extended essay and do an oral report based on their research.

Lecture/Lab Hours: Three hours per week.

IDS 4010 – Gender, Media, and Culture

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This course examines gendered American culture through its media, including effects of race and class on fiction, drama, film, magazines, advertising, music, television, and new media. It also examines theories of gender and media representation.

Lecture/Lab Hours: Three hours per week

IDS 4020 – Science, Politics, and Culture

Credit: 3 hours

Prerequisites: POLS 1101 and ENGL 1102/1102H or permission of instructor

Description: This is an interdisciplinary course that examines the relationship between science, culture and politics. Through an exploration of case studies, literature, film, or other relevant bodies of work in the humanities, natural, and social sciences, students explore how scientific discoveries, the political process, and culture are interrelated.

Lecture/Lab Hours: Three hours per week.

IDS 4030 – Film, Literature, and Culture

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This interdisciplinary course examines the relationship between film, literature, and culture. It explores the theory, practice, and cultural significance of adapting novels and other literary texts into films.

Lecture/Lab Hours: Three hours per week.

IDS 4040 – Fashion, Literature, and Culture

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This course is an introduction to the study of material culture, the relationship between artifacts and social relations, through an interdisciplinary perspective. Choice of specific topics for study will vary and may include fashion and dress, the decorative arts, or technology.

Lecture/Lab Hours: Three hours per week.

IDS 4050 – Performance, Literature, and Culture

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This is an interdisciplinary course introducing students to the field of performance studies. Topics may include memoir and autobiography, self-portraiture, performance art, documentary, dress and self-fashioning. Various modes of analysis including visual, literary, and historical methods will be employed.

Lecture/Lab Hours: Three hours per week.

IDS 4060 – Madness, Literature, and Culture

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This interdisciplinary course examines how society deals with madness and mental illness through its medical institutions. It also explores how culture, through film, literature, and the media, represents madness.

Lecture/Lab Hours: Three hours per week

IDS 4070 – Organizations, Technology, and Culture

Credit: 3 hours

Prerequisites: ENGL 1102 or ENGL 1102H

Description: This interdisciplinary course examines the individual within the organization and how the individual is shaped as a participant within a particular organization by various cultural and technological indices. Philosophies of capital and labor will be discussed in the context of current societal issues.

Lecture/Lab Hours: Three hours per week.

ISCI 2001K – Integrated Science - Life and Earth Science

Credit: 3 hours

Prerequisites: Completion of at least one Area D Lab Science Elective.

Description: This course is intended for students planning a career in elementary education. The course will focus on giving students a conceptual understanding of important concepts of Life and Earth science and the application of pedagogical knowledge grounded in research-based techniques necessary to teach these concepts in order to meet the diverse needs of learners across P-5 grade environments. Topics will include the characteristics of life, biodiversity, heredity, energy flow, interdependence of life, cellular structure and function, earth systems, astronomy, and the biosphere. Use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours lecture and one hour of laboratory per week.

ISCI 2002K – Integrated Science - Physical Science

Credit: 3 hours

Prerequisites: Completion of at least one Area D Lab Science Elective.

Description: This course is intended for students planning a career in elementary education. The course will focus on giving students a conceptual understanding of important concepts of physical science and the application of pedagogical knowledge grounded in research-based techniques necessary to teach physical science concepts in order to meet the diverse needs of learners across P-5 grade environments. Topics will include mechanics, matter and energy, electricity and magnetism, and waves and optics. The level of mathematics required will be the level of one equation and one unknown. Use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours lecture and one hour of laboratory per week.

ITEC 1001 – Perspectives on the History of Computing

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communication through an introduction to the history of computing. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of computing and to gain experience in developing and presenting original arguments in oral forms. This course will explore the development of the modern computer, from pre-computer times to present day, with special emphasis placed on people, places, and machines as well as the societal impact of computing.

Lecture/Lab Hours: Four hours per week

ITEC 2201 / BUSA 2210 – Business Information Applications

Credit: 3 hours

Description: This is a course designed to provide an overview of information analysis concepts and applications in today's business environment. Topics include a brief history of information technology use in business, the information processing cycle, networking, and business operations in the online world. Emphasis is on business productivity software including spreadsheets, business databases, presentation software, e-mail, basic Web page development, and Internet utilization. Students make oral presentations using PowerPoint presentation software. This course may not be substituted for ITEC 2215.

Lecture/Lab Hours: Three hours lecture and laboratory combination per week.

ITEC 2215 – Introduction to Information Technology

Credit: 3 hours

Description: This course uses short projects to introduce the student to the major information technologies of hardware, systems software, networking, web development, software and applications development, systems analysis, digital media, and database. Security and ethical issues as they affect the use of technologies are also discussed.

Lecture/Lab Hours: Three hours per week.

ITEC 2260 – Introduction to Computer Programming

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 2215 and MATH 1111 or higher (excluding MATH 2008)

Description: This course is an introduction to computer programming, logic, design and implementation. Topics include software design, documentation, coding methods, data types, data structures, functions, subroutines and program control structures.

Lecture/Lab Hours: Three hours per week.

ITEC 2270 – Application Development

Credit: 3 hours

Prerequisites: At least a "C" in either ITEC 2260 or CPSC 1301

Description: This course extends ITEC 2260 and develops applications using a programming language.

Lecture/Lab Hours: Three hours per week.

ITEC 2299 – Special Topics in Information Technology

Credit: 3 hours

Prerequisites: Permission of Program Chair

Description: Study of a topic relevant to IT (e.g., information security; networking; digital media; software development; and gaming design), and current & emerging topics in information technology. The course may be repeated with different content up to five times.

Lecture/Lab Hours: Three hours per week.

ITEC 2320 – Networking Essentials

Credit: 3 hours

Prerequisites or Co-requisites: ITEC 2215 or CSCI 1001

Description: This course covers the architecture, function, and configuration of computer hardware and networks, along with basic operating system software function. The students are introduced to network and communications concepts including operational issues surrounding network planning, configuration, monitoring, trouble shooting, and management.

Lecture/Lab Hours: Three hours per week.

ITEC 2380 – Web Development

Credit: 3 hours

Prerequisites or Co-requisites: ITEC 2215 or CSCI 1001

Description: This course introduces concepts and practices associated with Web site development. Focus is on site and page design, page layout techniques, styling methods, coding practices, selection of typography, graphics, and multimedia, accessibility issues, site publishing, testing and maintenance, and site marketing.

Lecture/Lab Hours: Three hours per week.

ITEC 2400 – Industry Trends and Disruptive Technologies

Credit: 3 hours

Prerequisites: None

Description: This course is a survey of new and emerging IT trends and disruptive technologies in industry. Emphasis will be given to the way technologies create a competitive edge and generate business value.

Lecture/Lab Hours: Three hours per week.

ITEC 2410 – Web Applications Programming

Credit: 3 hours

Prerequisites: None

Description: This course covers the design and development of dynamic, data-driven web-based applications using client and server-side technologies. Other topics include security, legal, and ethical issues associated with web applications.

Lecture/Lab Hours: Three hours per week.

ITEC 2420 – Big Data Analysis

Credit: 3 hours

Prerequisites: None

Description: This course introduces core statistical skills and data analytics techniques used to manipulate and analyze big datasets and interpret outcome from data analysis for efficient decision-making, business intelligence, and scientific discovery.

Lecture/Lab Hours: Three hours per week.

ITEC 2430 – Cybersecurity

Credit: 3 hours

Prerequisites: None

Description: This course provides a fundamental overview of the objectives in cybersecurity systems and lays a foundation for subsequent topical courses in the area of cybersecurity systems. Topics covered include: security risk assessment and management; policies, procedures and guidelines for information security programs; IT security controls and technologies, security standards, compliance, and cyber laws; IT auditing; cyber insurance strategies; and emerging topics.

Lecture/Lab Hours: Three hours per week.

ITEC 2440 – IT Entrepreneurship and Innovation

Credit: 3 hours

Prerequisites: None

Description: This course covers the foundations of entrepreneurship and innovation, the creation of a new business model, the planning for an effective, scalable startup organization, and the planning for growth change, and sustainability of a new organization..

Lecture/Lab Hours: Three hours per week.

ITEC 3155 – Systems Analysis and Design

Credit: 3 hours

Prerequisites: At least a “C” in either ITEC 2215 or ITEC 2201 or CSCI 1001

Description: Using the object-oriented approach, students will analyze and define, using UML, the system requirements of the organization. Students will participate in either a simulation or case study in order to experience the operational flow of organizational systems. The technology independent logical model showing the requirements for the system will be created.

Lecture/Lab Hours: Three hours per week.

ITEC 3220 – Hardware and Systems Software

Credit: 3 hours

Prerequisites or Co-requisites: ITEC 2270 or CSCI 1302

Description: This course covers the basic organization of a computer. Topics include logic design at the circuit level, functions of a computer system, and information transfer and control.

Lecture/Lab Hours: Three hours per week.

ITEC 3235 – Human Computer Interaction

Credit: 3 hours

Prerequisites: At least a “C” in ITEC 2201 or ITEC 2215 or CSCI 1001

Description: This course covers the scientific principles, HCI design methodology, and the user-interface technology that are used in the HCI implementation. Topics include human cognition, HCI theories, user observation, task analysis, prototyping, evaluation techniques, user interface modalities, graphical user interface components, and accessibility.

Lecture/Lab Hours: Three hours per week.

ITEC 3236 – Interactive Digital Media

Credit: 3 hours

Prerequisites: At least a “C” in ITEC 2201 or ITEC 2215 or CSCI 1001

Description: This course covers audio, graphic, and instructional video theory and creation. The student is taught how to develop the interactive product as a communication tool by incorporating various media, communication principles, user interfaces, and interactive designs. Principles and applications of color theory, spatial placement, product planning, testing, and implementation are also discussed.

Lecture/Lab Hours: Three hours per week.

ITEC 3245 – Database Principles

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 2201 or ITEC 2215 or CSCI 1001

Description: This course covers the basic principles and practices behind the modern database management system including: the models and methodologies that enable us to analyze and design data systems; the logical concepts that stand behind “good database design”; and the functional components of the DBMS and how they work together to bring about the management of data.

Lecture/Lab Hours: Three hours per week.

ITEC 3264 – Data Structures and Algorithm Analysis

Credit: 3 hours

Prerequisites: At least a “C” in ITEC 2270 or CSCI 1302

Description: This course addresses different data structures and their associated algorithms commonly used in software systems., including their design, analysis, and implementation. Topics will include abstract data types, arrays, lists, queues, stacks, recursions, generic programming, hash tables, heaps, trees, graphs, sorting, searching, linked structure, and path finding.

Lecture/Lab Hours: Three hours per week.

ITEC 3265 – Operating Systems

Credit: 3 hours

Prerequisites: At least a “C” in ITEC 2320 and ITEC 3220 and either ITEC 2270 or CSCI 1302

Description: This course addresses fundamental principles and functions of modern operating systems. Topics will include process management, threads, scheduling, deadlocks, memory management, storage management, input/output, protection and security, multiple processor systems, and distributed systems.

Lecture/Lab Hours: Three hours per week.

ITEC 3280 – Web Programming

Credit: 3 hours

Prerequisites: At least a “C” in ITEC 2380 and ITEC 2270 or CSCI 1302

Description: This course is an introduction to client-based Web processing environments; coverage of the browser document object model, dynamic formatting, and styling, browser scripting languages, user interaction, and personalization, data validation and processing of browser-side data structures, data exchange languages, and database access.

Lecture/Lab Hours: Three hours per week.

ITEC 3300 – Project Management

Credit: 3 hours

Prerequisites: At least a “C” in either ITEC 2215 or ITEC 2201 or CSCI 1001

Description: This course introduces the concepts and practices associated with Project Management. The focus is on the following knowledge areas in project management: scope, time, cost, quality, human resource, communication, risk, and procurement.

Lecture/Lab Hours: Three hours per week.

ITEC 3310 – Information Technology and Organizational Integration

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 3300

Description: This course provides an overview of the technological trends and the modern global organization. It includes discussions on technology leadership, management, systems development, and support mechanisms, as well as the technological implications of strategies focused on corporate efficiencies and competitive edge.

Lecture/Lab Hours: Three hours per week.

ITEC 3325 – Windows System Administration

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 2320

Description: Using a networked laboratory, the student will learn to manage, via Microsoft networking software, a wide variety of network capabilities, such as directory structures, drive mappings, security issues, printing domains, user environments, and network utility services.

Lecture/Lab Hours: Three hours per week.

ITEC 3328 – Linux Systems Administration

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 2320

Description: This course explores the Linux operating system environment and fundamental Linux systems administration principles. Aspects such as origins of this operating system, its differences with UNIX, the use of the command line, file and memory management, Linux GUI environments, and basic Linux systems administration are covered.

Lecture/Lab Hours: Three hours per week.

ITEC 3340 – Business Analysis Using Excel

Credit: 3 hours

Prerequisites: Either MATH 1200 or MATH 2120 and either ITEC 2201 or ITEC 2215

Description: This course introduces the student to decision making and business analysis using Excel tools and utilities. Coverage includes logic, expression and formula building as well as statistical, what-if, and financial analysis.

Lecture/Lab Hours: Three hours per week.

ITEC 3351 – Analytics and Organizational Intelligence

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 3155 and ITEC 3245 and either MATH 1200 or MATH 2120

Description: This course introduces the concepts and practices associated with systems that provide for decision support and organizational intelligence in the organization context. The focus is on the techniques, approaches and tools associated with the design, implementation, and mining of information to provide knowledge for data driven organizations.

Lecture/Lab Hours: Three hours per week.

ITEC 4200 – Foundations of Information Assurance

Credit: 3 hours

Prerequisites: At least a "C" in either ITEC 2215 or ITEC 2201 or CSCI 1001

Description: This course covers an understanding of communications and IT infrastructures, their vulnerabilities, and the complexity of security threats faced by business and industry. Topics discussed are the development of security plans and practices; policies; awareness and compliance programs; protections; and legal and regulatory issues.

Lecture/Lab Hours: Three hours per week.

ITEC 4205 – Legal and Ethical Issues

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 2201 or ITEC 2215 or CSCI 1001

Description: This course provides the opportunity for IT majors to learn about the legal, regulatory, and ethical issues involved in the field of information technology. Topics include ethics, critical thinking, security, privacy, and current legal issues.

Lecture/Lab Hours: Three hours per week.

ITEC 4230 – Graphic Imaging

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 3236

Description: This course will examine industry techniques for providing an effective presentation of graphic images. The students will also survey tools that are used for production. Students will be provided with the necessary background to pursue a course of study in graphic design and digital media development. Completed projects can be used for desktop publishing projects, authoring, and web-based delivery applications.

Lecture/Lab Hours: Three hours per week

ITEC 4231 – Designing Content for Instructional Applications

Credit: 3 hours

Prerequisites: At least a "C" in both ITEC 3235 and ITEC 3236

Description: This course provides a study of learning theory and the principles of designing and developing informative content to communicate technical information for the Web and other environments for both technical and non-technical users. Topics include audience assessment, IT documentation design, and help content development.

Lecture/Lab Hours: Three hours per week.

ITEC 4237 – 3D Modeling and Animation

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 3236

Description: This course explores the theory and application of 3D geometric model generation and animation. Topics include polygonal modeling, skeleton, skinning, inverse kinematics, rigging, lights and effects, mesh and non-uniform rational B-spline modeling, textures, and subdivision and levels of model detail. Students will be required to develop and animate a complex 3D model.

Lecture/Lab Hours: Three hours per week.

ITEC 4238 – 2D Computer Animation

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 3236

Description: This course will examine 2D computer animation techniques using a popular industry-standard tool such as Flash. Emphasis will be on developing animations for use in interactive environments and the Web. Other topics include storyboarding, deconstruction, and vector graphic design.

Lecture/Lab Hours: Three hours per week.

ITEC 4242 – Database Administration

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 3245

Description: This course will teach basic database features, tools, and administrative tasks. The administrative tasks involved are installation and upgrade of a DBMS, user account and security management, backup and recovery procedures, and performance monitoring and tuning using a current Database Management System package. These tasks will be discussed in relation to database planning, design, implementation, operation, and maintenance.

Lecture/Lab Hours: Three hours per week.

ITEC 4244 – Database Programming

Credit: 3 hours

Prerequisites: At least a "C" in both ITEC 2270 and ITEC 3245

Description: This course provides a comprehensive introduction to the common relational database in programming concepts. Topics include advanced coverage of the SQL language, data types, database procedural languages, function and stored procedure development, transactions, triggers, indexes, and sequences. Common database connectivity issues will also be discussed.

Lecture/Lab Hours: Three hours per week.

ITEC 4248 – Web Development Environments

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 3280

Description: The course covers use of enterprise-level products and methods for the design, development, deployment, maintenance, and administration of Web sites; study and application of strategies, tools and techniques for creation of data-driven sites for electronic commerce, information management, data exchange, and other organizational applications.

Lecture/Lab Hours: Three hours per week.

ITEC 4250 – Computational Intelligence

Credit: 3 hours

Prerequisites: At least a “C” in ITEC 3264

Description: This course introduces the fundamental principles, algorithmic framework, and techniques in computational intelligence used to solve various challenging problems in game playing, data analytics, vision and robotics. Topics will include knowledge representation, decision making, machine learning, data analytics, searching and planning, and various intelligent applications.

Lecture/Lab Hours: Three hours per week.

ITEC 4254 – Business Driven Technology

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 2215 or ITEC 2201

Description: This course discusses issues related to management of information resources (i.e., hardware, software, and people) in a manner conducive to effective and efficient methods employed in the organizational context. Focus is on the tools, techniques, and approaches leveraged in contemporary firms.

Lecture/Lab Hours: Three hours per week.

ITEC 4255 – Game Design and Development

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 2270, ITEC 3235, and ITEC 3236

Description: An introduction to the technologies and practices underlying computer and console game development and principles involved in effective game design and production. Topics include computer game graphics, sound and studio, level design, principles of game play, interactive storytelling, character control and artificial intelligence, user interface design.

Lecture/Lab Hours: Three hours per week.

ITEC 4261 – Java Programming

Credit: 3 hours

Prerequisites: At least a “C” in either ITEC 2270 or CSCI 1302

Description: Java is one of the most popular object-oriented programming languages, especially widely used in the modern web and mobile environment. This course focuses on core concepts of object-oriented programming and explores fundamental programming structures and various features of Java. Topics will include OOP design, data types, object and class, interfaces, inheritance, event handling, swing, exceptions, generic programming, collections, and multithreading.

Lecture/Lab Hours: Three hours per week.

ITEC 4266 – C++ Programming

Credit: 3 hours

Prerequisites: At least a “C” in either ITEC 2270 or CSCI 1302

Description: Students review computer problem-solving strategies and methods. Then the focus is on C/C++ syntax for implementing basic control structures, elementary data types, and arithmetic and logical operations. Design and use of subroutines, functions, pointers, templates, classes, and objects, inheritance, arrays, data structures, and records is included. Programming assignments emphasize modular design within an information processing, rather than system programming, context.

Lecture/Lab Hours: Three hours per week.

ITEC 4269 – Client/Server Systems Programing

Credit: 3 hours

Prerequisites: At least a “C” in ITEC 3245 and either ITEC 2270 or CSCI 1302

Description: Students design and implement systems that operate in a client/server, network-delivered, database environment. Topics include database administration, design, creation, developing end-user input and output screens, reports, and the use of SQL. Students will develop enterprise-wide production-quality applications.

Lecture/Lab Hours: Three hours per week.

ITEC 4270 – Robot Programming

Credit: 3 hours

Prerequisites: At least a “C” in ITEC 2270

Description: This course introduces the programming fundamentals of autonomous robots. Cognitive behavior and motion are focused. The goal is to program for solving problems using sensor inputs, and controlling movement of simple robots.

Lecture/Lab Hours: Three hours per week.

ITEC 4284 – Web Multimedia Delivery

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 4230

Description: This course covers the use of tools and techniques for developing high impact graphics, user interfaces, capturing digital video, editing, production, and distribution of content over the Web.

Lecture/Lab Hours: Three hours per week.

ITEC 4285 – Web Server Administration

Credit: 3 hours

Prerequisites: At least a "C" in both ITEC 2320 and ITEC 2380

Description: This course covers installation, configuration, and administration of Web servers and services; focus on Windows-based network operating systems running Internet Information Services (IIS) and Apache Web Services; setting up, securing, and managing services including hypertext transfer protocol (HTTP), file transfer protocol (FTP), and simple mail transport protocol (SMTP); extensive hands-on work in a network laboratory.

Lecture/Lab Hours: Three hours per week.

ITEC 4286 – Web Applications Development

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 3280

Description: This course covers planning, development, and implementation of Web-based applications. Topics include advanced coverage of common server and browser scripting languages, data structuring and data exchange languages, file and database connectivity options, dynamic page styling, user interaction and personalization, data validation, application installation, deployment, and security issues associated with data-driven Web-based applications.

Lecture/Lab Hours: Three hours per week.

ITEC 4288 – Electronic Commerce Systems

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 2215 or ITEC 2201

Description: Students will study applications in web-based electronic commerce systems set in a client/server environment. The course will include surveys of Internet technologies, network architectures, web development techniques, ecommerce models and software, electronic catalogs, purchase and payment systems, interfaces with business systems, marketing and promotion, and design and implementation of e-commerce systems.

Lecture/Lab Hours: Three hours per week.

ITEC 4299 – Special Topics in Information Technology

Credit: 3 hours

Prerequisites: Permission of Program Chair

Description: Study of a topic relevant to the IT (e.g., information security; networking; digital media; software development; and gaming design), and current & emerging topics in information technology. This course may be repeated with different content up to 5 times.

Lecture/Lab Hours: Three hours per week.

ITEC 4321 – Forensics/Data Recovery

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 2320

Description: This course offers a disciplined approach to implementing a comprehensive accident-response plan with a focus on being able to detect intruders, discover what damage they have caused, and discover their identities.

Lecture/Lab Hours: Three hours per week.

ITEC 4322 – Advanced Digital Forensics

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 4321

Description: This course places a strong emphasis on digital forensic procedures, reporting, digital forensic tools, and legal issues relating to digital forensics. This course uses advanced forensics tools and hands-on exercises to emphasize the procedures that students will use in the field as forensic investigators.

Lecture/Lab Hours: Three hours per week.

ITEC 4324 – Wireless Technologies

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 2320-Networking Essentials

Description: This course provides an introduction to various mobility technologies, both current and emerging. These include cellular, WLANs, 802.11 wireless technologies, and others. Architecture, standards, and the impact of these technologies are addressed.

Lecture/Lab Hours: Three hours per week.

ITEC 4329 – Data Communications

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 2320

Description: This course addresses the in-depth theories, models, practices, capabilities, and performance of networks. It covers the concepts of data communication including protocol suites, error detection, network programming, signal and data transmissions, and quality of service. It covers the use of tools to conduct performance measurement and analysis, flow control, and error detection.

Lecture/Lab Hours: Three hours per week

ITEC 4341 – Incident Response and Contingency Planning

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 4200

Description: An examination of the detailed aspects of incident response and contingency planning consisting of incident response planning, disaster recovery planning, and business continuity planning. This course includes hardware, software, and human aspects of contingency planning and disaster recovery.

Lecture/Lab Hours: Three hours per week.

ITEC 4344 – Ethical Hacking

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 4200

Description: This course provides introductory ethical hacking and network security knowledge. Students will learn how to gather information for IT security purposes, secure information systems, launch and prevent attacks, and perform investigations. Ethical hacking topics include exploiting systems, vulnerability assessments, network intrusion, and penetration testing.

Lecture/Lab Hours: Three hours per week

ITEC 4345 – Cyber Systems Security

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 4200

Description: This course applies advanced network security fundamentals and cutting edge technologies which involve security practices, evaluation, installation, selection, and administration of TCP/IP addressing, routing, intrusion detection, prevention systems, firewalls, and virtual private networks (VPNs). Administration and management of security of information. Students will learn security principles and tools related to intrusion detection systems, VPNs, vulnerability scanning, irregularity detection, application logging, auditing and data management, operating systems, alarms and responses.

Lecture/Lab Hours: Three hours per week.

ITEC 4361 – Software and Database Security

Credit: 3 hours

Prerequisites: At least a "C" in the following: ITEC 3245 and ITEC 4200 and either ITEC 2270 or CSCI 1302

Description: This course examines fundamental principles and best practices of software and database security. The focus is on understanding foundations of cryptography, access control, and secure protocols, common security risks of software and database systems, and secure modern web applications development and deployment. Topics will include cryptography, authentication, authorization, security protocols, software flaws and malware, SQL injection, HTML injection, cross-site scripting, and security auditing.

Lecture/Lab Hours: Three hours per week.

ITEC 4370 – Virtual Computing

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 2320

Description: This course provides students with a background in virtualization technology needed to advance in today's technology workplace. The course includes an overview of virtualization technology. The course topics include the use of VMware Workstation, VMware Server, Microsoft Virtual PC, Microsoft Virtual Server, and Hyper-V. Using virtualization software in networked server environment, implementing high-availability clusters, enhancing performance and security, and centralized management of multiple virtual servers are discussed in this course. Students will have opportunities to apply theoretical concepts by learning through hands-on activities, which allow the student to work with virtual computing concepts, using real-world situations to build the skills necessary for a successful understanding of virtualization.

Lecture/Lab Hours: Three hours per week.

ITEC 4421 – Network Security

Credit: 3 hours

Prerequisites: At least a "C" in ITEC 2320

Description: This course provides an introduction to the various issues surrounding network security. Issues to be addressed include how networks are initially targeted for intrusion, the methods and tools employed in this intrusion process, denial of service attacks, how this illegal access is maintained, and how intrusions hidden from network administrators are addressed.

Lecture/Lab Hours: Three hours per week.

ITEC 4501 – Special Projects in Information Technology

Credit: 3 hours

Prerequisites: Completion of IT core courses and permission of instructor

Description: This is a work/study course that serves as a substitute in those cases where the IT student has already satisfied the workplace objectives of an internship course. Students, in consultation with faculty advisors, will design and carry out one or more special projects that will employ the skills and knowledge of the student's area of emphasis. The projects for this course will change each time it is offered. Therefore, it may be repeated for credit.

Lecture/Lab Hours: Three hours per week.

ITEC 4701 – Internship in Information Technology

Credit: 3 - 6 hours

Prerequisites: Senior standing and permission of the instructor

Description: This is a work/study course in Information Technology; student work is in an appropriate position and on an appropriate project in information technology for an assigned employer; work project is under direction of a faculty advisor in consultation with the employer. Students must submit abstracts to the instructor 30 days before the start of the semester. This course may be repeated for credit of up to 6 hours total.

ITEC 4710 – Globalization and Technology

Credit: 3 hours

Prerequisites: 90 or more earned hours

Description: This is a course on ideas and issues surrounding information technology. Students are required to conduct research on topics pertinent to the field. The course emphasizes the use and impact of the Internet and evolving technologies in a world forever changed by globalization and multiculturalism - one where collaborative tools are increasingly becoming central to organizational competitive posture in the national and international arenas.

Lecture/Lab Hours: Three hours per week.

ITEC 4750 – Senior Capstone

Credit: 3 hours

Prerequisites: At least a "C" in all of the following: ITEC 3155, ITEC 3235, ITEC 3300, ITEC 3310, ITEC 4200.

Description: Integrating their skills and knowledge accumulated/acquired throughout the Information Technology program, students (usually in teams of three to five members) will analyze, design, develop, implement, and assess an information system.

Lecture/Lab Hours: Three hours per week.

LEAD 2000 – Leadership I: Socio-Psychological Aspects of Leadership

Credit: 3 hours

Description: An introduction to leadership and the psychological elements necessary for good leadership. An examination of the psychological factors affecting behavior to include personality, adult development and generational theory, motivational theories and effective followership.

Lecture/Lab Hours: Three hours per week.

LEAD 2001 – Leadership II: Group Process and Leadership

Credit: 3 hours

Prerequisite: LEAD 2000

Description: An overview of the nature of groups as they relate to leadership. Topics include group development, socialization, cohesion, group decision-making and intergroup conflict.

Lecture/Lab Hours: Three hours per week.

LEAD 2002 – Leadership III: Organizations and Leadership

Credit: 3 hours

Prerequisite: LEAD 2001

Description: An overview of the nature and types of leadership and the nature of organizations and their environment. Related topics include stress management, counseling skills, implementing change and ethics.

Lecture/Lab Hours: Three hours per week.

LENB 3135 – Legal Environment of Business

Credit: 3 hours

Description: This is a study of the legal and regulatory environment of business that focuses on ethical, global, political, economic, social, environmental, technological, and diversity issues.

Lecture/Lab Hours: Three hours per week.

MATH 0988 – Foundations for Mathematical Modeling

Credit: 4 hours

Description: A study of the essential algebraic concepts and applications required for success in MATH 1101: Introduction to Mathematical Modeling. Topics may include properties of real numbers, operations with algebraic expressions, linear equations and inequalities in a single variable, operations with polynomials, quadratic equations, graphs of linear and quadratic equations in two variables, and applications of linear and quadratic equations.

Lecture/Lab Hours: Four hours lecture hours per week.

MATH 0989 – Foundations for College Algebra

Credit: 4 hours

Description: A study of the essential mathematical concepts required for success in MATH 1111: College Algebra. Topics include properties of numbers, linear equations and inequalities, quadratic equations, graphs, polynomials, and roots.

Lecture/Lab Hours: Four hours lecture hours per week.

MATH 0998 – Support for Mathematical Modeling

Credit: 2 hours

Co-requisites: MATH 1101

Description: This course is designed to support a student taking MATH 1101 with just-in-time assistance. Topics will parallel topics being studied in MATH 1101 as well as the essential algebraic skills needed to be successful MATH 1101.

Lecture/Lab Hours: Two lecture hours per week.

MATH 0999 – Support for College Algebra

Credit: 2 hours

Co-requisites: MATH 1111

Description: This course is designed to support a student taking MATH 1111 with just in time assistance. Topics will parallel topics being studied in MATH 1111 as well as the essential quantitative skills needed to be successful in MATH 1111.

Lecture/Lab Hours: Two hours lecture per week.

MATH 0102 – Math Study Skills

Credit: 3 hours

Description: This course is designed to assist Learning Support Mathematics students to develop the foundational math and study skills necessary to successfully exit their Learning Support Math requirement. This course assists students in identifying their individual learning style(s), developing effective time management skills, improving study skills and test-taking strategies, reducing math and test anxiety, and utilizing computer and software tutorials.

Lecture/Lab Hours: Three lecture hours per week.

MATH 1001 – Quantitative Reasoning

Credit: 3 hours

Prerequisites: Completion of Learning Support Mathematics requirements

Description: This course places quantitative skills and reasoning in the context of experiences that students will be likely to encounter. It emphasizes processing information in context from a variety of representations, understanding of both the information and the processing, and understanding which conclusions can be reasonably determined.

Lecture/Lab Hours: Three lecture hours per week.

MATH 1002 – Perspectives on the History of Mathematics

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communication through an introduction to the history of mathematics. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of mathematics and to gain experience in developing and presenting original arguments in oral forms. This course is an elementary survey of the origins and development of mathematics from the classical to the modern. Topics will include numerical systems, and the origins of algebra, geometry, and calculus. The focus will be on the mathematicians and historical background surrounding these developments.

Lecture/Lab Hours: Four hours per week.

MATH 1003 – Perspectives on Mathematics

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communication through an introduction to mathematics. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of mathematics and to gain experience in developing and presenting original arguments in oral forms. The course explores ideas, history, and problems in mathematics that reveal the influence and nature of math. Students will realize mathematics is not an isolated subject of mere manipulations, theorems, and irrelevant topics. The course seeks to bring awareness of the inseparable relationship of math and the world around

us and to give insight as to what math is, what it attempts to accomplish, and how to think mathematically. Though students have heterogeneous backgrounds, a careful selection of topics and chapters allows all levels of students to effectively study the material.

Lecture/Lab Hours: Four hours per week

MATH 1101 – Introduction to Mathematical Modeling

Credit: 3 hours

Prerequisites: Completion of Learning Support Mathematics requirements

Description: This course is an introduction to mathematical modeling using graphical, numerical, symbolic, and verbal techniques to describe and explore real-world data and phenomena. Emphasis is on the use of elementary functions to investigate and analyze applied problems and questions, supported by the use of appropriate technology, and on effective communication of quantitative concepts and results. This course includes a study of linear, quadratic, polynomial, exponential, and logarithmic models. A TI-84 graphing calculator is required.

Lecture/Lab Hours: Three lecture hours per week.

MATH 1111 – College Algebra

Credit: 3 hours

Prerequisites: At least a “C” in MATH 1001 or MATH 1101; or a math SAT score of at least 550; or a math ACT score of at least 24; or a score of 12 or higher on the Mathematics Placement Exam.

Description: This course, designed for students who plan to take MATH 1112, MATH 1113, or MATH 2120, is a functional approach to algebra that incorporates the use of appropriate technology. Emphasis will be placed on the study of functions, and their graphs, inequalities, and linear, quadratic, piece-wise defined, rational, polynomial, exponential, and logarithmic functions. Appropriate applications will be included.

Lecture/Lab Hours: Three lecture hours per week.

MATH 1112 – Plane Trigonometry

Credit: 3 hours

Prerequisites: At least a “C” in MATH 1111; or a math SAT score of at least 575; or a math ACT score of at least 25; or a score of 18 or higher on the Mathematics Placement Exam.

Description: This course includes a study of angular measure, the trigonometric functions, fundamental identities, reductions, variation and graphs of the trigonometric functions, functions of a composite angle, right triangles, oblique triangles, trigonometric identities and equations, inverse trigonometric functions, polar coordinates, and additional related topics.

Lecture/Lab Hours: Three lecture hours per week.

MATH 1113 – Precalculus Mathematics

Credit: 3 hours

Prerequisites: At least a “C” in MATH 1111; or a math SAT score of at least 575; or a math ACT score of at least 25; or a score of 18 or higher on the Mathematics Placement Exam.

Description: This course is designed to prepare students for calculus, physics, and related technical subjects. Topics include an intensive study of algebraic and transcendental functions accompanied by analytic geometry.

Lecture/Lab Hours: Three lecture hours per week.

MATH 1113H – Honors Precalculus

Credit: 3 hours

Prerequisites: Admission to the Honors Program and a math SAT score of at least 575 or a math ACT score of at least 25.

Description: This is an honors course designed to prepare students for calculus, physics, and related technical subjects. The course includes an intensive study of algebraic functions and transcendental functions, including the trigonometric functions, accompanied by analytic geometry.

Lecture/Lab Hours: Three lecture hours per week.

MATH 1200 – Elementary Statistics

Credit: 3 hours

Prerequisites: At least a "C" in MATH 1001, MATH 1101, or MATH 1111

Description: This is an introduction to the basic concepts and principles of statistics with elementary applications. Topics include data organization, data description, probability, normal distributions, sampling distributions, confidence intervals and hypothesis testing.

Lecture/Lab Hours: Three lecture hours per week.

MATH 1200H – Honors Elementary Statistics

Credit: 3 hours

Prerequisites: Admission to the Honors Program and at least a "B" in MATH 1001, MATH 1101, or MATH 1111

Description: This is an introduction to the basic concepts and principles of statistics with elementary applications. Topics include data organization, data description, probability, normal distributions, sampling distributions, confidence intervals and hypothesis testing.

Lecture/Lab Hours: Three lecture hours per week.

MATH 1251 – Calculus I

Credit: 4 hours

Prerequisites: At least a "C" in MATH 1112 or 1113; or a math SAT score of at least 600; or a math ACT score of at least 26; or a score of 24 or higher on the Mathematics Placement Exam.

Description: This is the first course in a three-course sequence designed primarily to provide mathematics and science majors with necessary mathematical understanding and skills. Topics include limits, continuity, differentiation of algebraic and trigonometric functions, applications of the derivative, definite and indefinite integrals, the Fundamental Theorem of Calculus, and applications of the integral.

Lecture/Lab Hours: Four lecture hours per week.

MATH 1371 – Computing for the Mathematical Sciences

Credit: 4 hours

Prerequisites: At least a "C" in MATH 1112 or 1113

Description: This course focuses on algorithm development for mathematicians, scientists, and engineers. Topics include vector and matrix operations, logical operators, data types, arrays, file input/output, selection, repetition, functions and procedures, and plotting 2D/3D data.

Lecture/Lab Hours: Four lecture hours per week.

MATH 2008 – Foundations of Numbers and Operations

Credit: 3 hours

Prerequisites: At least a "C" in MATH 1001, MATH 1101, or MATH 1111

Description: This course is an Area F introductory mathematics course for early childhood and middle grades education majors. This course will emphasize the understanding and use of the major concepts of numbers and operations. As a general theme, strategies of problem solving will be used and discussed in the context of various topics. This course will not be accepted as part of the requirements for a major or minor in mathematics.

Lecture/Lab Hours: Three lecture hours per week.

MATH 2120 – Discrete Mathematics

Credit: 3 hours

Prerequisites: At least a "C" in MATH 1111 or a math SAT score of at least 550 or a math ACT score of at least 24; or a score of 18 or higher on the Mathematics Placement Exam.

Description: This course is an introduction to discrete mathematics. Selected topics may include sets, logic, proofs, counting, number theory, graph theory, trees, or algorithms.

Lecture/Lab Hours: Three lecture hours per week.

MATH 2252 – Calculus II

Credit: 4 hours

Prerequisites: At least a "C" in MATH 1251, or a math SAT score of at least 700; or a math ACT score of at least 31

Description: This is the second course in a three-course sequence designed primarily to provide mathematics and natural science majors with necessary mathematical understanding and skills. Topics include differentiation of logarithmic, exponential, and inverse trigonometric functions, techniques of integration, L'Hopital's rule, improper integrals, numerical methods, infinite series, and polar coordinates.

Lecture/Lab Hours: Four lecture hours per week.

MATH 2253 – Calculus III

Credit: 4 hours

Prerequisites: At least a "C" in MATH 2252

Description: This is the third course in a three-course sequence designed primarily to provide mathematics and natural science majors with necessary mathematical understanding and skills. Topics include vector spaces and analytic geometry in two and three-space, calculus of vector-valued functions, calculus of functions of several variables, and vector analysis.

Lecture/Lab Hours: Four lecture hours per week.

MATH 2260 – Introduction to Linear Algebra

Credit: 3 hours

Prerequisites: At least a "C" in MATH 1251

Description: This is a matrix-oriented introduction to linear algebra through the study of systems of linear equations, determinants, Euclidean vector spaces, linear transformations, eigenvalues and eigenvectors, and related topics.

Lecture/Lab Hours: Three lecture hours per week.

MATH 2270 – Differential Equations

Credit: 4 hours

Prerequisites: At least a "C" in MATH 2252

Description: This course is a study of the physical origins of differential equations, numerical methods, direction fields, second order equations, first and second order linear systems, nonlinear systems, Laplace transforms, series methods, and applications.

Lecture/Lab Hours: Four lecture hours per week.

MATH 3010 – History of Mathematics

Credit: 3 hours

Prerequisites: At least a "C" in MATH 1113

Description: This course is a study of the development of mathematics from primitive times to the twenty-first century; including numeral systems, arithmetical methods, origins of algebra, geometry, trigonometry, analytic geometry, calculus, and selected topics from modern mathematics.

Lecture/Lab Hours: Three lecture hours per week.

MATH 3040 – Bridge to Higher Mathematics

Credit: 3 hours

Prerequisites: At least a "C" in MATH 2252

Description: This course serves as a bridge to upper level mathematics courses. Topics include propositional and predicate logic, mathematical induction, logic and structure of sets as related to mathematical proof, relations, and cardinality.

Lecture/Lab Hours: Three lecture hours per week.

MATH 3106 – Foundations of Algebra

Credit: 3 hours

Prerequisites: At least a "C" in MATH 2008 and formal acceptance into the Bachelor of Science in Education Program

Description: This course is the first in a sequence of mathematics courses for early childhood education majors. This course is designed to broaden understanding of fundamental concepts of algebra. The principle algebra topics to be taught in this course are: the Language of Algebra, Patterns, Relations, Functions, Equations, and Inequalities. Particular attention will be paid to connections between algebra and other mathematics topics such as arithmetic, geometry, graphical representations of situations, and real world/modeling applications. Specific methods and materials of instruction will be emphasized. This course will not be accepted as a part of the requirements for a major or minor in mathematics.

Lecture/Lab Hours: Three lecture hours per week.

MATH 3110 – Informal Geometry

Credit: 3 hours

Prerequisites: At least a "C" in MATH 2008 and formal acceptance into the Bachelor of Science in Education Program

Description: This course is the second in a sequence of mathematics courses for early childhood education majors. Topics include plane figures, polygons and tessellations, space figures, symmetric figures, systems of measurement, area and perimeter, volume and surface area, congruence and similarity mappings, and topological mappings. This course will not be accepted as a part of the requirements for a major or minor in mathematics.

Lecture/Lab Hours: Three lecture hours per week.

MATH 3156 – Introduction to Data Analysis

Credit: 3 hours

Prerequisites: At least a "C" in MATH 3106 and MATH 3110 and formal acceptance into the Bachelor of Science in Education Program

Description: This course is the third in a sequence of mathematics courses for early childhood education majors. This course focuses on recognizing, using, and learning about mathematics in the context of real-world situations and problems. Deliberate connection to the sciences, social sciences, and fine arts incorporate mathematical topics drawn from algebraic and non-algebraic functions, probability, and discrete mathematics. This course will not be accepted as a part of the requirements for a major or minor in mathematics.

Lecture/Lab Hours: Three lecture hours per week.

MATH 3207 – Communicating Mathematics

Credit: 4 hours

Prerequisites: At least a C in MATH 3040

Description: In this course, students will learn to use the LaTeX software bundle to typeset mathematics in the context of composing homework assignments, tests, scholarly papers, and presentations. Students will also use the presentation package Beamer to communicate the technicalities of a historically significant problem in mathematics.

Lecture/Lab Hours: Four hours lecture per week.

MATH 3251 – Applied Combinatorics

Credit: 3 hours

Prerequisites: At least a "C" in MATH 1251

Description: This course is an in-depth study of counting principles. Topics include combinations, permutations, generating functions, recurrence relations, principles of inclusion and exclusion, and Polya's theory of counting.

Lecture/Lab Hours: Three lecture hours per week.

MATH 3260 – Modern Algebra I

Credit: 3 hours

Prerequisites: At least a "C" in MATH 3040

Description: Topics in this course include an introduction to the structure of groups, normal subgroups, Abelian groups, permutations, matrix groups, quotient groups, the Isomorphism Theorems, and group actions. Additional topics may include Cayley's Theorem, the Sylow Theorems, the Fundamental Theorem of Finitely Generated Abelian Groups.

Lecture/Lab Hours: Three lecture hours per week.

MATH 3262 – Modern Algebra II

Credit: 3 hours

Prerequisites: At least a "C" in MATH 3040

Description: Topics in this course include an introduction to the structure of rings, ideals polynomial rings, integral domains, unique factorization domains, and Euclidean domains. Additional topics may include factorization of polynomials, fields, extension fields, and Galois Theory.

Lecture/Lab Hours: Three hours per week

MATH 3270 – Differential Equations II with Modeling

Credit: 3 hours

Prerequisites: At least a "C" in MATH 2270

Description: This course is a continuation of the study of differential equations with emphasis on using ordinary and partial differential equations in the context of mathematical modeling.

Lecture/Lab Hours: Three lecture hours per week.

MATH 3280 – Complex Analysis

Credit: 3 hours

Prerequisites: At least a "C" in MATH 2253

Description: This course introduces the theory of analytic functions of a complex variable. Topics include the algebra and geometry of complex numbers in standard and polar form, mappings by elementary functions, limits, continuity, and derivatives of complex functions, Cauchy-Reimann equations and harmonic functions, transcendental functions over the complex numbers, complex integrals and contour integrals, and Cauchy's Theorem

Lecture/Lab Hours: Three hours lecture per week.

MATH 3310 – Algebra for Middle Grades

Credit: 4 hours

Prerequisites: At least a "C" in MATH 1112 or 1113 and MATH 2008 and formal acceptance into the Bachelor of Science in Education Program.

Description: This course is the first in a sequence of mathematics courses for middle grades education majors. Topics include review of algebraic concepts, algebra with multiple representations, problem solving, Data Analysis, and use of technology. The course is designed to strengthen algebraic knowledge for teaching at the middle grades level and to acquire knowledge of more advanced topics. This course will not be accepted as a part of the requirements for a major or minor in mathematics.

Lecture/Lab Hours: Four lecture hours per week.

MATH 3320 – Measurement and Geometry

Credit: 4 hours

Prerequisites: At least a "C" in MATH 3310 and formal acceptance into the Bachelor of Science in Education Program.

Description: This course is the second in a sequence of mathematics courses for middle grades education majors. Topics include principles of measurement and geometry such as two and three dimensional figures, constructions, and problem solving for students who are planning to teach at the middle grades level. The use of technology is included in this course. This course will not be accepted as a part of the requirements for a major or minor in mathematics.

Lecture/Lab Hours: Four lecture hours per week.

MATH 3330 – Survey of Calculus and Statistics for Middle Grades

Credit: 4 hours

Prerequisites: At least a "C" in MATH 3320 and formal acceptance into the Bachelor of Science in Education Program.

Description: This course is the third in a sequence of mathematics courses for middle grades education majors. Topics include work with experimental and theoretical probability, probability distributions, and survey of calculus concepts such as limits, derivatives, and a brief introduction to integrals. This course will not be accepted as a part of the requirements for a major or minor in mathematics.

Lecture/Lab Hours: Four lecture hours per week.

MATH 3510 – Foundations of Geometry

Credit: 3 hours

Prerequisites: At least a "C" in MATH 3040

Description: This course is a study of Euclidean and non-Euclidean plane geometry from both synthetic and metric approaches. Topics include concepts related to incidence, betweenness, plane separation and convexity, congruence, and parallelism, with some attention given to geometric transformations.

Lecture/Lab Hours: Three lecture hours per week.

MATH 3600 – Probability and Statistics

Credit: 3 hours

Co-requisites: MATH 2252

Description: This course is a post-calculus treatment of probability and statistics. Topics include descriptive statistics, probability distributions for discrete and continuous random variables, statistical inference, one way analysis of variance, and regression analysis.

Lecture/Lab Hours: Three lecture hours per week.

MATH 3999 – Special Topics in Mathematics

Credit: 3 hours

Prerequisites: At least a "C" in MATH 3040

Description: This course is an intensive study of a significant topic in mathematics not otherwise covered in course offerings. Three lecture hours per week.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4040 – Logic

Credit: 3 hours

Prerequisites: At least a "C" in MATH 3040

Description: Topics include first-order symbolic logic, metalogic and completeness (Godel's Incompleteness Theorem), axiomatic set theory, and computability.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4110 – Number Theory

Credit: 3 hours

Prerequisites: At least a "C" in MATH 3040

Description: This course offers an investigative approach to number theory. Topics include divisibility and factorization, the Euclidean algorithm, linear Diophantine equations, congruence and their applications, solving linear congruence, primes of special forms, the Chinese remainder theorem, multiplicative orders, the Euler phi-function, primitive roots, quadratic congruence, representation problems, and continued fractions.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4150 – Linear Algebra

Credit: 3 hours

Prerequisites: At least a "C" in both MATH 2260 and MATH 3040

Description: Topics in this course include an introduction to the theory of vector spaces, with emphasis on finite-dimensional vector spaces, linear systems, matrices, linear transformations, eigenvalues, and related subjects.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4260 – Mathematical Analysis

Credit: 3 hours

Prerequisites: At least a "C" in MATH 3040

Description: This course is a study of the principles of mathematical analysis; point set topology of real numbers, numerical sequences and series, continuity, differentiation, integration, sequences and series of functions, and metric spaces.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4300 – Regression Analysis

Credit: 3 hours

Prerequisites: At least a "C" in MATH 3600

Description: Topics in this course include simple and multiple regression, model selection procedures, analysis of variance, simultaneous inference, and design and analysis of experiments.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4480 – Graph Theory

Credit: 3 hours

Prerequisites: At least a "C" in MATH 3040

Description: Topics in this class include structure of graphs, directed graphs, trees, and connectivity; Eulerian and Hamiltonian graphs; planar graphs; graph colorings; matching; independence; and domination. Additional topics may include symmetry of graphs, external graph theory, graph embedding, greedy algorithm, flaws on graphs, and probabilistic methods in graph theory.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4621 – Mathematical Statistics I

Credit: 3 hours

Prerequisites: At least a "C" in both MATH 2253 and MATH 3600

Description: This is the first in a two-course sequence. Topics in this course include distributions of random variables; conditional probability and stochastic independence; multivariate and some special distributions; and distributions of functions of random variables.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4622 – Mathematical Statistics II

Credit: 3 hours

Prerequisites: At least a "C" in MATH 4621

Description: This is the second in a two-course sequence. Topics in this course include statistical inference, sufficient statistics, estimation theory, theory of statistical tests, and inferences about normal models.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4630 – Topics in Applied Statistics

Credit: 3 hours

Prerequisites: At least a "C" in MATH 3600

Description: Topics in applied statistics will be selected from quality control, sampling theory, nonparametric statistics, experimental design, computational statistics, and regression analysis.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4651 – Numerical Analysis I

Credit: 3 hours

Prerequisites: At least a "C" in MATH 2252, MATH 2260, and either MATH 1371 or CSCI 1301

Description: This is the first in a two-course sequence. Topics in this course include the development and implementation of efficient numerical methods; locating roots of nonlinear equations; solving systems of linear equations; numerical differentiation and integration; interpolation; and approximation of functions.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4652 – Numerical Analysis II

Credit: 3 hours

Prerequisites: At least a "C" in MATH 4651 and MATH 2270

Description: This is the second in a two-course sequence. Topics in this course include the determination of eigenvalues and eigenvectors of matrices; method of least squares, and curve fitting; numerical solutions of ordinary and partial differential equations.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4850 – Mathematical Computing

Credit: 3 hours

Prerequisites: At least a "C" in MATH 2252

Description: This course is an introduction to using computer techniques in major mathematical areas. Topics include algorithmic complexity; computational techniques for algebra, trigonometry, and calculus; optimization; mathematical modeling; and simulation.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4900 – Internship in Mathematics

Credit: 1-6 hours

Prerequisites: Permission of the department

Description: This is a work/study course in Mathematics; student work is in an appropriate position and on an appropriate project in mathematics for an assigned employer; work project is under direction of a faculty advisor in consultation with the employer.

Lecture/Lab Hours: One to six hours per week

MATH 4901 – Operations Research I

Credit: 3 hours

Prerequisites: At least a "C" in MATH 2260

Description: This course is an introduction to the mathematical aspects and applications of operations research. Topics are selected from linear programming, integer programming, and dynamic programming.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4902 – Operations Research II

Credit: 3 hours

Prerequisites: At least a "C" in MATH 4621

Description: This course is an introduction to stochastic operations research. Topics are selected from stochastic modeling and optimization, probability models, queuing theory, and Monte Carlo simulation. Note that MATH 4901 is not a prerequisite for this course.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4905 – Optimization

Credit: 3 hours

Prerequisites: At least a "C" in MATH 2252

Description: Topics in this course include Lagrange multipliers, gradient methods, search techniques, variational methods and control problems, dynamic programming, and nonlinear programming.

Lecture/Lab Hours: Three lecture hours per week.

MATH 4920 – Senior Seminar

Credit: 2 hours

Prerequisites: Student must have completed 90 or more hours

Description: This seminar course is intended for mathematics majors in the last year of their program. Through lectures, scientific literature, and class discussions, students will be introduced to particular areas of active research. Students will be expected to undertake individual projects which may include oral and/or written presentations and preparation of mini-grant applications.

Lecture/Lab Hours: Two lecture hours per week.

MCOM 1231 – Mass Communications Laboratory

Credit: 1 hour

Description: This is an introduction to the techniques of newspaper production and a practical application of those techniques. This course is limited to those students working on the school newspaper and is open to all majors. May be repeated three times.

Lecture/Lab Hours: One hour lecture and three hours laboratory per week.

MCOM 2131 – News Writing and Reporting

Credit: 3 hours

Description: This is a study of basic reporting, writing, and editing practices, with practical assignments in the various media.

Lecture/Lab Hours: Three hours per week

MCOM 2231 – Advanced Mass Communications Laboratory

Credit: 1 hour

Description: This is a work/study course designed for editors of the campus newspaper. Students will receive hands-on training in newspaper production and management, as well as advanced training in editing, layout and graphic design, and advertising sales. Students are required to spend a total of fifteen hours a week working under the direction of the faculty advisor.

Lecture/Lab Hours: One hour lecture and three hours laboratory per week.

MCOM 3131 – Newswriting Practicum: Print and TV News Production

Credit: 3 hours

Prerequisites: MCOM 2131

Description: This offers supervised experience in on-campus print and TV media environments. Students will receive extensive practice in the various techniques of reporting. Quality of writing will be emphasized.

Lecture/Lab Hours: Three hours per week.

MGED 3020 – Integrated Approaches to Teaching Middle Grades Social Studies

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program, a “C” or better in HIST 2111 and HIST 2112 and hold a valid Pre-Service Certificate

Description: This course teaches methods of making social studies content knowledge meaningful in the lives of middle grades students. It offers an overview of the theory and practice of teaching history, civics, and social studies to middle grades students. The approach is interdisciplinary, and integrates the processes of government and geography. This course will also examine a variety of issues specific to history and social studies teaching, including use of primary sources, methods of fostering and managing conversations about contentious issues, and current events. Emphasis is given to teaching how to create developmentally appropriate instruction while learning how to engage students in the study of different cultures. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours per week.

MGED 3120 – Assessment for Learning in Middle Grades

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program, Pass Check Point 1 and hold a valid Pre-Service Certificate

Description: In this course, teacher candidates will design, select, and administer assessments for learning. In addition, candidates will learn to use assessment results to make instructional decisions, plan instructional activities and develop appropriate grading practices. Particular focus will be upon communication of results to students, parents, and other educators. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours per week.

MGED 3130 – Transition to Adolescence

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program and hold a valid Pre-Service Certificate

Description: This course is a thematic approach to the normative developmental achievements and challenges that children face in the transition to adolescence. Major theories, research findings, and educational applications relevant to the adolescent transition will be presented. Topics include brain development, cognition, language, identity, peer and family relations, puberty, emerging sexuality, emotional development, and autonomy, individual and group differences in development will be discussed with an emphasis on the special needs child.

Lecture/Lab Hours: Three hours per week.

MGED 3140 – Positive Behavior Supports for Middle Grades

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program, Pass Check Point 2 and hold a valid Pre-Service Certificate

Description: In this course, teacher candidates learn how to design and organize classroom settings for effective learning. An emphasis will be on the planning and demonstration of effective management skills for young adolescents. Candidates will also develop the knowledge and skills necessary to conduct a functional behavior assessment, develop behavior intervention plans based on results of those assessments, and utilize the principles of positive behavior support. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours per week.

MGED 3150 – Strategies for Teaching of Reading, Writing and Speaking in the Middle Grades

Credit: 2 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program, Pass Check Point 3 and Hold a valid Pre-Service Certificate

Description: In this course, teacher candidates will learn how to create a literate environment in the classroom that fosters reading, writing, and speaking in all content areas by integrating foundational knowledge, use of instructional practices, approaches and methods, curriculum materials, and the appropriate use of assessments. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Two hours per week.

MGED 3160 – Teaching in the Middle Grades

Credit: 2 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program and hold a valid Pre-Service Certificate

Description: In this course, teacher candidates learn about the major concepts, principles, theories, standards, and research underlying the philosophical foundations of developmentally responsive middle level programs and how to work successfully within these organizational components. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Two hours per week.

MGED 3170 – Professionalism and Teaching I

Credit: 2 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program and hold a valid Pre-Service Certificate

Description: In this course, teacher candidates will become familiar with the school environment, working with students and parents, and collaborating with other professionals in the school setting. Candidates will work in middle grades classrooms assisting the teacher and 4th-8th grade students with instructional routines. Candidates will also attend regularly scheduled seminars on related topics. The use of technology is required. The course is aligned with state and national standards.

Notes: A minimum of 200 hours in a (daytime) school setting is required.

Lecture/Lab Hours: Two hours per week.

MGED 3260 – Curriculum and Pedagogy for the Middle Grades Learner

Credit: 2 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program, Pass Check Point 1 and hold a valid Pre-Service Certificate

Description: In this course, teacher candidates will learn and use the central concepts, tools of inquiry, standards, and structures of content in their chosen teaching fields to create meaningful learning experiences that develop all young adolescents' competence in subject matter and skills. The use of technology is required. This course is aligned with state and national standards.

Notes: A minimum of three additional hours per week in a school setting is required.

Lecture/Lab Hours: Two hours per week.

MGED 3270 – Professionalism and Teaching II

Credit: 2 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program, a “B” or better in MGED 3170 and hold a valid Pre-Service Certificate

Description: In this course, teacher candidates will become more engaged in the school environment, continuing to work with the teacher, students and parents, and other professionals. Candidates will work in 4th-8th grade classrooms planning and implementing instruction and designing assessments based on the Georgia Performance Standards. Candidates will also attend regularly scheduled seminars on related topics. The use of technology is required. This course is aligned with state and national standards.

Notes: A minimum of 200 hours in a (daytime) school setting is required.

Lecture/Lab Hours: Two hours per week.

MGED 4110 – Program Planning in Middle Grades

Credit: 2 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program, Pass Check Point 3 and hold a valid Pre-Service Certificate

Description: Teacher candidates will learn effective curriculum methodology and materials utilized in teaching all 4th through 8th grade students. Topics include instructional planning, research based practices, classroom collaboration, effective instruction planning and transition. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Two hours per week.

MGED 4170 – Clinical Practice I

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program, Pass Check Point 3 and hold a valid Pre-Service Certificate

Description: This course is a culminating experience I which teacher candidates take a lead role as a teacher in the middle grades general education classroom. Candidates will develop and implement lesson plans and instructional units linked to the Georgia Performance Standards. Candidates will be active in the school environment, assuming the role and responsibilities of the classroom teacher. Candidates will also attend scheduled seminars on related topics. The use of technology is required. This course is aligned with state and national standards.

Notes: A minimum of 300 hours of teaching in a middle school setting is required.

Lecture Lab Hours: Three hours per week.

MGED 4180 – Instructional Technology in the Middle Grades Classroom

Credit: 2 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program, Pass Check Point 4 and hold a valid Pre-Service Certificate

Description: This course guides the teacher candidates toward enhancing learning opportunities for Middle Grades students through the use of readily available technology, digital and social media and educational software. Candidates will use and manage instructional technologies in the Middle Grades educational setting, offering the teacher candidate the opportunity to develop a knowledge base through experiencing and utilizing diverse technology resources, designing technology-rich learning activities and exploring how technology can be successfully and meaningfully integrated into the Middle Grades classroom. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Two hours per week.

MGED 4190 – Roles and Responsibilities of the Professional Middle Grades Teacher

Credit: 2 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program, Pass Check Point 4 and hold a valid Pre-Service Certificate

Description: This course introduces teacher candidates to the professional roles and responsibilities of a Middle Grades practitioner. Candidates will analyze and examine the nature of teacher and student roles in the Middle Grades classroom, as well as the broader professional profile and expectations of a teacher. The candidate will explore the multiple roles and responsibilities of a teacher that are not linked to direct instruction, such as parental involvement, community and stakeholder communications, collaboration with colleagues and working within the framework of an educational organization. This course is aligned with state and national standards.

Lecture/Lab Hours: Two hours per week.

MGED 4210 – Teaching All Learners in the Middle Grades Classroom

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program, Pass Check Point 4 and hold a valid Pre-Service Certificate

Description: Teacher candidates will learn effective curriculum methodology and materials utilized in teaching all 4th grade through 8th grade students in interrelated and inclusion settings. Topics include instructional planning, research based practices, inclusion, collaboration, effective instructional planning, and transition. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours per week.

MGED 4250 – Assessment and Diagnosis of Reading Disabilities in the Middle Grades

Credit: 2 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program, Pass Check Point 3 and hold a valid Pre-Service Certificate

Description: This course addresses the characteristics and learning patterns of all children. The focus will be on developing knowledge of formal and informal classroom reading diagnosis procedures and the design of appropriate interventions. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Two hours per week.

MGED 4270 – Clinical Practice II

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Middle Grades Education Program, Pass Check Point 4 and hold a valid Pre-Service Certificate

Description: This course is a culminating experience in which teacher candidates take a lead role as teachers in the 4th through 8th grade classroom. Candidates will develop and implement individualized education plans, make appropriate adaptations and modifications, and plan and implement instruction in general education settings. Candidates will also attend scheduled seminars on related topics. The use of technology is required. This course is aligned with state and national standards.

NOTE: A minimum of 300 hours of teaching in a middle grades classroom.

Lecture/Lab Hours: Three hours per week.

MGMT 3101 – Business Statistics

Credit: 3 hours

Prerequisites: At least a "C" in MATH 1200 and junior standing or permission of instructor

Description: The course covers the theory and application of statistical methods in decision making, emphasizing inferential applications including analysis of variance, multiple regression and correlation, business forecasting, and nonparametric approaches to decision making.

Lecture/Lab Hours: Three hours per week.

MGMT 3102 – Human Resource Management

Credit: 3 hours

Prerequisite: MGMT 3108 or BUSA 3108, or MGMT 3141.

Description: This course is designed to give the student the principles of procuring, developing, maintaining and effectively utilizing personnel according to all Federal, State, and Local laws.

Lecture/Lab Hours: Three hours per week.

MGMT 3104 – International Business

Credit: 3 hours

Prerequisites: MGMT 3141.

Description: This course focuses on the global dimensions of business by exploring and classifying country differences with regard to the Political Economy. Cultural Dimensions, International Trade Theory, Foreign Direct Investment, and the Global Money System are explained. Emphasis is placed on competing in the global marketplace. International business situations dealing with globalization, trade, and ethical dilemmas are examined with the use of pertinent case analysis techniques.

Lecture/Lab Hours: Three hours per week.

MGMT 3141 – Principles of Management

Credit: 3 hours

Prerequisites: Junior standing or permission of instructor

Description: This is an introduction to the management process emphasizing planning and strategy, organizational theory and structure, and organizational behavior, direction and control including leadership, motivation, team building, management information systems and current managerial issues such as total quality management, multicultural impact and ethical management.

Lecture/Lab Hours: Three hours per week.

MGMT 3151 – Introduction to Systems Acquisition Management

Credit: 3 hours

Prerequisites: MGMT 3141 or permission of instructor

Prerequisites or Co-requisites: LENB 3135

Description: This course introduces the student to the fundamentals of systems acquisition management. Topics such as acquisition planning; research, development and engineering; cost analysis and introduction to earned value management are just some of the beginning areas covered. The focus of this course is to introduce the student to the beginning concepts and principles of systems acquisition and to provide the student with an understanding of the steps related to the acquisition planning process.

Lecture/Lab Hours: Three hours per week.

MGMT 3155 – Organizational Behavior

Credit: 3 hours

Prerequisites: MGMT 3141 or HLSA 3320

Description: This is a comprehensive study of human behavior and its interrelationship with the organizational environment. Emphasis will be on the contributions of the behavioral sciences and the constraints imposed by cultural diversity.

Lecture/Lab Hours: Three hours per week.

MGMT 3160 – Principles of Management Information Systems

Credit: 3 hours

Prerequisites: ITEC 2201 or BUSA 2201

Description: Introduction to the foundations, technology and applications of management information systems. This course emphasizes the concept of “Systems Thinking” i.e. the concept of information systems as elements working collectively to serve the information needs of organizations. These elements include social and ethical issues, telecommunications, relational databases and other productivity tools.

Lecture/Lab Hours: Three hours per week.

MGMT 3165 – Production and Operations Management

Credit: 3 hours

Prerequisites: MGMT 3101 and MGMT 3141

Description: This is an introduction to the design and control of production and service operation systems. Topics include material requirements planning, layout, scheduling, work measurement, quality control, and the use of quantitative tools in planning and allocating resources. Computer-assisted problem solving applications are included.

Lecture/Lab Hours: Three hours per week.

MGMT 3175 – Quantitative Methods

Credit: 3 hours

Prerequisites: MGMT 3101

Description: This is a study of quantitative tools useful in management decision-making. Topics include linear programming, networking, scheduling models, queuing and game theory, and forecasting including computer-assisted problem solving.

Lecture/Lab Hours: Three hours per week.

MGMT 3314 – Purchasing and Supply Management

Credit: 3 hours

Prerequisites: Completion of AMGT 2301 or MGMT 3165 with a grade of C or higher.

Description: This course examines the critical operational areas of purchasing, materials management, inventory management, just-in-time (lean) purchasing, supplier selection and evaluation, total quality management, bargaining and negotiation, equipment acquisition, and global sourcing in supporting a professional supply management function.

Lecture/Lab Hours: Three hours per week.

MGMT 3408 – Fundamentals of Entrepreneurship/Small Business

Credit: 3 hours

Prerequisite: MGMT 3141

Description: This course studies the management of small businesses. Beginning with traits commonly found in successful entrepreneurs, students cover the various topics necessary to develop and run a profitable business. The topics include business entity forms, marketing for small/fledgling businesses, advertising, elements of business plans, risk management, financing, and staffing decisions. A study of the business formation process focusing on the behaviors of entrepreneurs and the creation of new businesses in dynamic environments is also covered.

Lecture/Lab Hours: Three hours per week.

MGMT 3410 – Family Business Management

Credit: 3 hours

Prerequisite: MGMT 3141

Description: This course explores the unique challenges and opportunities involved in owning and/or managing a family business. By attending the class, students learn to identify and address challenges related to responsible ownership, succession, corporate governance, family governance, professionalization, and family office. Both family and non-family members' perspectives are explored and addressed.

Lecture/Lab Hours: Three hours per week.

MGMT 3505 – Women in Management

Credit: 3 hours

Prerequisites: MGMT 3141

Description: This course examines the issues, theories, and applications related to women and diversity in management. Managing diversity in the workplace refers to the process of creating and sustaining a workplace where different people (based on gender, age, ethnicity, culture, personality, etc.) feel welcome, included, and comfortable to contribute to organizational performance in a fair manner. The class will address issues such as the glass ceiling, stereotyping, sexual harassment, equity, power, organizational politics, reverse discrimination, and work-life balance. The class will also examine applied practices that may increase the likelihood for diverse work groups to improve organizational performance (e.g., implementation of multidisciplinary teams, job rotation, cross-training, mentoring, and fostering of social perspective among employees). Course topics will also include work and life policies, as well as fair recruitment, hiring, and selection processes that provide equal opportunities to everyone.

Lecture/Lab Hours: Three hours per week.

MGMT 4103 – Business Policy

Credit: 3 hours

Prerequisite: MGMT 3141, MKTG 3109, FINA 3110

Description: This is a capstone course where the student relates the principles of strategic management to organizational goals, identifying new capabilities, and the impact of current decision making on the future of the corporation.

Lecture/Lab Hours: Three hours per week.

MGMT 4110 – Leadership

Credit: 3 hours

Prerequisites: MGMT 3141

Description: This course seeks to develop an understanding of effective leadership from both a theoretical and practical perspective. As such, both historical and contemporary leadership theories and approaches will be explored and their applicability to practical situations will be determined. This course will also explore the skills, abilities, and behaviors needed to exercise influence and effectively lead individuals, teams and organizations toward the achievement of common goals. It will address the

roles leaders play and the responsibilities they fulfill as they strategize to positively impact organizational performance and success.

Lecture/Lab Hours: Three hours per week.

MGMT 4115 – Collective Bargaining/Labor Relations

Credit: 3 hours

Prerequisites: MGMT 3141

Description: This is an analysis of the major problems and grievances of employers, employees, and consumers arising from our competitive economic system and a consideration of efforts to solve these problems, including labor management conflict and resolution and the collective bargaining process.

Lecture/Lab Hours: Three hours per week.

MGMT 4125 – Compensation and Benefits

Credit: 3 hours

Prerequisites: MGMT 3141

Description: The course covers basic compensation and benefits systems. Topics include a study of the employment environment and its impact on compensation programs, including job evaluation methods and salary determinations. Benefit programs and governmental policy implications will be considered.

Lecture/Lab Hours: Three hours per week.

MGMT 4135 (MKTG 4135) – Entrepreneurship

Credit: 3 hours

Prerequisites: MGMT 3141 or 2141, MKTG 3161 or 2161, and FINC 3131 or FINA 3110

Description: This is a study of the business formation process. It focuses on characteristics of successful entrepreneurs, creativity, risk taking, and the necessary planning associated with new business ventures. Students will develop an idea for a new business venture, conduct a feasibility analysis, identify resources, and conclude with a comprehensive business plan.

Lecture/Lab Hours: Three hours per week.

MGMT 4151 (MKTG 4151) – Principles of Contracting

Credit: 3 hours

Prerequisites: MGMT 3141

Prerequisites or Co-requisites: LENB 3135

Description: This course introduces the student to contracting basics, acquisition planning, and solicitation portions of the contracting process. Contracting topics such as understanding the acquisition team, business relationships, E-Commerce, contracting regulations, elements of a contract, and contracting methods are just some of the beginning areas covered. In addition, elements of acquisition planning such as risk, market research, commercial considerations, contract types, and socio-economic areas are discussed. Steps related to the solicitation process such as developing a source list, line item structure, labor laws, format of a solicitation and amendment, and synopsis are reviewed. The focus of this course is to introduce the student to beginning contracting concepts and principles and to provide the student with an understanding of the steps related to the acquisition planning and solicitation process.

Lecture/Lab Hours: Three hours per week.

MGMT 4152 (MKTG 4152) – Contract Evaluation and Award

Credit: 3 hours

Prerequisites: MGMT 4151

Description: This course introduces the student to topics related to the evaluation, award, and post award portions of the contracting process. Elements of evaluation related to competitive acquisitions and past performance evaluation are reviewed. Steps related to the proposal receipt process such as contractor responsibility, debarred/suspended, and certificate of competency are covered. The award process is also covered by a discussion of processes such as legal review, clearance, 1279 Report, notification to unsuccessful offeror, and preparation of award. Post award topics such as contract administration functions, contract closeout, contract modifications, remedies, claims, disputes, and request for equitable adjustments are covered. The focus of this course is to provide the student with an understanding of the steps related to the evaluation, award, and post award phases of the contracting process.

Lecture/Lab Hours: Three hours per week.

MGMT 4153 (MKTG 4153) – Contract Pricing

Credit: 3 hours

Prerequisites: FINA 3110, MGMT 3101, and MGMT 4152

Description: This course introduces the concepts and practices associated with analyzing data, defending the results and basis of the analysis, and documenting those determinations. Topics include determining the appropriateness of performing price and cost analysis as well as the use of various tools associated with each method. In addition, the course will provide instruction on incorporating information derived from these tools to formulate a strategy for defending said results and applying them in a negotiation environment. The focus of this course is to ensure not only the understanding of the evaluation process but also the transfer of that knowledge to making sound price/cost business decisions.

Lecture/Lab Hours: Three hours per week.

MGMT 4165 (MKTG 4165) – Small Business Management

Credit: 3 hours

Prerequisites: FINA 3110, MGMT 3101, MGMT 3141, MKTG 3161, or permission of the instructor

Description: This is a hands-on experience concerned with the problems and responsibilities of starting and operating a small business. Students work in teams, consulting with small business and/or entrepreneurs on actual business cases.

Lecture/Lab Hours: Three hours per week.

MGMT 4166 – Advanced Operations Management

Credit: 3 hours

Prerequisites: MGMT 3165

Description: This course is an extension of the core operations management course and is intended for students enrolled in the operations management major concentration. It includes a more in-depth analysis of cutting edge topics such as production planning and control, inventory management, lean manufacturing, six sigma, theory of constraints, project management, enterprise resource planning systems, and more.

Lecture/Lab Hours: Three hours per week.

MGMT 4167 – Operations Strategy

Credit: 3 hours

Prerequisites: MGMT 3165

Description: This course is a strategic look at the production/operations function of modern business systems intended for students enrolled in the operations management major concentration. The emphasis of this course is on designing operating systems that go beyond merely supporting the organization's business strategy. World class operations provide firms with distinctive competencies that give the firm a competitive advantage in the marketplace. This course will use lecture and case studies.

Lecture/Lab Hours: Three hours per week.

MGMT 4171 – Continuous Process Improvement

Credit: 3 hours

Prerequisites: MGMT 3165 with a grade of "C" or higher

Description: This course introduces students to the importance of continuous process improvement as a competitive necessity for today's business environment. Three primary bodies of knowledge are discussed: Lean, Six Sigma, and Theory of Constraints.

Lecture/Lab Hours: Three hours per week.

MGMT 4172 – Advanced Six Sigma

Credit: 3 hours

Prerequisites: Grade "C" or better in MGMT 4171

Description: This course will build on the knowledge students gained in the Introduction to Six Sigma course. The emphasis of this course will be on using software packages such as Minitab, Visio, and PowerPoint for defining, measuring, analyzing, improving, and controlling business processes. The class will feature guest speakers and possibly field trips to companies who are using the Six Sigma philosophy and tools. Additionally, the philosophy and tools students will learn will be used in study engineering, supply chains, manufacturing, and administrative systems. Performance will be measured with in-class examinations and quizzes, individual/group case analyses, and other suitable methods.

Lecture/Lab Hours: Three hours per week.

MGMT 4175 – Global Business & Management

Credit: 3 hours

Prerequisites: ECON 2105; ECON 2106; and Junior standing or permission of instructor.

Description: This course seeks to develop a global mindset required to manage international business operations, markets and resources, and addresses the challenges of managing consumers and human resources across cultures in global markets. This course will help the students learn the economic, financial, political and legal differences and challenges in managing global trade and business organizations. This course will address the unique perspectives and analyses associated with investments and trade in foreign markets, developing international marketing/consumer strategies, and will explain the challenges associated with leadership and human resource practices in diverse cultural environments. Special attention will be given to the role of technology and knowledge based firms in global markets. Students will not receive credit for both ECON 3175 and MGMT 4175.

Lecture/Lab Hours: Three hours per week.

MGMT 4181 – Service Management

Credit: 3 hours

Prerequisites: MGMT 3165

Description: This course is an in-depth look at the management of service operations. A customer-centered focus is used. Topics include new service design and development and managing on-going service operations with an emphasis on continuous improvement. Several world-class service providers will be analyzed in detail.

Lecture/Lab Hours: Three hours per week.

MGMT 4195 – Strategic Management

Credit: 3 hours

Prerequisites: BUSA 3101, ECON 3175, FINA 3110, LENB 3135, MGMT 3101, MGMT 3141, MGMT 3165, MKTG 3161, and senior standing

Description: This is a capstone course designed to integrate knowledge gained in the various functional business areas and to exercise the student's analytical skills in problem identification, strategy formulation, integration and decision implementation, including international and ethical considerations.

Lecture/Lab Hours: Three hours per week.

MGMT 4250 – Intermediate Systems Acquisition Management

Credit: 3 hours

Prerequisites: MGMT 3151, MGMT 3101, or permission of instructor

Description: This course introduces the student to more advanced concepts and principles in Systems Acquisition Management. Topics such as mission support planning; program management tools, and basic software acquisition management are just some of the areas covered. The focus of this course is to introduce the student to the more advanced concepts and principles of systems acquisition and to provide the students higher levels of understanding of the acquisition planning process.

Lecture/Lab Hours: Three hours per week.

MGMT 4303 – Logistics Decision Making

Credit: 3 hours

Prerequisites: AMGT 2301 with a grade of C or higher.

Description: This course examines critical elements and systems which drive accuracy and decision making at all levels of management.

Lecture/Lab Hours: Three hours per week.

MGMT 4310 – Logistics Management Internship for Private Industry and Government Co-Op Student Career Experience Program (SCEP)

Credit: 1 - 6 hours

Prerequisites: Approval by department chair.

Description: This internship/co-op opportunity provides practical experience in the fields of Logistics and Supply Chain Management as approved by the department chair. Maximum of 6 hours.

Lecture/Lab Hours: One to six hours per week.

MGMT 4505 – Special Topics

Credit: 1– 3 hours

Prerequisites: Approval of School Dean

Description: This is a customized course under the direction of a faculty sponsor that meets special needs of students and/or the community. It is designed to offer students an opportunity to study at a level or on topics not covered in regularly scheduled courses.

Lecture/Lab Hours: One to three hours per week.

MGMT 4605 – Internship and/or Cooperative Education

Credit: 1 – 9 hours

Prerequisites: Approval of School Dean and Faculty Sponsor

Description: This is an individually designed and planned learning experience involving field experience and study in the private or public sector.

Lecture/Lab Hours: One to nine hours per week.

MGMT 4805 – Independent Study

Credit: 1 – 3 hours

Prerequisites: Approval of School Dean

Description: This is an investigation of a topic of interest with reports given to instructor.

Lecture/Lab Hours: One to three hours per week.

MKTG 3161 – Principles of Marketing

Credit: 3 hours

Prerequisites: ECON 2105, ECON 2106, junior standing, or permission of instructor

Description: This is an introduction to the basic principles of marketing and the marketing environment with a focus on development of an understanding of ethical planning, implementing, and controlling marketing activities on a local, national, and international scale.

Lecture/Lab Hours: Three hours per week.

MKTG 3162 – Consumer Behavior

Credit: 3 hours

Prerequisites: MKTG 3161

Description: This is a study of the consumer decision-making process and the factors influencing it. Psychological, sociological, economic, and cultural anthropological factors are examined. Their impact on marketing formulation, both domestic and international, is emphasized.

Lecture/Lab Hours: Three hours per week.

MKTG 3167 – Retailing

Credit: 3 hours

Prerequisites: MKTG 3161

Description: This is a study of the retail strategy as it helps form the philosophy, objectives, activities, and control mechanisms for a retailer.

Lecture/Lab Hours: Three hours per week.

MKTG 3170 – Sales and Sales Management

Credit: 3 hours

Prerequisites: MKTG 3161

Description: This course is a study of methods of professional selling and sales management. The focus is on how sales fits into the overall marketing function, including the theory, practice, and current behavioral concepts of personal selling and the elements of managing a successful sales force necessary for meeting marketing objectives.

Lecture/Lab Hours: Three hours per week.

MKTG 3209 – Airline Marketing

Credit: 3 hours

Prerequisites: MKTG 3161

Description: This course provides a foundation in general marketing principles as they relate to the aviation and airline industry: including the frequent flyer program, marketing tools, and unique aspects of the aviation market segmentations.

Lecture/Lab Hours: Three hours per week.

MKTG 3409 – Small Business Marketing

Credit: 3 hours

Prerequisite: MKTG 3161

Description: This course covers practical marketing strategies and tactics for entrepreneurs ranging from independent consultants to small business owners and employees. Learn how to create a targeted marketing plan and implement it through digital, print, and verbal marketing streams. You examine key marketing concepts, from target-market definition to objective setting and plan evaluation; gain an understanding of critical marketing vehicles, from websites to sales presentations; and learn how to write critical documents, from news releases to sales brochures and marketing presentations.

Lecture/Lab Hours: Three hours per week.

MKTG 4135 (MGMT 4135) – Entrepreneurship

Credit: 3 hours

Prerequisites: MGMT 3141 or 2141, MKTG 3161 or 2161, and FINC 3131 or FINA 3110

Description: This is a study of the business formation process. It focuses on characteristics of successful entrepreneurs, creativity, risk taking, and the necessary planning associated with new business ventures. Students will develop an idea for a new business venture, conduct a feasibility analysis, identify resources, and conclude with a comprehensive business plan.

Lecture/Lab Hours: Three hours per week.

MKTG 4151 (MGMT 4151) – Principles of Contracting

Credit: 3 hours

Prerequisites: MGMT 3141

Prerequisites or Co-requisites: LENB 3135

Description: This course introduces the student to contracting basics, acquisition planning, and solicitation portions of the contracting process. Contracting topics such as understanding the acquisition team, business relationships, E-Commerce, contracting regulations, elements of a contract, and contracting methods are just some of the beginning areas covered. In addition, elements of acquisition planning such as risk, market research, commercial considerations, contract types, and socio-economic areas are discussed. Steps related to the solicitation process such as developing a source list, line item structure, labor laws, format of a solicitation and amendment, and synopsis are reviewed. The focus of this course is to introduce the student to beginning contracting concepts and principles and to provide the student with an understanding of the steps related to the acquisition planning and solicitation process.

Lecture/Lab Hours: Three hours per week.

MKTG 4152 (MGMT 4152) – Contract Evaluation and Award

Credit: 3 hours

Prerequisites: MKTG 4151

Description: This course introduces the student to topics related to the evaluation, award, and post award portions of the contracting process. Elements of evaluation related to competitive acquisitions and past performance evaluation are reviewed. Steps related to the proposal receipt process such as contractor responsibility, debarred/suspended, and certificate of competency are covered. The award process is also covered by a discussion of processes such as legal review, clearance, 1279 Report, notification to unsuccessful offeror, and preparation of award. Post award topics such as contract administration functions, contract closeout, contract modifications, remedies, claims, disputes, and request for equitable adjustments are covered. The focus of this course is to provide the student with an understanding of the steps related to the evaluation, award, and post award phases of the contracting process.

Lecture/Lab Hours: Three hours per week.

MKTG 4153 (MGMT 4153) – Contract Pricing

Credit: 3 hours

Prerequisites: FINA 3110, MGMT 3101, and MGMT 4152

Description: This course introduces the concepts and practices associated with analyzing data, defending the results and basis of the analysis, and documenting those determinations. Topics include determining the appropriateness of performing price and cost

analysis as well as the use of various tools associated with each method. In addition, the course will provide instruction on incorporating information derived from these tools to formulate a strategy for defending said results and applying them in a negotiation environment. The focus of this course is to ensure not only the understanding of the evaluation process but also the transfer of that knowledge to making sound price/cost business decisions.

Lecture/Lab Hours: Three hours per week.

MKTG 4161 – Marketing Research

Credit: 3 hours

Prerequisites: MGMT 3101 and MKTG 3161

Description: This course is a study of the development of the basic methodology in research design for primary and secondary data, including requirements for collection, analysis, editing, coding, and presentation of data to support marketing decisions.

Lecture/Lab Hours: Three hours per week.

MKTG 4162 – Business to Business Marketing

Credit: 3 hours

Prerequisites: MKTG 3161

Description: This course is a study of the marketing of products and services to institutions, including businesses, government, and non-profit organizations. The course focuses on the practices, strategies, and managerial problems unique to development of the business-to-business marketing mix.

Lecture/Lab Hours: Three hours per week.

MKTG 4163 – Services Marketing

Credit: 3 hours

Prerequisites: MKTG 3161

Description: This course is a study of the unique challenges of managing a marketing mix of for-profit and non-profit services. The course covers theory, service quality attainments, service design and strategy, and implementation plans. It includes an examination of social marketing, which seeks to influence social behaviors not to benefit the marketer but to benefit the target audience and society.

Lecture/Lab Hours: Three hours per week.

MKTG 4165 (MGMT 4165) – Small Business Management

Credit: 3 hours

Prerequisites: FINA 3110, MGMT 3101, MGMT 3141, MKTG 3161, or permission of the instructor

Description: This is a hands-on experience concerned with the problems and responsibilities of starting and operating a small business. Students work in teams consulting with small business and/or entrepreneurs on actual business cases.

Lecture/Lab Hours: Three hours per week.

MKTG 4166 – Marketing Promotion and Communication

Credit: 3 hours

Prerequisites: MKTG 3161

Description: This is a study of the theoretical and practical aspects of effective marketing communication as a means of market promotion. The course stresses economic, social, and ethical aspects of promotion and requires the student to develop a program for a specific purpose including layouts and story boards.

Lecture/Lab Hours: Three hours per week.

MKTG 4168 – International Marketing

Credit: 3 hours

Prerequisites: MKTG 3161

Description: This course is a study of the international business environment, including the social, cultural, political, technological, and institutional factors. The course focuses on how companies compete for customers around the world by examining the global implications of managing the marketing mix and understanding the global economy, cultural forces, and the political and regulatory climate.

Lecture/Lab Hours: Three hours per week.

MKTG 4198 – Marketing Management

Credit: 3 hours

Prerequisites: MKTG 3161, plus two other 3000/4000-level marketing courses, and senior standing

Description: This is a study of the marketing environment. Application of the development of the marketing plan and strategy coupled with techniques to ethical marketing management is stressed by the use of cases or computer simulation.

Lecture/Lab Hours: Three hours per week.

MKTG 4505 – Special Topics

Credit: 1 – 3 hours

Prerequisites: Approval of School Dean

Description: This is a customized course that meets special needs of students and/or the community under the direction of a faculty supervisor. It is designed to offer students an opportunity to study at a level or on topics not covered in regularly scheduled courses.

Lecture/Lab Hours: One to three hours per week.

MKTG 4605 – Internship and/or Cooperative Education

Credit: 1 - 9 hours

Prerequisites: Approval of School Dean and Faculty Sponsor

Description: This is an individually designed and planned learning experience involving field experience and study in the private or public sector.

Lecture/Lab Hours: One to nine hours per week.

MKTG 4805 – Independent Study

Credit: 1 - 3 hours

Prerequisites: Approval of School Dean

Description: This course is an investigation of a topic of interest with reports given to instructor.

Lecture/Lab Hours: One to three hours per week.

MUSIC (MUSA/MUSC)

Applied Lessons for NON-MUSIC MAJORS Only

MUSA 1003, 1004, 2003, 2004 – Applied Piano

MUSA 1013, 1014, 2013, 2014 – Applied Voice

MUSA 1023, 1024, 2023, 2024 – Applied Brass

MUSA 1033, 1034, 2033, 2034 – Applied Woodwind

MUSA 1043, 1044, 2043, 2044 – Applied Percussion

MUSA 1053, 1054, 2053, 2054 – Applied Strings

MUSA 1063, 1064, 2063, 2064 – Applied Classical Guitar

Credit: 1 hour

Prerequisites: None, but courses must be taken in sequence

Co-requisites: Appropriate 1000/2000-level ensemble

Description: Private or small group music lessons. Open to students of any major. Applied Music fee required each semester.

Lecture/Lab hours: Private-one hour per week; small group-two hours per week.

Applied Lessons for MUSIC MAJORS Only
MUSA 1103, 1104, 2103, 2104 – Applied Piano
MUSA 1113, 1114, 2113, 2114 – Applied Voice
MUSA 1123, 1124, 2123, 2124 – Applied Brass
MUSA 1133, 1134, 2133, 2134 – Applied Woodwind
MUSA 1143, 1144, 2143, 2144 – Applied Percussion
MUSA 1153, 1154, 2153, 2154 – Applied Strings
MUSA 1163, 1164, 2163, 2164 – Applied Classical Guitar

Credit: 2 hours

Prerequisites: None, but courses must be taken in sequence

Co-requisites: Appropriate 1000/2000-level ensemble

Description: Private music lessons. Open to music majors only. Applied Music fee required each semester. A successful completion of the 1000-level sequence is required for placement in the 2000-level sequence.

Lecture/Lab hours: One hour per week

Music Ensembles

MUSC 1078, 1079, 2078, 2079 – Classical Guitar Ensemble*

MUSC 1080, 1081, 2080, 2081 – University Band

MUSC 1082, 1083, 2082, 2083 – Jazz Ensemble*

MUSC 1084, 1085, 2084, 2085 – Brass Ensemble*

MUSC 1086, 1087, 2086, 2087 – Percussion Ensemble*

MUSC 1088, 1089, 2088, 2089 – Woodwind Ensemble*

MUSC 1090, 1091, 2090, 2091 – Chamber Singers

***Auditions required**

Credit: 1 hour

Prerequisites: None, but must be taken in sequence

Description: Study, rehearsal and concert performance of group literature. Auditions at the discretion of the director.

Lecture/Lab Hours: Three hours per week.

MUSC 1006 – Perspectives on Music and Society

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communication through an introduction to music and society. The course includes an online Critical Thinking and Oral Communication (CTOC) component. This course will explore the connections between music and the various facets of human experience. Using content from multiple genres, social groups, and historical eras, the course will focus on the ways music shapes, interprets, and represents cultural changes.

Lecture/Lab Hours: Four hours per week.

MUSC 1100 – Music Appreciation

Credit: 3 hours

Description: An introduction to music history and literature. Students will develop listening skills for and gain cultural understanding of music from around the world. Popular and art music from Western and non-Western cultures are included to help prepare students for the global economy.

Lecture/Lab Hours: Three hours per week.

MUSC 1101 – Elementary Theory I

Credit: 2 hours

Co-requisites: MUSC 1102

Description: This is the study of elementary materials of music theory, including scales, intervals, keys, terminology, diatonic harmony, instrument transpositions, and rudimentary score analysis.

Lecture/Lab Hours: Three hours per week.

MUSC 1102 – Sight-singing/Ear-training I

Credit: 1 hour

Co-requisites: MUSC 1101

Description: This course focuses on developing basic sight-reading/sight-singing skills, including melodic, harmonic, and rhythmic sight-singing and dictation.

Lecture/Lab Hours: Ninety minutes per week.

MUSC 1103 – Elementary Theory II

Credit: 2 hours

Prerequisites: MUSC 1101

Co-requisites: MUSC 1104

Description: This is the continued study of elementary materials of music theory, including scales, intervals, keys, terminology, diatonic harmony, instrument transpositions, and rudimentary score analysis.

Lecture/Lab Hours: Three hours per week.

MUSC 1104 – Sight-singing/Ear-training II

Credit: 1 hour

Prerequisites: MUSC 1102

Co-requisites: MUSC 1103

Description: This course focuses on developing basic sight-reading/sight-singing skills, including melodic, harmonic, and rhythmic sight-singing and dictation.

Lecture/Lab Hours: Ninety minutes per week.

MUSC 1112 – Class Piano Lab I

Credit: 1 hour

Prerequisites: Music major or permission of instructor

Description: Introduction for the beginner to the keyboard and to the fundamentals of music in a laboratory setting. Must learn to play all two-octave major scales and simple music on a grand staff using both hands. Applied music fee may be included.

Lecture/Lab hours: Three hours per week.

MUSC 1113 – Class Piano Lab II

Credit: 1 hour

Prerequisites: MUSC 1112 or permission of instructor

Description: Introduction for the more advanced beginner to the keyboard and to the fundamentals of music in a laboratory setting. Must learn to play all two-octave minor scales as well as progress appropriately with playing music written on a grand staff. Applied music fee may be included.

Lecture/Lab hours: Three hours per week.

MUSC 2201 – Intermediate Music Theory I

Credit: 2 hours

Prerequisites: MUSC 1103

Description: This is a continuation of the music theory sequence. Topics include advanced concepts in melodic analysis, harmonic analysis, and score analysis, as well as the study of form.

Lecture/Lab Hours: Three hours per week.

MUSC 2203 – Intermediate Music Theory II

Credit: 2 hours

Prerequisites: MUSC 2201

Description: This is a continuation of the music theory sequence. Topics include advanced concepts in melodic analysis, harmonic analysis, and score analysis, as well as the study of form.

Lecture/Lab Hours: Three hours per week.

NMAC 2108 – Social Media in the Professional World

Credit: 3 hours

Prerequisites: At least a “C” in ENGL 1101 or 1101H

Description: This course gives an overview of using social media applications such as Twitter, Facebook, LinkedIn, AboutMe, etc., as tools to market oneself in the professional world. Issues of social media ethics and best practices will also be examined.

Lecture/Lab Hours: Three hours per week.

NMAC 3108 – Writing for Digital Media

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This class addresses digital writing in various forms. In developing Web and other projects, students will consider issues such as language, information architecture, communication, collaboration, and community.

Lecture/Lab Hours: Three hours per week.

NMAC 3145 – Digital Media Studio

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: In this foundational course in new media, students will study technology trends and be introduced to the tools of the trade: current hardware and software essential to digital media production.

Lecture/Lab Hours: Three hours per week.

NMAC 3460 – Media Criticism

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: An introduction to the critical approaches used to analyze and evaluate media (television, radio, film, for example). This course is designed to provide students with a critical framework for doing in-depth analyses of media "texts" in terms of their structure, production, and/or reception.

Lecture/Lab Hours: Three hours per week.

NMAC 3600 – Digital Storytelling

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This course explores the impact of digital technologies on the practice of storytelling. Students will learn to craft narratives in a digital format.

Lecture/Lab Hours: Three hours per week.

NMAC 3610 – Advanced Digital Storytelling

Credit: 3 hours

Prerequisites: NMAC 3600

Description: This course advances the skills and knowledge of digital storytelling developed in NMAC 3600. Students will deepen their understanding of digital literacy, narrative voice in new media, and the tools of digital media.

Lecture/Lab Hours: Three hours per week.

NMAC 3651 – Digital Photography and Criticism

Credit: 3 hours

Description: This course addresses the methods, techniques, and critical analysis of digital photography. Emphasis will be placed upon understanding the photographic image as a means to communicate content, developing and presenting photographs through digital processes, and interpreting photographs through written and oral analyses.

Lecture/Lab Hours: Three hours per week.

NMAC 3999 – Special Topics

Credit: 3 hours

Description: This is an intensive study of a significant topic in new media and communication not otherwise covered in course offerings.

Lecture/Lab Hours: Three hours per week.

NMAC 4001 – Film History I

Credit: 3 hours

Prerequisites: At least a “C” in ENGL 1102/1102H

Description: This is an upper division course on the history of film from its nineteenth century origins to the end of World War II. Topics will include early cinema, silent cinema, national cinemas before and after WWI, early sound cinema, and the Hollywood studio system.

Lecture/Lab Hours: Three hours per week.

NMAC 4002 – Film History II

Credit: 3 hours

Prerequisites: At least a “C” in ENGL 1102/1102H

Description: This is an upper division course on the history of film from the end of World War II to the present. Topics will include American postwar cinemas, international postwar cinemas, new cinemas of the 60s and 70s, American cinema and the entertainment economy, and the rise of global film culture.

Lecture/Lab Hours: Three hours per week.

NMAC 4440 (CRWR 4440) – Screenwriting

Credit: 3 hours

Prerequisites: At least a “C” in ENGL 1102/1102H

Description: This is an upper division new media course with an emphasis on writing for film. Each student will create one short film script and one feature length screenplay. Students will learn about dramatic principles and storytelling approaches.

Lecture/Lab Hours: Three hours per week.

NMAC 4450 – Documentary Film Production

Credit: 3 hours

Prerequisites: At least a “C” in NMAC 3600

Description: This course explores the concepts of visual communication as they apply to documentary film production. Each student will work on a number of short projects throughout the semester, culminating in a longer, more fully developed final video.

Lecture/Lab Hours: Three hours per week

NMAC 4451 – Fiction Film Production

Credit: 3 hours

Prerequisite: At least a “C” in NMAC 3600

Description: This course explores the concepts of visual communication as they apply to fiction film production. Each student will work on a number of short projects throughout the semester, culminating in a longer, more fully developed final video.

Lecture/Lab Hours: Three hours per week

NMAC 4460 – Senior Seminar: New Media

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This is a survey of new media theories and praxis. It positions new media in relation to the humanities and traditional media.

Lecture/Lab Hours: Three hours per week.

NMAC 4470 – Student Editor Internship

Credit: 3 hours

Prerequisites: ITEC 2215 and at least a "C" in English 3106 or NMAC 3108

Description: This is an on-campus internship designed to provide students with an opportunity to apply their academic training by working as an editor or student leader for an on-campus, student-run media organization such as The Matrix or The Fall Line Review.

Notes: This course can be taken only once.

Lecture/Lab Hours: Three hours per week.

NMAC 4471 – Off-Campus Internship

Credit: 3 hours

Prerequisites: ITEC 2215 and at least a "C" in English 3106 or NMAC 3108

Description: The off-campus internship in NMAC is designed to provide students with opportunity to apply their academic training by working in an appropriate position with an off-campus company or organization. Arrangements for internships must be made before the semester begins but not during a break between semesters. The off-campus internship must be approved by an NMAC advisor. Typically, students make the outside contact.

Notes: The course can be taken only once.

Lecture/Lab Hours: Three hours per week.

NMAC 4472 – Sports Broadcasting Internship

Credit: 3 hours

Prerequisite: Departmental Approval

Description: The sports broadcasting internship in NMAC is designed to provide students with opportunity to work in a multi-camera sports broadcasting situation. Students will learn to set up and use a variety of professional broadcasting cameras as well as have the opportunity to conduct interviews with coaches and players and to direct the broadcast.

Lecture/Lab Hours: Three hours per week

NMAC 4481 – Film Analysis

Credit: 3 hours

Prerequisites: At least a "C" in ENGL 1102/1102H

Description: This course introduces students to significant issues in the history, economics, analysis, and theory of film. Students will examine the ways in which the fundamental aspects of cinema, such as the shot, lighting, sound, camera movement and the narrative structure of film, combine to create meaning. By placing the historical and cultural development of film in context, students will come to understand not only what film had been up until now, but where film will go in the coming digital age.

Lecture/Lab Hours: Three hours per week.

NMAC 4482 – Film Theory

Credit: 3 hours

Prerequisites: NMAC 4481 or permission of the instructor

Co-requisites: NMAC 4481 or permission of the instructor

Description: This is an upper division course that surveys major theoretical and critical approaches to film. Topics will include how cinema functions as a medium, as an art form, as an institution, and as a signifying system.

Lecture/Lab Hours: Three hours per week.

NMAC 4483 – Capstone Professional Portfolio

Credit: 3 hours

Co-/Prerequisites: NMAC 3145 and NMAC 4460

Description: This is a capstone course for students in New Media and Communication. In this seminar, students will undertake the final preparations for entering the field of new media by developing a professional, web-based portfolio that highlights their various productions and compositions in college, their developing expertise and interest in their chosen field, and their competence in new media literacy. The class will examine current best design strategies, the latest new media trends, and legal and privacy issues.

Lecture/Lab Hours: Three hours lecture per week.

NMAC 4483H – Honors Capstone Professional Portfolio

Credit: 3 hours

Co-/Prerequisites: NMAC 3145 and NMAC 4460

Description: This is the capstone course for students in New Media and Communication. In this seminar, students will undertake the final preparations for entering the field of new media by developing expertise and interest in their chosen field, and their competence in new media literacy. The class will examine current best design strategies, the latest new media trends, and legal and privacy issues. The Honors Portfolio is for the superior student, and admission to this course is by invitation of the MCA faculty to selected students who have been admitted to the Honors Program.

Lecture/Lab Hours: Three hours per week.

NURS 1000 - Foundations of Nursing Practice (4-9-7)

Credit: 7 hours

Prerequisites: ENGL 1101, ENGL 1102, Math Elective (MATH 1101, or 1111, or 1112, or 1113, or 1113H, or 1251), BIOL 1114, BIOL 1124, Admission to nursing program.

Co-requisite: NURS 1000L

Description: This course introduces students to the profession of nursing and the role of the nurse in providing care to individuals and families across the life span experiencing alterations in meeting basic health needs. It introduces the framework for the program of study and provides a foundation for nursing practice within legal and ethical standards in the promotion and maintenance of health providing safe, competent, evidenced based nursing care to individuals and families across the life span.

Lecture/Lab Hours: Four hours lecture and nine hours laboratory each week.

NURS 1003 – Clinical Calculations (2-0-2)

Credit: 2 hours

Prerequisites or Co-requisites: MATH 1101, MATH 1111, MATH 1112, MATH 1113, MATH 1113H, or MATH 1251

Description: Uses metric, apothecary, and household systems of measurement with a ratio/proportion method to calculate and plan preparation and administration of medications for all ages. Includes critical thinking for safety and accuracy in dosage calculations for medication administration. Web-based (online) course.

NURS 1500 – Adult and Gerontological Nursing Practice (4-6-6)

Credit: 6 hours

Prerequisites: ENGL 1101, ENGL 1102, MATH elective (MATH 1101, or 1111, or 1112, or 1113, or 1113H, or 1251), BIOL 1114, BIOL 1124, NURS 1000 & NURS 1000L

Co-requisites: NURS 1500L

Description: This course builds upon integration of concepts and skills from the foundations of nursing practice course and focuses on providing care of the adult and gerontological clients. Clinical experiences enhance the development of therapeutic communication, critical thinking, clinical competency and integration of caring, culturally-sensitive behaviors in providing care. The impact of the economics and delivery of health care are examined from a global perspective.

Lecture/Lab Hours: Four hours lecture and six hours laboratory each week.

NURS 1510 – Behavioral Health Nursing Practice Across the Lifespan (2-3-3)

Credit: 3 hours

Prerequisites: ENGL 1101, ENGL 1102, Math Elective (MATH 1101, or 1111, or 1112, or 1113, or 1113H, or 1251), BIOL 1114, BIOL 1124, NURS 1000 & NURS 1000L

Co-requisite: NURS 1510L

Description: This course builds upon the integration of concepts and skills from the foundations of nursing practice course and focuses on providing care to individuals and families experiencing behavioral health dysfunction. The course focuses on applying nursing knowledge to the promotion, maintenance and restoration of mental health in individuals and families. Clinical experiences focus on development of the nurse - client relationship, therapeutic communication, caring, culturally sensitive care, and practice within legal and ethical standards.

Lecture/Lab Hours: Two hours lecture and three hours laboratory each week.

NURS 2000 – Adult and Gerontological Nursing Practice II (4-6-6)

Credit: 6 hours

Prerequisites: ENGL 1101, ENGL 1102, Math Elective (MATH 1101, or 1111, or 1112, or 1113, or 1113H, or 1251), BIOL 1114, BIOL 1124, BIOL 1134, HIST 2111 or 2112, POLS 1101, PSYC 2103, ENGL 2111 or ENGL 2112, NURS 1000, NURS 1000L, NURS 1500, NURS 1500L, & NURS 1510

Co-requisite: NURS 2000L

Description: This course continues with integration of concepts of nursing practice and skills from previous courses. Clinical experiences are expanded focusing on the impact of global perspectives clinical competency and clinical reasoning when prioritizing and managing care for groups of clients exhibiting complex or less common health problems in the aging population.

Lecture/lab: 4 hours lecture and 6 hours laboratory each week.

NURS 2010 – Maternal, Newborn & Child Nursing Practice (3-3-4)

Credit: 4 hours

Prerequisites: ENGL 1101, ENGL 1102, MATH Elective (MATH 1101, or 1111, or 1112, or 1113, or 1113H, or 1251), BIOL 1114, BIOL 1124, BIOL 1134, HIST 2111 or 2112, POLS 1101, PSYC 2103, ENGL 2111 or ENGL 2112, NURS 1000, NURS 1000L, NURS 1500, NURS 1500L, & NURS 1510

Co-requisites: NURS 2010L

Description: This course focuses on applying nursing knowledge to the promotion, maintenance and restoration of health in childbearing women, children and their families. The course integrates the concepts of previous courses and expands the student's ability to provide culturally sensitive, family-centered care; enhancing the ability of the client and family to adapt to physiological and psychosocial changes associated with these stages of life.

Lecture/Lab Hours: Three hours lecture and three hours laboratory each week.

NURS 2500 – Adult and Gerontological Nursing Practice III (3-15-8)

Credit: 8 hours

Prerequisites: ENGL 1101, ENGL 1102, MATH Elective (MATH 1101, or 1111, or 1112, or 1113, or 1113H, or 1251), BIOL 1114, BIOL 1124, BIOL 1134, HIST 2111 or 2112, POLS 1101, PSYC 2103, NURS 1000, NURS 1000L, NURS 1500, NURS 1500L, NURS 1510, NURS 2000, NURS 2000L, NURS 2010

Co-requisites: NURS 2500L

Description: This course focuses on the synthesis of concepts of nursing practice, principles, and roles undergirding professional nursing practice including the impact of health promotion, prevention and wellness and global issues in caring for adult and gerontological clients. Accumulated learning experiences throughout the program are synthesized into an adult practicum experience with assigned nurse preceptors to enhance student's role transition for entry into practice. Course and clinical activities provide an opportunity to enhance clinical reasoning when prioritizing, delegating, and collaborating with members of the multidisciplinary team to ensure high quality and cost effective care.

Lecture/Lab Hours: Three hours lecture and fifteen hours laboratory each week.

NURS 3000 – Introduction to Professional Nursing (2-0-2)

Credit: 2 hours

Prerequisites: Admission to the Pre-Licensure BSN Program

Description: This course focuses on the major concepts incorporated into the role of the professional nurse in working with individuals, families, and groups. Emphasis is on the nursing process, decision-making, communication, empathy, teaching/learning, legal considerations, professional standards, and ethical expectations for nurses.

Lecture/Lab Hours: Two hours lecture per week.

NURS 3005 – Pharmaconutrition (3-0-3)

Credit: 3 hours

Prerequisites: Admission to the Pre-Licensure BSN Program or to the RN-BSN Program

Description: This course builds on math and science knowledge to provide an understanding of drug dosage calculations and classifications of pharmacological agents. The nutritional needs of individuals and their impact on the health of an individual are included along with the interactions of medications and nutrients that can have a beneficial or hazardous effect on the health of an individual. Current information about the effect of over-the-counter medications, vitamins, herbal medications, and supplements will be addressed.

Lecture/Lab Hours: Three hours lecture per week.

NURS 3010 – BSN Fundamental Concepts (3-9-6)

Credit: 6 hours

Prerequisites: Admission to the Pre-Licensure BSN Program

Co-requisites: NURS 3010L

Description: This course introduces the student to concepts and principles for the practice of baccalaureate degree nursing. The application of critical thinking, the nursing process, and communication skills for the purpose of health promotion and restoration are emphasized. Psychomotor skills are introduced and practiced in a campus lab setting, and then with clients in the health care setting. The ability to integrate caring behaviors in the performance of nursing care is an important part of providing basic nursing care in a safe and effective manner.

Lecture/Lab Hours: Three hours lecture and nine hours laboratory per week.

NURS 3100 – Transition to Baccalaureate Nursing Practice (5-0-5)

Credit: 5 hours

Prerequisites/ Co-requisites: Admission to the RN-BSN Program

Description: The focus of this course is to provide nurses with the skills and knowledge necessary for effective transitional practice in the various roles of a baccalaureate nurse. Specifically, students will explore the role of the nurse as leader and manager, the role of the nurse as educator to patients and caregivers, and the role of the nurse as a political activist on the local, state, and national levels. Students study the conceptual foundations of professional nursing, including analysis of the historical contributions of nursing to health care, the art and science of caring practices, nursing theories, and legal and ethical implications of practice. Processes that guide nursing practice such as effective communication, group change, the use of technology and informatics, health care economics, and cultural and spiritual dimensions of nursing are explored. Current trends in nursing care including the nursing shortage, continuing professional development and future visions for nursing are discussed, as is the impact of LEAN/Six Sigma on the nurse's role as leader and manager in daily practice.

Lecture/Lab Hours: Five hours per week.

NURS 3111 – Concepts of Mental Health Nursing Care (3-6-5)

Credit: 5 hours

Prerequisites: At least a "C" in NURS 3010

Co-requisites: NURS 3111L

Description: This course focuses on application of mental health nursing concepts, therapeutic interactions, and mental health assessment and management of care. Emphasis is on therapeutic communication, judgment, and the use of the nursing process in the care of patients experiencing biopsychosocial stressors in acute care and in selected community settings.

Lecture/Lab Hours: Three hours lecture and six hours laboratory per week.

NURS 3115 – Concepts of Adult & Gerontological Nursing Care I (4-9-7)

Credit: 7 hours

Prerequisites: At least a "C" in NURS 3010

Co-requisites: NURS 3115L

Description: This course builds on the knowledge obtained in the math, sciences, and humanities as well as the basic principles of nursing obtained in previous nursing courses. It includes knowledge of specific health diagnoses, pharmacology, diagnostic tests, health assessment, interventions, and methods of managing the care of adult and gerontological adults and their families. This course focuses on chronic health care needs including care of clients with acute exacerbations of these illnesses.

Lecture/Lab Hours: Four hours lecture and nine hours laboratory per week.

NURS 3200 – Physical Assessment (3-3-4)

Credit: 4 hours

Prerequisites: For RN-BSN Students: At least a "C" in all of the following: BIOL 1114K, BIOL 1124K, and BIOL 1134K

For Pre-Licensure BSN Students: Admission to the Pre-Licensure BSN Program

Co-requisites: For RN-BSN Students: NURS 3200L

For Pre-Licensure BSN Students: NURS 3200L

Description: This course focuses on health history and physical examination skills, as well as health promotion, restoration, and maintenance activities related to caring for the adult client. Emphasis is on the cognitive, affective and psychomotor skills necessary to perform a complete head-to-toe physical examination. It also includes clinical variations, developmental tasks, and health promotion, restoration, and maintenance activities related to the infant, child, and older adult, as well as significant cultural variations. Application of clinical assessment and clinical judgment is assessed in the laboratory setting.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

NURS 3210 – Physical Assessment, Health Examination, & Documentation Practices for the Professional Nurse (4-3-5)

Credit: 5 hours

Prerequisites: Admission to the RN-BSN Program

Co-requisites: NURS 3210L

Description: This course focuses on health history and physical examination skills, while facilitating an opportunity for students to increase their clinical competence in health assessment of the adult client. Emphasis is on the cognitive, affective and psychomotor skills necessary to perform a complete head-to-toe physical examination. It also includes clinical variations developmental tasks, and health promotion, restoration, and maintenance activities related to the infant, child, and older adult, as well significant cultural variations. The importance of comprehensive and accurate documentation of physical assessment findings is discussed and reviewed, as are strategies to avoid legal issues when documenting assessment findings, and utilizing documentation as a tool for effective communication amongst the interdisciplinary team.

Lecture/Lab Hours: Four hours lecture and three hours laboratory per week.

NURS 3330 – Nursing Research Methods (3-0-3)

Credit: 3 hours

Prerequisites: MATH 1200, acceptance to the RN-BSN or BSN Nursing Programs

Description: This course provides an introduction to research principles and methods involved in planning, designing, analyzing, interpreting, and communicating research. Emphasis is placed on those areas of research designs and outcomes that will enable students to evaluate research and recommend changes to nursing practice.

Lecture/Lab Hours: Three hours lecture per week.

NURS 3400 – Concepts of Nurse as Educator (3-0-3)

Credit: 3 hours

Prerequisites: At least a “C” in all of the following: NURS 3005, NURS 3100, and NURS 3200

Description: This course presents the foundations for effective healthcare teaching. Theories and concepts of learning, cognition, instruction, and evaluation are presented. Students will learn basic instructional design that will guide the development of teaching programs for patients and peers. Students will discuss teaching and learning styles that will facilitate precepting of novice nurses and students. Methods of enhancing caring practices through educator-to-student, nurse-to-client, and nurse-to-nurse relationships will be emphasized. Students will examine the role of nurse as educator; characteristics of learners; the learning needs of special populations and techniques and strategies for teaching and learning.

Lecture/Lab Hours: Three hours lecture per week.

NURS 3440 – Introduction to Nursing Research (3-0-3)

Credit: 3 hours

Prerequisites: Admission to the RN-BSN Program

Description: This course provides an introduction to research principles and methods involved in planning, designing, analyzing, interpreting, and communicating research. Emphasis is placed on those areas of research design and outcomes that will enable students to evaluate research evidence and recommend changes to nursing practice.

Lecture/Lab Hours: Three hours lecture per week.

NURS 3500 – Gerontological Nursing (3-0-3)

Credit: 3 hours

Prerequisites: At least a “C” in all of the following: NURS 3005, NURS 3100, and NURS 3200

Description: This course is an introduction to gerontological nursing. It offers a foundation in the physiology, psychology, and sociology of aging. Health promotion, restoration, maintenance behaviors, and activities specific to the unique and complex needs of older adults are emphasized.

Lecture/Lab Hours: Three hours lecture per week.

NURS 3600 – Independent Study

Credit: 1-3 hours

Description: This course is individually designed under the direction of faculty to allow students opportunities to explore a specific area of interest. This course may be repeated.

NURS 4000 – Concepts of Community Health and Transcultural Nursing Care (3-6-5)

Credit: 5 hours

Prerequisites: PL-BSN Students: At least a “C” in NURS 3115 & NURS 3115L

Co-requisite: NURS 4000L

Description: This course explores the role of the nurse in providing health care to clients in a variety of culturally diverse communities. Students will learn methods for assessing community health needs, techniques used to restore and maintain the health care of diverse populations, and strategies for promoting wellness. Cultural and ethnic factors impacting health care belief and value systems to increase their sensitivity, respect, and caring for others. Clinical experiences will expose students to a variety of community health environments providing opportunities to practice health promotion behaviors in the delivery of health care to diverse populations.

Lecture/Lab Hours: Three hours lecture and six hours laboratory per week.

NURS 4100 – Nursing Care of Special Client Populations

Credit: 8 hours

Prerequisites: Admission to RN-BSN program

Co-requisites: NURS 4100L

Description: An asynchronous online course that explores the role of the nurse in providing health care to clients in a variety of culturally diverse communities. Students will learn methods for assessing community health needs, techniques used to restore and maintain the health of diverse populations and strategies for promoting wellness in clients across the lifespan. Cultural and ethnic factors impacting health care beliefs and practices will be explored. Students will be challenged to use introspection and conscious examination of their own belief and values systems to increase their sensitivity, respect, and caring for others. Clinical component to this course: Clinical experiences will expose students to a variety of community health environments providing opportunities to practice health promotion behaviors in the delivery of health care to diverse populations.

Lecture/Lab Hours: Six hours lecture and six hours laboratory per week.

NURS 4116 – Concepts of Women's and Infant Health Care (3-3-4)

Credit: 4 hours

Prerequisites: At least a "C" in NURS 3115

Co-requisites: NURS 4116L

Description: This course focuses on the application of maternal-child and women's health concepts and management of care. Emphasis is on teaching/learning, judgment, and the use of the nursing process in antepartum, intrapartum, postpartum, newborn, and women's health care. Selected issues related to genetics, reproduction, and women's health issues are included.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

NURS 4200 – Concepts of the Nurse as Leader/Manager (3-0-3)

Credit: 3 hours

Prerequisites: For RN-BSN students: Admission to the RN-BSN program.

For Pre-Licensure students: At least a "C" in NURS 3115

Description: This course focuses on the study of the symbiotic roles of leadership and management for the professional nurse in various healthcare settings, including examination of related theories. It will include exploration of major management functions, as well as essential components of leadership, with an emphasis on problem solving and critical thinking, in the currently challenging and changing healthcare environment.

Lecture/Lab Hours: Three hours per week.

NURS 4210 – Concepts of Adult & Gerontological Nursing Care II (4-6-6)

Credit: 6 hours

Prerequisites: At least a "C" in NURS 3115.

Co-requisites: NURS 4210L

Description: This course builds on the knowledge obtained in previous nursing courses. It focuses on responses to complex, multi-system health care needs and includes knowledge of specific health diagnoses, pharmacology, diagnostic tests, health assessment, interventions, and methods of managing the acute and rehabilitation needs of adult and gerontological clients and families.

Lecture/Lab Hours: Four hours lecture and six hours laboratory per week.

NURS 4211 – Concepts of Nursing Care of Children (3-3-4)

Credit: 4 hours

Prerequisites: At least a "C" in NURS 4210

Co-requisites: NURS 4211L

Prerequisites or Co-requisites: NURS 4200

Description: This course focuses on the application of child health concepts in acute care and selected community sites and management of care. Emphasis is on teaching/learning, communication, judgment, and the use of the nursing process when caring for children, adolescents, and families. Selected issues related to genetics, growth and development, and health assessment of children and adolescents are included.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

NURS 4300 – Evidence-Based Practice: The Application of Nursing Research into Practice (5-12-9)

Credit: 9 hours

Prerequisites: At least a "C" NURS 3440

Co-requisites: NURS 4300L

Description: This program capstone course focuses on the application of knowledge from past and current learning experiences and promotes principles of life-long learning and contribution to nursing research and evidence-based professional practice via exploration of a previously formulated nursing research question. The course encourages critical-thinking, emphasizes the importance of interdisciplinary communication, and facilitates the clinical application of the nurse in the role of both consumer and producer of research, as well as provider of care within the community. Collaboration with other health care providers to improve evidence-based outcomes of individuals, families, and communities in a diverse society is emphasized, as are the integration of LEAN/Six Sigma principles into the application of evidence-based practice and process.

Lecture/Lab Hours: Five hours lecture and twelve hours laboratory per week.

NURS 4315 – Senior Nursing Practicum (3-15-8)

Credit: 8 hours

Prerequisites: At least a "C" in NURS 4210

Co-requisites: NURS 4315L

Description: This course synthesizes knowledge from the arts and sciences as well as from previous nursing courses. It facilitates transition into the nurse generalist role by providing opportunities for students to apply more in-depth knowledge of nursing practice and leadership/management skills. Use of caring behaviors for the application of critical thinking, communication, collaboration, and safe nursing care practice for individuals, families, and communities is implemented by students in secondary settings with one-on-one preceptorship by a clinical nurse and supervised by a full-time nursing faculty member.

Lecture/Lab Hours: Three hours lecture and fifteen hours laboratory per week.

NURS 4900 – Special Topics

Credit: 1-3 hours

Description: Courses are designed to focus on topics that are not otherwise offered, but there is a current need. Groups of students will explore a specific area of interest under the direction of a faculty member. Examples: Holistic Health Care, Health Care Ethics, Genetics, Critical Health Care and Chronic Health Care. This course may be repeated.

OCTA 1300 – Introduction to OTA

Credit: 3 hours

Prerequisites: None

Description: Introduction to the history, philosophy, ethics, definition and organizations of occupational therapy. General overview and specific role delineation of the occupational therapy assistant and the occupational therapist in a variety of health care settings. Emphasis on the relationship between multiculturalism and concepts of health and illness. Emphasis on tolerance for cultural and life-style differences.

Lecture/Lab Hours: Two hours lecture and three hours laboratory per week.

OCTA 1211 – Analysis of Human Movement

Credit: 2 hours

Prerequisites: BIOL 1114.

Description: Analysis of human movement focusing on the major joint and muscle movements in daily living tasks and occupations. Skills development in assessments appropriate for the OTA including functional muscle testing, goniometry, and standardized assessments of coordination.

Lecture/Lab Hours: One hour lecture and three hours laboratory per week.

OCTA 1410 – Therapeutic Media

Credit: 1-3 hours

Prerequisites: OCTA 1300.

Description: Skills development in culturally appropriate therapeutic media including needle craft, sewing, paper and fiber art, ceramics, leather craft, and woodworking. Introduction to the occupational therapy practice framework's domains and processes. Emphasis on activity analysis and the use of purposeful activity to foster occupational performance in work, self care and leisure.

Lecture/Lab Hours: One hour lecture and nine hours laboratory per week.

OCTA 1421 – Psychosocial Practice for the OTA

Credit: 4 hours

Prerequisites: OCTA 1300.

Co-requisites: PSYCH 1101.

Description: Study of the role of the OTA in prevention, evaluation, intervention, documentation, and discharge planning for individuals with psychosocial dysfunction. Introduction to psychiatric conditions commonly encountered by OTAs in practice. Skills development in therapeutic communication, data collection, assessment, and intervention techniques appropriate for the OTA. Collaboration with the healthcare team in program planning and implementation is emphasized in Level I fieldwork experiences.

Lecture/Lab Hours: Two hours lecture and seven hours laboratory per week.

OCTA 1422 – Physical Practice for the OTA

Credit: 6 hours

Prerequisite: OCTA 1300, OCTA 1211, BIOL 1114.

Description: Study of the role of the OTA in prevention, evaluation, intervention, documentation, and discharge planning for individuals with physical dysfunction. Introduction to medical conditions and medical terminology commonly encountered by OTAs in practice. Skills development in specific treatment techniques and the grading and adapting of purposeful activities to promote functioning in occupations and their underlying component. Emphasis on occupations based practice and the promotion of health and wellness. Laboratory and Level I fieldwork reinforces the development of these skills.

Lecture/Lab Hours: Three hours lecture and nine hours laboratory per week.

OCTA 2323 – Pediatric Practice for the OTA

Credit: 5 hours

Description: Completion of all required OCTA general education core. Study of the role of the OTA in prevention, evaluation, intervention and documentation and discharge planning for individuals with developmental dysfunction. Review of developmental milestones and tasks. Introduction to assessments appropriate for administration by the OTAs. Emphasis on the family and caregiver role in intervention. Laboratory and Level I fieldwork experiences reinforce development of intervention techniques and skills that focus on age and developmentally and culturally appropriate adaptations for the performance of self care, work/school and leisure throughout the life span.

Lecture/Lab Hours: Two hours lecture and nine hours laboratory per week.

OCTA 2224 – Innovative Practice for the OTA

Credit: 2 hours

Description: Completion of all required OCTA general education core. Study of the role of the OTA in innovative areas of practice such as community based services, wellness, and health promotion, adult daycare, and assisted living. Emphasis is on the promotion of occupational therapy. Promotional Information and OT activities for innovative settings are generated by students through research and fieldwork in their area of interest.

Lecture/Lab Hours: Five hours laboratory per week.

OCTA 2110 – Adaptive Techniques for OTA

Credit: 2 hours

Description: Completion of all required OCTA general education core. Emphasis on therapeutic adaptation based on the clients needs, occupations, and sociocultural contexts. Includes skills development in basic splinting, and fabricating adaptive equipment to improve positioning and to promote occupational performance through environmental adaptation. Exploration of technological advances and specialized areas of treatment.

Lecture/Lab Hours: One hour lecture and three hours laboratory per week.

OCTA 2230 – OTA Seminar

Credit: 1-3 hours

Description: Completion of all required OCTA general education core. Analysis of ethical, professional, and social issues affecting OTA practice. Emphasis on preparation for national and state credentialing requirements, promotion of life long learning, and the professional rules and responsibilities of the OTA. Study of the role of health professionals in changing healthcare systems, administration, management, and research. Emphasis on program evaluation, reimbursement mechanism, healthcare legislation, federal and state regulations, and the responsibility for professional and consumer advocacy. (F) 2-3-3

OCTA 2541 – Level II Fieldwork

Credit: 6 hours

Prerequisites: Successful completion of all OCTA coursework and all required OCTA general education core.

Description: Advanced clinical experience under the supervision of a licensed occupational therapist or certified occupational therapy assistant. All Level II fieldwork must be completed within 12 months of completion of OCTA coursework. Minimum of one 8 week session at 40 hrs/week.

Lecture/Lab Hours: Twenty (20) hours laboratory per week.

OCTA 2542 – Level II Fieldwork

Credit: 6 hours

Prerequisites: Successful completion of all OCTA coursework and all required OCTA general education core.

Description: Advanced clinical experience under the supervision of a licensed occupational therapist or certified occupational therapy assistant. All Level II fieldwork must be completed within 12 months of completion of OCTA coursework. Minimum of one 8 week, full-time session.

Lecture/Lab Hours: Twenty (20) hours laboratory per week.

PBSF 1100 – Introduction to Policing

Credit: 4 hours

Description: This course is a required component of the new MGA A.S. in Public Safety and MGA Public Safety Certificate Programs. It introduces students to the basic elements of Policing, throughout the United States. Topics covered include, but are not limited to, Historical Overview of Policing in America; the Duties, Function and Responsibilities of the Police; the Components of the U.S. Criminal Justice System; the Bill of Rights (and the 14th Amendment); Ethics & Professionalism; Community Policing & Crime prevention; Terrorism; NIMS; and the Criminal Victim compensation Act. Students will be required to complete lab components, including an Officer Survival Lab at GPSTC facilities.

Lecture/Lab Hours: Three hours lecture and one hour laboratory per week.

PBSF 2000 – Legal Issues in Public Safety

Credit: 4 hours

Description: This course is a required component of the new MGA A.S. in Public Safety and MGA Public Safety Certificate Programs. It introduces students to legal issues that public safety officers encounter during the performance of their duties. Topics covered include, but are not limited to, Police Officer Liability Issues; Requirements for Search & Arrest Warrants; Stop & Frisk Laws; Vehicle Searches; Legal Authority of Public Safety Officers; Probable Cause; and Detaining Suspects. Students will be required to complete lab components at GPSTC facilities.

Lecture/Lab Hours: Three hours lecture and one hour laboratory per week.

PBSF 2010 – Public Safety Investigations

Credit: 4 hours

Description: This course is a required component of the new MGA A.S. in Public Safety and MGA Public Safety Certificate Programs. It introduces students to the basic elements of Public Safety Investigations. Topics covered include, but are not limited to, patrol & observation; interpersonal communications; interviews & interrogations, crime scene investigations, arrest & booking procedures; courtroom demeanor & testimony; and fingerprinting. Students will be required to complete lab components at GPSTC facilities.

Lecture/Lab Hours: Three hours lecture and one hour laboratory per week.

PBSF 2012 – Public Safety Report Writing

Credit: 3 hours

Description: This course is a required component of the new MGA A.S. in Public Safety and MGA Public Safety Certificate Programs. It introduces students to the basic elements of Public Safety Report Writing. Topics covered include, but are not limited to, preparing incident reports; preparing accident reports; gathering information from witnesses and victims for officer field notes; and crime scene processing notes.

Lecture/Lab Hours: Three hours per week.

PBSF 2014 – Criminal Investigations and Statutes

Credit: 4 hours

Description: This course is a required component of the new MGA Public Safety Certificate Program. It introduces students to the basic elements of Criminal Investigations and Statutes. Topics covered include, but are not limited to, burglary and robbery investigations; motor vehicle theft; crimes against children; and investigations of sexual offenses. Students will be required to complete lab components, including a Control Tactics Lab at GPSTC facilities.

Lecture/Lab Hours: Three hours lecture and one hour laboratory per week.

PBSF 2016 – Motor Vehicle and Traffic Laws

Credit: 5 hours

Description: This course is a required component of the new MGA Public Safety Certificate Program. It introduces students to the basic elements of Motor Vehicle and Traffic Laws. Topics covered include, but are not limited to, the elements of specific traffic offenses contained in the Uniform Rules of the Road; the elements of serious traffic offenses; violations which can be enforced on both public and private property; procedure for identifying, stopping, detaining, and arresting a person for the purpose of traffic enforcement; effective selective traffic enforcement techniques; and legal restrictions on the use of speed detection devices. Students will be required to complete lab components at GPSTC facilities.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

PBSF 2110 – Health Issues in Public Safety

Credit: 1 hour

Description: This course is a required component of the new MGA Public Safety Program. It introduces students to the terminology, methods of addressing job related stress, identifying contagious diseases, symptoms of contagious diseases, and implement known strategies for interaction and communication to people with disabilities or under the influence.

Lecture/Lab Hours: One hour per week.

PBSF 2120 – Public Safety Tactical Field Training Lab

Credit: 4 hours

Description: This course is a required component of the new MGA Public Safety Program. It introduces students to basic elements, knowledge, skills and situational use of judgment with regards to use force, how to identify and report hazardous materials, and tactical use of firearms during the duty of a public safety officer. Students will be required to complete these lab components at GPSTC facilities

Lecture/Lab Hours: Four hours per week.

PBSF 2130 – Special Operations in Public Safety

Credit: 3 hours

Description: This course is a required component of the new MGA A.S. in Public Safety and MGA Public Safety Certificate Programs. In accordance with federal, state, and local regulations it introduces students to the terminology in specialized areas such as explosives, arson, organized crime, violent crimes, and the tactical operation of emergency vehicles in these situations.

Lecture/Lab Hours: Three hours per week.

PBSV 3001 – Social Context of Public Service Agencies

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 1101, SOCI 1101, PSYC 2103, and MATH 1200

Description: This course is designed to provide students with a comprehensive overview of the theories, practices, and trends current in the helping professions. This will be accomplished through an examination of the specific tasks and purposes evinced by selected social agencies. Each agency's unique function and philosophy will be examined, along with how it fits into the public service network. The course will include some combination of classroom lectures, discussions, field visits, presentations by representatives from the helping professions, and/or other appropriate instructional techniques.

Lecture/Lab Hours: Three hours per week.

PBSV 3010 – Public Service Management

Credit: 3 hours

Prerequisites: At least "C" in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: This is a study of the basic principles of public administration, both in government and in the private, non-profit sector. It includes an examination of ethics in public service.

Lecture/Lab Hours: Three hours per week.

PBSV 3020 – Research Methods

Credit: 3 hours

Prerequisites: At least "C" in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: This course will explore the role of theory in selecting research designs, sampling techniques, measurement, data collection, and basic data analysis in social research. Pragmatic skills in understanding and evaluating empirical reports is emphasized. Ethical issues of human subject research will be explored. Primary source materials will be analyzed by students.

Lecture/Lab Hours: Three hours per week.

PBSV 3040 – Conflict Resolution and Negotiation

Credit: 3 hours

Prerequisites: At least "C" in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: Conflict is universal. This course will address such topics as sources of conflicts, barriers to effective communication, theories of conflict resolution, negotiation theory, cultural contexts in conflict resolution, and mediation processes. Students will also practice listening and communication skills as well as mediation skills.

Lecture/Lab Hours: Three hours per week.

PBSV 4000 – Children in Crisis

Credit: 3 hours

Prerequisites: Completion of PSYC 1101 and 2103 with a grade of "C" or better

Description: The purpose of this course is to investigate the impact of stressors on the lives of preschoolers, children and adolescents. Students will learn to assess familial and societal factors that contribute to and ameliorate risk from a General Family System theoretical perspective. Developmental crises, situational crises and crises of loss will be addressed. Current strategies of prevention and intervention will be explored.

Lecture/Lab Hours: Three hours per week.

PBSV 4030 – Program Funding and Evaluation

Credit: 3 hours

Prerequisites: At least “C” in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: This is a review of program funding and program evaluation as they apply to public service agencies. Topics will include the location and requirements of various funding sources; fundamentals of grantsmanship; the need for program evaluation; a review of appropriate designs, methods, and processes for evaluating program effectiveness; and the proper use of evaluation results to effect change.

Lecture/Lab Hours: Three hours per week.

PBSV 4950 – Senior Project

Credit: 3 hours

Prerequisites: Completion of all PBSV and Human Service required courses with at least a "C" in each

Description: This is a capstone course in which students will undertake a project that is complementary to their research interests and career goals. Students will pursue scholarly endeavors. Students must demonstrate proficiency in relevant software and technology, produce a final written report including documentation of sources in APA format, and make a formal presentation of findings.

Lecture/Lab Hours: Three hours per week.

PBSV 4996 - Internship in Public Service

Credit: 3 hours

Prerequisites: Senior status and completion of all PBSV and major track required courses with a minimum grade of “C” in each

Description: This is a supervised internship experience in a vocationally appropriate setting. Students spend a minimum of fifteen hours per week under supervised conditions in an approved agency or service organization germane to student interest. The course also includes assignments, log keeping, and weekly classroom meetings. Professional liability insurance is required, and appropriate insurance fees apply. In-service students cannot use their agencies/organizations of employment to satisfy the internship experience.

Lecture/Lab Hours: Three hours per week.

PHYS 1011K – Physical Science I

Credit: 4 hours

Prerequisites: Grade of “C” or better in MATH 1101 or higher.

Description: This course is an introductory survey of the principles and concepts of the physical sciences. Topics include mechanics and dynamics, electricity and magnetism, thermal physics and the gas laws, waves and optics, and may include elements of atomic and nuclear physics. Knowledge of Algebra will be required.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

PHYS 1012K – Physical Science II

Credit: 4 hours

Prerequisites: PHYS 1011K

Description: This course is an introductory survey of principles and concepts of physical sciences. Topics will include chemistry, astronomy, meteorology, and geology.

Lecture/Lab Hours: Three hours lecture and two hours lab per week.

PHYS 1111K – Introductory Physics I

Credit: 4 hours

Prerequisites: MATH 1112 or MATH 1113

Co-requisites: PHYS 1111L

Description: This introductory course will include material from mechanics, waves and may include thermodynamics. Knowledge of Algebra and Trigonometry will be required. **Notes:** Students cannot receive graduation credit for both PHYS 1111K and PHYS 2211K or for both PHYS 1112K and PHYS 2212K.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

PHYS 1112K – Introductory Physics II

Credit: 4 hours

Prerequisites: Grade of “C” or better in PHYS 1111K

Co-requisites: PHYS 1112L

Description: This introductory course will include material from electromagnetism, optics, and may include modern physics. **Notes:** Students cannot receive graduation credit for both PHYS 1111K and PHYS 2211K or for both PHYS 1112K and PHYS 2212K.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

PHYS 2211K – Principles of Physics I

Credit: 4 hours

Prerequisites: Grade of “C” or better in MATH 1251

Co-requisites: PHYS 2211L

Description: This introductory course will include material from mechanics, thermodynamics, and waves. Knowledge of elementary differential and integral calculus will be required.

Notes: Students cannot receive graduation credit for both PHYS 1111K and PHYS 2211K or for both PHYS 1112K and PHYS 2212K.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

PHYS 2212K – Principles of Physics II

Credit: 4 hours

Prerequisites: MATH 2252 and a grade of “C” or better in PHYS 2211K

Co-requisites: PHYS 2212L

Description: This introductory course will include material from electromagnetism, optics, and may include modern physics. **Notes:** Students cannot receive graduation credit for both PHYS 1111K and PHYS 2211K or for both PHYS 1112K and PHYS 2212K.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

PHYS 2999 – Special Topics in Physics

Credit: 1 hour

Co-requisites: PHYS 2212K

Description: This is a special topics course in physics or applied physics (earth science, meteorology, astronomy, etc.). Students will conduct a supervised investigation of some relevant topic(s) involving a literature search and/or experimental work or observations. Students will provide a detailed report of results at the end of the course.

Lecture/Lab Hours: One hour seminar per week.

PLA 2000 – Prior Learning Assessment

Credit: 3-5 hours

Prerequisite: Permission of the Instructor. Graded “Satisfactory” or “Unsatisfactory”.

Description: Techniques for the development of documentation for prior learning experiences based on standards and criteria established by academic and subject-matter professionals. Students prepare and submit documentation that provides a clear description of competencies obtained.

POLS 1101 – American Government

Credit: 3 hours

Description: This course is a study of the American political system which includes an examination of the U.S. and Georgia Constitutions. This course grants exemption from the U.S. and Georgia Constitutions examinations as required by the Georgia General Assembly.

Lecture/Lab Hours: Three hours per week.

POLS 1101H – Honors American Government

Credit: 3 hours

Prerequisites: Admission to the Honors Program

Description: This is an in-depth analysis of basic American constitutional principles, stressing the three major branches of the federal government and the Georgia government and the political forces affecting these branches. This course is open only to those students who have been admitted to the Honors Program. It meets state legislative requirements for United States and Georgia Constitutions.

Lecture/Lab Hours: Three hours per week.

POLS 2101 – Introduction to Political Science

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is the study of basic political science concepts and methods.

Lecture/Lab Hours: Three hours per week.

POLS 2201 – State and Local Government

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a study of American state and local government, with emphasis on contemporary problems in Georgia.

Lecture/Lab Hours: Three hours per week.

POLS 2301 – Introduction to Comparative Politics

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a comparative study of the political systems of selected countries and/ or world regions.

Lecture/Lab Hours: Three hours per week.

POLS 2301H – Honors Introduction to Comparative Politics

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H and Admission to the Honors Program

Description: This is an in-depth analysis and comparative study of the political systems of selected countries and/or world regions.

Lecture/Lab Hours: Three hours per week.

POLS 2401 – Introduction to Global Issues

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a survey of the principal historic forces molding the world today, with a focus on the nation-state and international organizations as responsive to these forces.

Lecture/Lab Hours: Three hours per week.

POLS 2501 – Introduction to Domestic Issues

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a survey of current issues in American domestic politics with concentration on one or more of these issues each semester.

Lecture/Lab Hours: Three hours per week.

POLS 2601 – Introduction to Public Administration

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a survey of both traditional and behavioral theories of public administration and their application to American bureaucracies.

Lecture/Lab Hours: Three hours per week.

POLS 2801 – Special Topics in Political Science

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H and permission of instructor

Description: This course provides an introduction to selected topics such as Government and Politics of Developing Nations, Government and Politics of Industrialized Nations, International Politics, Leadership, Conflict Mediation and Resolution, Political Economy, Women in Politics, and Foreign Policy. Topics will vary by semester.

Lecture/Lab Hours: Three hours per week.

POLS 3025 – Administrative Law

Credit: 3 hours

Prerequisites: POLS 1101 OR POLS 1101H

Description: This is a study of the legal powers of American administrative agencies (federal, state, and local) with emphasis on agencies involved in urban policies.

Lecture/Lab Hours: Three hours per week.

POLS 3030 – Introduction to Public Policy

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a study of American policy-making, implementation, and evaluation. Stress will be placed on urban policies.

Lecture/Lab Hours: Three hours per week.

POLS 3035 – Public Finance

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a study of general fiscal and budgetary policies of American governments, with emphasis on the impact of these policies on urban areas.

Lecture/Lab Hours: Three hours per week.

POLS 3040 – Public Personnel Administration

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a study of formal rules and informal practices governing governmental personnel in America.

Lecture/Lab Hours: Three hours per week.

POLS 3045 – Political Behavior

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a survey of theoretical and practical aspects of political behavior.

Lecture/Lab Hours: Three hours per week.

POLS 3050 – American Constitutional Law

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a survey of the principles of the constitution of the United States as these principles have been enunciated in decisions of the Supreme Court of the United States.

Lecture/Lab Hours: Three hours per week.

POLS 3055 – Parties and Elections

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a study of American political parties and elections, with emphasis on urban areas.

Lecture/Lab Hours: Three hours per week.

POLS 3060 – Policy Implementation Topics

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H and permission of instructor

Description: This is an in-depth study of a specific problem or problems in the implementation of urban policy.

Lecture/Lab Hours: Three hours per week.

POLS 3065 – Ethics in Public Service Management

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a study of the principal ethical problems faced by public administrators.

Lecture/Lab Hours: Three hours per week.

POLS 3070 – Urban Politics

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a survey of political parties, interest groups, public opinion, and elections in American urban areas.

Lecture/Lab Hours: Three hours per week.

POLS 3075 – Interest Groups

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: The activities of lobbyist and interest groups in the United States as they relate to the initiation, formulation, enactment, and interest group administration of public policies.

Lecture/Lab Hours: Three hours per week.

POLS 3080 – Urban Issues in State and Local Government

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a survey of the structural and procedural aspects of American state and local governments in relationship to American urban problems.

Lecture/Lab Hours: Three hours per week.

POLS 3085 – Minority Politics

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a study of the impact of race, ethnicity, and gender on the American political system, with emphasis given to African-Americans, Hispanics, and women. The course will examine culture, race, and gender differences with respect to political participation.

Lecture/Lab Hours: Three hours per week

POLS 3101 – Scope and Methods of Political Science

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is the study of the basic political science concepts and methods. The course will examine contemporary directions and processes of the current American and non-American political systems.

Lecture/Lab Hours: Three hours per week.

POLS 3201 – State and Local Government

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a study of the political processes of American state and local government and includes an examination of the nature and scope of non-national governments and their interaction with the United States federal system.

Lecture/Lab Hours: Three hours per week.

POLS 3301 – Urban Government

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a survey of the structure, processes, and problems of American city government with emphasis on medium to large cities.

Lecture/Lab Hours: Three hours per week.

POLS 3320 – Metropolitan Government and Planning

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This is a study of the problems facing metropolitan areas with emphasis on the principal proposed solutions to these problems and discussion of the role of planning in dealing with the problems.

Lecture/Lab Hours: Three hours per week.

POLS 3403 – Metropolitan Government: Special Topics

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H and permission of instructor

Description: This is a study of a particular problem or problems related to the government of metropolitan areas, with special attention to the Macon-Warner Robins area.

Lecture/Lab Hours: Three hours per week.

POLS 3701 – International Relations

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H and permission of instructor

Description: This course addresses key concepts necessary to understanding international politics-political systems, power, security, national interest, interdependence, conflict, cooperation, trust, foreign policy, conflict resolution, and economic interaction.

Lecture/Lab Hours: Three hours per week

POLS 3944 – Environmental Politics and Policy

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: Through a consideration of historical and political factors, this course will examine the development of environmental policy. Utilizing a theoretical framework influenced by the natural and social sciences and the humanities, students will explore how political actors have defined and addressed domestic and international environmental policy issues.

Lecture/Lab Hours: Three hours per week.

POLS 3999 – Advanced Topics in Political Science

Credit: 3 hours

Prerequisites: POLS 1101 or POLS 1101H

Description: This course is an intensive study of a significant topic in political science not otherwise covered in course offerings.

Lecture/Lab Hours: Three hours per week.

PSYC 1001 – Perspectives on the Human Mind

Credit: 4 hours

Description: This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to the human mind. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of the human mind and to gain experience in developing and presenting original arguments in oral forms. This course introduces beginning students to knowledge about the mind as it is understood in the social sciences. Topics will include altered states of consciousness (drugs, sleep, awareness), learning and studying, emotions, language development, the abnormal mind, concepts of morality, and social interaction. Special emphasis will be placed on critical thinking and problem solving functions of the mind. The level of presentations is designed to be within reach of most students.

Lecture/Lab Hours: Four hours per week.

PSYC 1101 – Introduction to Psychology

Credit: 3 hours

Description: Overview of historical background, physiology, principles of learning, motives, emotions, frustrations, conflict, personality theory, psychotherapy, statistics, intelligence, psychopathology, and social psychology.

Lecture/Lab Hours: Three hours per week.

PSYC 1101H – Honors Introduction to General Psychology

Credit: 3 hours

Prerequisites: Admission to the Honors Program

Description: Behavior in humans and the other animals is studied from a scientific perspective. Research findings and clinical reports are explored with regard to their applicability to modern thought and practice. Students are encouraged to analyze behavior critically according to common methods used in psychology. The course is enriched by field trips, classroom discussions, and projects that permit students to apply various psychological concepts to life experience. This course is open only to those students who have been admitted to the Honors Program.

Lecture/Lab Hours: Three hours per week.

PSYC 2101 – Introduction to the Psychology of Adjustment

Credit: 3 hours

Description: Exploration of experiences which enhance students' self-understanding, self-analysis, communication, and self-disclosure through readings, discussions, and multiple group and individual activities.

Lecture/Lab Hours: Three hours per week.

PSYC 2103 – Introduction to Human Development

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 1101 or PSYC 1101H

Description: This course presents information which focuses on human development from conception to death with emphasis on biological, cognitive, emotional, social, and personality issues. Cross-cultural emphasis will be used to compare and contrast developmental changes.

Lecture/Lab Hours: Three hours per week.

PSYC 3001 – Psychological Statistics

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 1101 or 1101H, and MATH 1200

Description: This course provides an introduction to both descriptive and inferential statistics and their application to psychological research. Topics will include graphical representation of data, bi variate data organization and measures of association, contingency table analysis, sampling distributions, correlation and linear regression, t-testing, analysis of variance and chi square testing.

Lecture/Lab Hours: Three hours per week.

PSYC 3002 – Research Methods

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 1101 or 1101H. At least a "C" in PSYC 3001.

Description: This course will explore the major research methods used in Psychology with attention to the applications, strengths and weaknesses of each. Topics covered will include research philosophy, basic experimental design, single-subject and quasi-experimental designs, correlational research, observational and survey research and factorial designs. Ethical issues of human subjects research will be explored. Original research projects will be designed and conducted by students.

Lecture/Lab Hours: Three hours per week.

PSYC 3130 – The Transition to Adolescence

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Education Program of completion of PSYC 2103 with a grade of "C" or better

Description: This course is a thematic approach to the normative developmental achievements and challenges that children face in the transition to adolescence. Major theories, research findings, and educational applications relevant to the adolescent transition will be presented. Topics include brain development, cognition, language, identity, peer and family relations, puberty,

emerging sexuality, emotional development, and autonomy. Individual and group differences in development will be discussed with an emphasis on the special needs child.

Lecture/Lab Hours: Three hours per week.

PSYC 3140 – Adulthood

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 2103

Description: This course examines the major psychological issues that are salient in the later stages of human development, from emerging adulthood to the end of life. Age related patterns and changes that occur in cognitive, behavioral, social and physical domains will be addressed from a life span perspective. Major theories, research findings and educational applications relevant to the phases of young adulthood, middle age, and old age will be explored. Topics include mental and physical health, interpersonal and family relationships; career development and retirement; death, bereavement, and coping with the life long process of aging, among others.

Lecture/Lab Hours: Three hours per week.

PSYC 3150 – Gerontology

Credit: 3 hours

Prerequisites: At least "C" in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: This course covers the scientific study of aging. It examines the biological, psychological, and behavioral changes that occur at individual ages. Students will explore the socio-cultural context in which individuals age. Relevant psychological theory and research findings about aging will receive special emphasis.

Lecture/Lab Hours: Three hours per week.

PSYC 3201 – Cross Cultural Psychology

Credit: 3 hours

Prerequisites: At least a "C" in both PSYC 1101 and PSYC 2103

Description: This course covers similarities and differences among the world regarding psychological principles, concepts and issues. Cross-cultural methodology and limitations are introduced. Socio-cultural variation in social behavior, personality, psychopathology, child development, emotion and cognition will be examined.

Lecture/Lab Hours: Three hours per week.

PSYC 3256 – Social Psychology

Credit: 3 hours

Prerequisites: At least "C" in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: This course is a survey of human social behavior from a psychological perspective. The course will consider such topics as the nature of social psychological research, interpersonal attraction, attitude formation and change, advertising and persuasion, aggression, prosocial behavior, and group dynamics. Lecture and demonstration will be emphasized, but group interaction will be included.

Lecture/Lab Hours: Three hours per week.

PSYC 3260 – Group Dynamics

Credit: 3 hours

Prerequisites: At least "C" in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: This course covers the scientific study of the behavior of individuals in group settings. The course will focus on why people join groups, group structure, leadership, social facilitation, group processes, social identity, prejudice, group think, intergroup conflict, intragroup cohesion, group polarization, and social loafing.

Lecture/Lab Hours: Three hours per week.

PSYC 3265 – Abnormal Psychology

Credit: 3 hours

Prerequisites: At least "C" in PSYC 2103

Description: This is an introduction to maladaptive behavior and psychological disorders as classified by the Diagnostic and Statistical Manual of Mental Disorders. Historical perspectives on the field of mental illness, etiology, application of psychological theory, and research findings will be emphasized.

Lecture/Lab Hours: Three hours per week.

PSYC 3277 – Personality Theory

Credit: 3 hours

Prerequisites: At least “C” in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: This course considers the formation, dynamics, and assessment of personality. Personality will be studied from the five major theoretical perspectives – psychodynamic, trait, cognitive-social learning, humanistic, and biological. Representative theorists from each perspective will be considered in depth. Emphasis is on "normal" personality development and functioning.

Lecture/Lab Hours: Three hours per week.

PSYC 3285 – Industrial/Organizational Behavior

Credit: 3 hours

Prerequisites: At least “C” in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: The course is designed to introduce students to concepts, principles, and theories of behavior in the work setting with topics focusing on personnel selection, job training and evaluation, individual and group dynamics, stress in the workplace, and the work environment.

Lecture/Lab Hours: Three hours per week.

PSYC 3330 – Interviewing

Credit: 3 hours

Prerequisites: At least “C” in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: The purpose of this course to teach interviewing skills. Students will learn the basic elements of good communication, practice good listening skills, and learn to form quality interview questions. A component of the course will be the cultural context of communication. Both theoretical and applied aspects will covered as they relate to work in human service agencies.

Lecture/Lab Hours: Three hours per week.

PSYC 3365 – Theories of Counseling and Psychotherapy

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 3265.

Description: Providing counseling and therapy services is a major role for future mental health and public service professions. This course examines approaches to counseling and psychotherapy and various roles counselors and therapists play in treatment. Topics will include an overview in major theories of counseling and psychotherapy that are commonly used in professional practice, how these approaches attempt to effect change, group therapy, career counseling and therapeutic interventions. Target populations will include adults, children, families, couples and the elderly. Law and ethics in counseling and therapy and nontraditional/alternative methods of therapy will also be addressed. Special topics will include counseling with multicultural and diverse populations.

Lecture/Lab Hours: Three hours per week.

PSYC 3401 – Biopsychology

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 2103.

Description: The relationship between the brain and the behaviors it supports in humans and animals will be explored. The anatomy, physiology, and chemistry of the nervous system are reviewed, and the scientific analysis of the relations of these biological processes to psychological phenomena is presented. Topics will include psychopharmacology, sensory systems, movement, sleep, reproduction ingestion, communication learning and neurological disorders. Most presentations will follow a structure-function approach.

Lecture/Lab Hours: Three hours per week.

PSYC 3411 – Sensation and Perception

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 3401

Description: The major sensory input systems including vision, hearing, olfaction, taste, and touch will be explored from the sensory receptors through pathways to the brain. Psychophysical and other common sensory and perceptual experiences will be discussed. The integration of sensory input to perceptual experiences will be discussed. Evolutionary history and functional adaptations will be explored.

Lecture/Lab Hours: Three hours per week.

PSYC 3421 – Motivation and Emotion

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 2103

Description: This course addresses the causes of human and animal behavior. It includes physiological, cognitive, social, behavioral and personality perspectives on the subject. An effort is made to integrate the widely varying theories and perspectives to assist students in developing an understanding of why the causes of behavior are so complex. Neuroscience, personality, learning, and developmental issues are equally balanced in the course.

Lecture/Lab Hours: Three hours per week.

PSYC 3500 – Child and Adolescent Psychology

Credit: 3 hours

Prerequisites: At least "C" in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: This course will investigate the issues and problems of children and adolescent psychology. The biological, psychological, and behavioral patterns and changes that occur from birth through adolescence will be summarized from a developmental perspective. The network of intervention services for children and adolescents in crisis will also be examined.

Lecture/Lab Hours: Three hours per week.

PSYC 3550 – Laws and Ethics and in Psychology

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 3265

Description: The provision of direct and indirect services is a major role for psychology, counseling and other human service professional. This course examines the professional, legal, and ethical issues related to the professional application of psychology. This course will include an overview of pertinent legal statutes and professional ethical codes and will provide a basic foundation for decision making and problem solving that mental health professionals engage in. Topics will include informed consent, confidentiality, duty to warn/ report, and relationships with clients. Advanced topics will include issues surrounding multi-cultural and diverse populations, special need clients and children.

Lecture/Lab Hours: Three hours per week.

PSYC 3565 – Childhood Psychopathology

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 3265

Description: This course is an examination of the psychological disturbances of childhood and current best therapeutic approaches to treating such disturbances. The course explores the various theories that attempt to explain the causes of these disorders and the various ways these disorders manifest throughout infancy, early childhood, middle childhood and adolescence. The course also highlights what can be done to encourage a return to normality (to the extent that is desired by the child and family) according to current 'best practice' therapeutic guidelines. Major psychopathologies of childhood will be covered, and include Intellectual Disabilities, Autistic Spectrum Disorders, Attachment Disorders, Oppositional Defiance and other behavior disorders, Attention Deficit and Hyperactivity Disorders, Learning Disorders, Anxiety Disorders, Mood Disorders, Personality Disorders, Eating Disorders, Schizophrenia, Substance Abuse, and the impacts of Traumatic Brain Injury, domestic violence and child abuse on childhood developmental outcomes.

Lecture/Lab Hours: Three hours per week.

PSYC 3601 – Cognitive Psychology

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 1101

Description: Topics essential to understanding the mental processes that explain how we acquire, store, retrieve, compare, represent, manipulate and communicate information will be covered. Major theories, methods, and paradigms in cognitive psychology are studied as well as research findings and applications to everyday life. Topics include attention and consciousness, perception, memory, knowledge representation, language, problem solving and creativity, decision making and reasoning, and human and artificial intelligence.

Lecture/Lab Hours: Three hours per week.

PSYC 3611 – Risk and Decision-Making

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 1101 or 1101H.

Description: Cognitive processes underlying the perception of risk, problem solving, judgment, and decision making will be examined. Cognitive, social-cognitive, neuroscience, and developmental perspectives to risk assessment and decision-making will be explored. Topics covered include algorithms, heuristics, biases, quantitative literacy, brain substrates, risky behavior and delinquency, game theory, and behavioral economics.

Lecture/Lab Hours: Three hours per week.

PSYC 3631 – Theories of Learning

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 2103

Description: Familiarizes the student with the general principles of learning and memory by examining various learning theories, memory research, perception, information processing and problem- solving. Cognitive and behavioral approaches to learning will be compared. Application of theories and research findings to leadership and training contexts is emphasized.

Lecture/Lab Hours: Three hour per week.

PSYC 3801 – Psychology of Gender

Credit: 3 hours

Prerequisites: PSYC 1101

Description: This course examines the origin, development, maintenance, and consequences of gender from a psychological science perspective. Topics covered include gender-role attitudes, communication, gender and health, relationships, work roles and achievement. Psychological theories of gender and accompanying methods will also be examined.

Lecture/Lab Hours: Three hours per week.

PSYC 3999 – Special Topics in Psychology

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 1101 and PSYC 2103

Description: This is an intensive study of a significant topic in psychology not otherwise covered in course offerings. Emphasis will be placed on current and emerging topics in the broad field of psychological science. Students may be required to complete field trips, service learning, research, or career-readiness projects as part of this course. The course may be repeated.

Lecture/Lab Hours: Three hours per week.

PSYC 4001 – Experimental Psychology

Credit: 3 hours

Prerequisites: At least a "C" in PSYC 3002

Description: Experimental methods used with human and animal subjects in psychology will be explored. Topics include ethics, the scientific method, measurement, operational definitions, validity, reliability, principles of research designs (experimental, quasi-experimental, observational and survey approaches), treatment and analysis of data, and computer applications. Students will perform research studies of their own, individually and in groups, and present at least one major paper in APA format.

Lecture/Lab Hours: Three hours per week.

PSYC 4030 – Psychological Testing

Credit: 3 hours

Prerequisites: At least "C" in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: This course provides a survey of the nature and application of psychological tests, including the value and limitations of various types of test. Both "objective" and "projective" techniques will be covered, with emphasis on personality, ability, and intelligence testing. Discussion of testing ethics, reliability and validity, specific test uses and misuses, and analysis of test results will be included.

Lecture/Lab Hours: Three hours per week.

PSYC 4298 – Applied Learning

Credit: 3 hours

Prerequisites: At least “C” in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: The major approaches to learning in psychology are discussed, and applications for each in such areas as methods for studying, child rearing, adult learning, gender differences, and language learning are considered. The objective is to give the student a clear understanding of how learning works in humans (with some reference to animal modes) and how those principles might be used to enhance personal learning pursuits.

Lecture/Lab Hours: Three hours per week.

PSYC 4401 – Evolutionary Psychology

Credit: 3 hours

Prerequisites: At least “C” in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: This course examines the mechanisms of the human mind through the lens of evolutionary psychology. It begins with a brief historical view of key theories in psychology and evolutionary biology. We then proceed to substantive topics including problems of survival, long term mating, sexuality, parenting, kinship, cooperation, aggression and warfare, conflict between the sexes, status, prestige, and dominance hierarchies. The course concludes by proposing a unified field that integrates the different branches of psychology.

Lecture/Lab Hours: Three hours per week.

PSYC 4411 (BIOL 4411) – Animal Behavior

Credit: 3 hours

Prerequisites: At least a “C” or better in PSYC 3401 or at least a “C” or better in BIOL 2108

Description: This course addresses the causes of animal behavior considered from evolutionary biological, ecological, and neuroethological perspectives. The course begins by considering animal behavior in the context of evolutionary theory including discussions of natural selection, sexual selection, genetic and epigenetic effects on behavior. The rest of the course includes topics such as mating systems, parental care and kinship, cooperation, feeding behavior, antipredator behavior, aggression, play, communication, and animal personalities.

Lecture/Lab Hours: Three hours per week.

PSYC 4500 – Children, Families, and the Law

Credit: 3 hours

Prerequisites: At least “C” in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: Increasingly, psychological theory and research are being brought into the courtroom and other legal settings where important decisions related to the well-being of children, adolescents, and families are made. This course examines the various intersections of psychological science with the legal system. Topics covered include child eyewitness testimony, parental custody determination, the rights of children in the workplace, educational policy, family privacy issues, and whether adolescents qualify to be tried as adults, among others.

Lecture/Lab Hours: Three hours per week.

PSYC 4550 – Forensic Psychology

Credit: 3 hours

Prerequisites: At least a “C” or better in PSYC 3265

Description: The relationship between criminal behavior and mental illness has become increasingly important in American society. This course examines how psychologists interact with the criminal justice system. Topics include competency and “not guilty by reason of insanity” statutes, evaluation of offenders, treatment options, typologies of crime and offenders, motivating factors, sexual predator/psychopath laws, profiling, and stalking. Special emphasis will be placed on multicultural issues, female offenders, and mentally ill offenders with additional special needs.

Lecture/Lab Hours: Three hours per week.

PSYC 4601 – Psycholinguistics

Credit: 3 hours

Prerequisites: At least “C” in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: This course is meant to introduce students to a broad selection of current issues regarding the relationship among grammar, language processing and cognition. This course will examine cognitive, biological and evolutionary perspectives on various dimensions of linguistic structure. The course presents an introduction to the field of study which blends the disciplines of psychology and linguistics to discover the psychological processes that make it possible for humans to comprehend, produce

and acquire language. This course is designed to explore the applications of psycholinguistics to clinical work.

Lecture/Lab Hours: Three hours per week.

PSYC 4990 – Seminar in Abnormal Psychology

Credit: 3 hours

Prerequisites: At least “C” in PSYC 3265

Description: The purpose of the seminar is to provide the student with experience in applying psychological theory to actual case studies of psychological disorder. Relevant treatment practices will be stressed. The knowledge of ethics of psychological disorders (as outlined in the Diagnostic and Statistical Manual) and a variety of treatment approaches is presumed.

Lecture/Lab Hours: Three hours per week.

READ 099A – Basic Academic Reading

Credit: 3 hours

Description: This course is designed to improve skills in vocabulary, comprehension, and reading rate to meet the demands of successful academic reading at the college level. Satisfactory completion of this course fulfills the first part of the Reading requirement for Learning Support. Offered on the Macon and Warner Robins Campuses only.

Lecture/Lab Hours: Three hours per week.

READ 099B – Advanced Academic Reading

Credit: 3 hours

Prerequisites: A grade of C or better in READ 099A or permission of the instructor

Description: This course continues to improve skills in vocabulary and comprehension to develop strategies for reading in the content areas to meet the demands of successful academic reading at the college level. Satisfactory completion of this course fulfills the second part of the Reading requirement for Learning Support. Offered on the Macon and Warner Robins Campuses only.

Lecture/Lab Hours: Three hours per week.

READ 0099 – Learning Support Reading II

Credit: 4 hours

Prerequisites: None.

Description: Overview of study skills, content area prerequisite skills, and critical thinking skills necessary to more successfully handle college level reading material. To exit, a student must successfully meet satisfy all requirements for the course and meet the exit score requirement on the Compass exam. Offered on the Cochran, Dublin, and Eastman Campuses only.

RESP 1101 – Respiratory Physiology and Assessment

Credit: 3 hours

Prerequisites: Formal acceptance into the program

Description: This is a comprehensive study of general physical and respiratory assessment, cardiopulmonary physiology, arterial blood gas assessment, basic theory of mechanical ventilation related to pulmonary physiology and pulmonary function assessment.

Lecture/Lab Hours: Three hours per week.

RESP 1102 – Respiratory Therapy Procedures and Equipment

Credit: 4 hours

Prerequisites: Formal acceptance into the program

Co-requisites: RESP 1102L

Description: This course covers basic therapeutics and equipment in respiratory care which include: oxygen and gas administration and devices, humidification, aerosol administration, IPPB, CPT, PEP, suction, arterial blood gases, bedside spirometry, oral and nasal airway placement, use of manual resuscitators and incentive spirometry. Proper documentation and infection control practices will be emphasized.

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

RESP 1103 – Respiratory Pathophysiology

Credit: 3 hours

Prerequisites: A "C" or higher in RESP 1101

Description: This is a comprehensive study of the cardiopulmonary disease processes, with emphasis placed on obstructive and restrictive lung diseases and disease management strategies and protocols.

Lecture/Lab Hours: Three hours per week.

RESP 1104 – Clinical Experience I

Credit: 3 hours

Prerequisites: Formal acceptance into the program

Description: This is clinical application of intermediate didactic knowledge and laboratory skills for fundamental floor therapies.

Lecture/Lab Hours: Sixteen hours clinical per week.

RESP 1106 – Pharmacology

Credit: 3 hours

Prerequisites: Formal acceptance into the program.

Description: This is a study of pharmacology with an emphasis on cardiopulmonary drugs. Indications and contradictions are discussed.

Lecture/Lab Hours: Three hours per week.

RESP 1107 – Hemodynamics

Credit: 3 hours

Prerequisites: Formal acceptance in the program

Description: This is a study of electrocardiograms, arterial and multiple lumen catheters, pulmonary function testing, capnography, and their clinical application and interpretation. Major topics include oxygen dioxide transport, acid base balance, blood gas interpretation, dead space, shunt, cardiac output, and oxygen consumption and analysis and quality controls.

Lecture/Lab Hours: Three hours lecture per week.

RESP 2202 – Clinical Experience II

Credit: 3 hours

Prerequisites: RESP 1104

Description: This is clinical application of intermediate didactic knowledge and laboratory skills. It will include patient transport, pulmonary function, electrocardiogram and stress testing.

Lecture/Lab Hours: Sixteen hours of clinical per week.

RESP 2203 - Mechanical Ventilation

Credit: 4 hours

Prerequisites: Formal acceptance into program.

Co-requisite: RESP 2203L

Description: This course covers the techniques of mechanical ventilation (e.g. SIMV, PEEP, CPAP, PS) and airway management (e.g. intubation, suctioning).

Lecture/Lab Hours: Three hours lecture and three hours laboratory per week.

RESP 2204 - Case Studies in Respiratory Care and Ethical Issues

Credit: 3 hours

Prerequisites: Formal acceptance into the program.

Description: This is a study of cardiopulmonary disease entities and related intensive respiratory care procedures including hemodynamics. Situated cognition exploration in lectures and computer simulations will enhance the student's critical thinking skills. Ethical and legal issues of the day are explored as they pertain to respiratory care and critical care medicine.

Lecture/Lab Hours: Three hours lecture.

RESP 2205 – Pediatrics/Neonatology

Credit: 3 hours

Prerequisites: Formal acceptance into the program.

Description: The course provides knowledge necessary for working in a neonatal respiratory intensive care unit. Students will be exposed to topics including fetal development, normal and abnormal deliveries, evaluation of newborn infants, acid-base and electrolyte disturbances, pulmonary disorders, and neonatal respiratory care equipment and supplies.

Lecture/Lab Hours: Three hours per week.

RESP 2206 – Clinical Experience III

Credit: 3 hours

Prerequisites: RESP 2202

Description: This is clinical application of advanced didactic knowledge and laboratory skills. It will include neonatal pediatrics, transport and skilled nursing facilities.

Lecture/Lab Hours: Sixteen hours clinical per week.

RESP 2208 – Ambulatory Care

Credit: 1 hour

Prerequisites: Formal acceptance into the program.

Description: This is a study of respiratory care outside the acute care facility, including cardiopulmonary rehabilitation, home care, physician offices, sub-acute care facilities, and cardiopulmonary testing.

Lecture/Lab Hours: One hour per week.

RESP 2209 – Clinical Experience IV

Credit: 3 hours

Prerequisites: RESP 2206

Description: This is clinical experience in advanced and ambulatory care procedures.

Lecture/Lab Hours: Sixteen hours clinical per week.

RESP 2211 – Independent Study

Credit: 1 - 4 hours

Description: This course is individually designed to allow students to do research in areas of cardiopulmonary care which are of interest and are not covered in the normal content of the program. This course may be repeated.

RESP 2212 – Registry Review

Credit: 1 hour

Description: Patient management problems are presented in a clinical simulation format. Techniques of information gathering, data analysis, and problem solving are included.

Lecture/Lab Hours: One hour per week.

RESP 2215 – Advanced Airway Techniques

Credit: 2 hours

Prerequisites: Formal acceptance into the program.

Description: This course presents theory and clinical application of identifying difficult airways and the techniques needed to open and maintain a compromised airway. Techniques will include bronchoscopy, insertion of LMA's, direct laryngoscopy, and other invasive techniques.

Lecture/Lab Hours: Two hours per week.

RESP 3010 – Advanced Mechanical Ventilation

Credit: 3 hours

Prerequisites: Formal acceptance into the B.S. completion program in Respiratory Therapy

Description:

This course will cover a more in-depth look at the areas of mechanical ventilation, such as current research in the field, new modalities of ventilation, graphics, advanced monitoring, and unconventional methods of providing oxygenation and ventilation.

Lecture/Lab Hours: Three hours per week.

RESP 3020 – Intensive Respiratory Physiology

Credit: 3 hours

Prerequisites: Formal acceptance into the B.S. completion program in Respiratory Therapy

Description: This is an advanced course of study that brings the scientific basis of Respiratory Physiology into the Respiratory Therapists' practice. Students will learn to identify major organ maladies in the patient population and identify appropriate treatment regimens.

Lecture/Lab Hours: Three hours per week.

RESP 3030 – Respiratory Research

Credit: 3 hours

Prerequisites: Formal acceptance into the B.S. completion program in Respiratory Therapy

Description: This is an introduction to qualitative and quantitative research. Descriptive statistical methods are described. Respiratory Care research will be analyzed and the statistical methods of this peer-reviewed research critiqued. **Lecture/Lab Hours:** Three hours per week.

RESP 3040 – Advanced Pediatrics/Neonatology

Credit: 3 hours

Prerequisites: Formal acceptance into the B.S. completion program in Respiratory Therapy

Description: This is a study of advanced pediatrics and neonatology in the intensive care setting. Students increase knowledge in assessment and evaluation, identification and utilization of critical skills, procedures used in the intensive care settings in a general review of perinatal/pediatric respiratory care.

Lecture/Lab Hours: Three hours per week.

RESP 3050 – Advanced Adult Critical Care

Credit: 3 hours

Prerequisites: Formal acceptance into the B.S. completion program in Respiratory Therapy

Description: This is a holistic study of cardiopulmonary diseases. Treatment, monitoring, and patient care options will be explored in the intensive care settings. Advanced therapies and unconventional approaches to critical care medicine will also be explored.

Lecture/Lab Hours: Three hours per week.

RESP 4010 – Case Management and Protocol Evaluation

Prerequisites: Acceptance into the B.S. completion program in Respiratory Therapy

Description: This course explores the latest principles and theories in pulmonary case management preparing the student for coordinating management issues. Interventions and collaboration efforts are explained to move the patient through the continuum of care. The course will explore the interdisciplinary approaches of the financial, legal, and service aspects of this field. Clinical practice guidelines take the learner through the most efficient health care management of the patient.

Lecture/Lab Hours: Three hours per week.

RESP 4020 – Quality Control and Collaborative Care

Prerequisites: Acceptance into the B.S. completion program in Respiratory Therapy

Description: This course teaches a method of evaluation that is composed of structure, process, and outcome evaluations which focus on improvement efforts to identify root causes of problems, intervene to reduce or eliminate these causes, and take steps to correct the process. With its proactive, systems-evaluation approach, CQI recognizes that the majority of problems result from a failure in the process of providing the service, as opposed to being attributable to the providers themselves.

Lecture/Lab Hours: Three hours per week.

RESP 4030 – Polysomnography

Credit: 3 Hours

Prerequisites: Acceptance into the B.S. completion program in Respiratory Therapy

Description: This course is a study of respiratory sleep disorders with emphasis on diagnosis and treatment regimens. Equipment, reimbursement, and alternative therapies will be described and discussed.

Lecture/Lab Hours: Three hours per week.

RESP 4040 – Respiratory Community Health

Credit: 3 Hours

Prerequisites: Acceptance into the B.S. completion program in Respiratory Therapy

Description: This course provides the framework to community care theory and practice and aims to improve the knowledge base and practical skills required by all community workers in pulmonary lung health. This course also gives the student the opportunity to develop, coordinate, and implement community educational endeavors.

Lecture/Lab Hours: Three hours per week.

RESP 4050 – Mentoring and Preceptorship

Credit: 3 hours

Prerequisites: Acceptance into the B.S. completion program in Respiratory Therapy

Description: This course explores topics related to clinical education, preceptorship, patient education, and mentoring in the respiratory field. Emphasis is placed on facilitating adult learning, assessment of the adult learner in the clinical environment, and utilization of varied teaching assessments and approaches at the bedside and in practice.

Lecture/Lab Hours: Three hours per week.

RESP 4060 – Pulmonary Function Technology

Credit: 3 hours

Prerequisites: Acceptance into the B.S. completion program in Respiratory Therapy

Description: This course provides an advanced study of pulmonary function testing, cardiopulmonary stress testing, and use of indirect calorimetry for nutritional assessment in relation to specific disease processes. Clinical pulmonary function testing assessment and interpretation will be presented.

Lecture/Lab Hours: Three hours per week.

RESP 4090 – Independent Study

Credit: 1-4 hours

Prerequisites: Department Chair approval

Description: This course is individually designed under the direction of faculty to allow students opportunities to explore specific areas of interest.

Lecture/Lab Hours: One to four hours per week.

SCIE 2152 – Science, Poetry, and the Imagination

Credit: 3 hours

Prerequisites: ENGL 1102 or ENGL 1102H

Description: This is an interdisciplinary course connecting humanities and natural sciences and mathematics. This course examines the use of metaphor and symbol in understanding poetry and the use of model in understanding scientific theory.

Lecture/Lab Hours: Three hours lecture per week.

SCIE 2998 – Research Methods

Credit: 2 hours

Prerequisites: BIOL 2107K OR CHEM 2211K OR PHYS 1111 OR PHYS 2211K OR GEOL 1125K

Description: This course is a survey of research methodology with an emphasis on the projects' specific hypotheses and aims, methodology, and the analyses of possible outcomes. Discussions will include applications and limitations of current techniques in scientific research.

Lecture/Lab Hours: Two hours lecture per week.

SCIE 3000 – General Science for Elementary Education

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Education Program, ECSE 3410, ECSE 3430, ECSE 3444, and SPED 3110

Co-requisites: ECSE 3530, ECSE 3540, ECSE 3555

Prerequisites or Co-requisites: ECSE 3520 and MATH 3106 or MATH 3110

Description: In this course, students will learn and apply pedagogical knowledge grounded in research-based literature for designing, implementing, and evaluating the scientific principles underlying physical science and life science in order to meet the diverse needs of all P-5 learners. Use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours lecture per week.

SCIE 3001K – General Science for Middle Grades I

Credit: 4 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Education Program

Co-requisites: SCIE 3001L

Description: Students will study and apply foundation concepts and pedagogical knowledge grounded in research-based literature in designing, implementing, and evaluating the scientific principles underlying the types and uses of natural resources from Physical Science, and Earth Science lens in order to meet the diverse needs of learners across Middle grade environments. Use of technology is required. This is the first course in a three-part series of integrated course work aligned with state and national standards. Connections to chemistry, geology, and biology content will be emphasized.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

SCIE 3002K – General Science for Secondary Education

Credit: 4 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Biology Teacher Certification Track

Co-requisites: SCIE 3002L

Description: In this course students will learn and apply pedagogical knowledge grounded in research-based literature in designing, implementing, and evaluating the scientific principles underlying physical science and life science in order to meet the diverse needs of secondary learners. Use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

SCIE 3101K – General Science for Middle Grades II

Credit: 4 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Education program.

Co-requisites: SCIE 3101L

Description: Students will study and apply foundation concepts and pedagogical knowledge grounded in research-based literature in designing, implementing, and evaluating the scientific principles underlying the types and uses of natural resources from a Soil Chemistry, and Earth Science lens in order to meet the diverse needs of learners across Middle grade environments. Use of technology is required. This is the second course in a three-part series of integrated course work aligned with state and national standards. Connections to physics, astronomy, and biology content will be emphasized.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

SCIE 3110 – Scientific Thought and Theory

Credit: 3 hours

Prerequisites: ENGL 1102 or ENGL 1102H

Description: This course examines the development of scientific thought and theory from a historical perspective. This course takes an in-depth look at the evolution of scientific ideas and the formation of scientific theories in the natural sciences.

Lecture/Lab Hours: Three hours lecture per week.

SCIE 3120 – Human Disease and Society

Credit: 3 hours

Prerequisites: ENGL 1102 or ENGL 1102H and BIOL 3540K

Description: This course covers the historical and contemporary impact of disease upon society as well as the influences of society on disease. Genetic, contagious, and environmental diseases will be examined.

Lecture/Lab Hours: Three hours lecture per week.

SCIE 3201K – General Science for Middle Grades III

Credit: 4 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Education program.

Co-requisites: SCIE 3201L

Description: Students will study and apply foundation concepts and pedagogical knowledge grounded in research-based literature in designing, implementing, and evaluating the scientific principles underlying the types and uses of natural resources from a Life Science, and Natural History lens in order to meet the diverse needs of learners across Middle grade environments. Use of technology is required. This is the third course in a three-part series of integrated course work aligned with state and national standards. Connections to physics, astronomy, and geology content will be emphasized.

Lecture/Lab Hours: Three hours lecture and two hours laboratory per week.

SCIE 3301 – Special Topics in Science

Credit: 1 - 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Education program.

Description: In this course students will explore primary literature relating to middle grades science content. The students will be required to apply their content and pedagogical knowledge to design a science fair project based on NSES standards and strategies suited to the middle grades classroom environment.

Lecture/Lab Hours: One to three hours per week.

SCM 3100 – Production Planning & Control I

Credit: 3 hours

Prerequisites: MGMT 3165

Description: This course covers important topics that affect or are related to the intermediate and long term planning and operations' executions of activities in organizations. It includes aggregate planning, inventory management/control, master production scheduling, materials requirements planning, and more. Credit will not be given for both MGMT 4166 and SCM 3100.

Lecture/Lab Hours: Three hours per week.

SCM 3300 – Warehousing and Distribution

Credit: 3 hours

Prerequisites: MGMT 3165

Description: The focus of this course is to achieve sustainability in warehousing and distribution management within the supply chain by identifying and discussing key strategies to allow organizations to compete in both Domestic U.S. and global markets. Topics covered from analytical and practical perspectives include: sustainability in strategic warehousing, warehouse operations, warehouse ownership arrangements, warehouse decisions, and functions of distribution channels, distribution technologies, Domestic U.S. and global distribution strategies.

Lecture/Lab Hours: Three hours per week.

SCM 3314 – Purchasing Management

Credit: 3 hours

Prerequisites: Completion of AMGT 2301 or MGMT 3165 with a grade of "C" or higher.

Description: This course is a study of techniques involved in purchasing management as a business function. Topics include vendor selection, contractor negotiations, contract administration, and supply management principles and practices.

Lecture/Lab Hours: Three hours per week.

SCM 4110 – Global Supply Chain Strategy

Credit: 3 hours

Prerequisites: MGMT 3165

Description: Managing global supply chains is complicated by greater demand, longer distances, more extensive documentation, and greater diversity. This course will introduce students to those unique aspects of global supply chains and discuss current and emerging strategies for effectively managing in those environments.

Lecture/Lab Hours: 3 hours per week.

SCM 4120 – Supply Chain Technology

Credit: 3 hours

Prerequisites: MGMT 3165

Description: This course explores several of the technologies that are available for improving efficient operation of a supply chain. The focus is on helping the student understand the constraints and capabilities of these technologies so they can judge when and where it is appropriate to employ them.

Lecture/Lab Hours: 3 hours per week.

SCM 4130 – Transportation Management

Credit: 3 hours

Prerequisites: MGMT 3165

Description: This course is designed to give an overview of the transportation environment, in both the domestic and global arenas. This includes micro and macro insights into the importance of transportation to both the firm and the economy, and an overview of rail, motor, air, water, and pipeline modes of transport and the governmental regulations associated with each, along with economics of transportation costing and pricing in a free market economy.

Lecture/Lab Hours: 3 hours per week.

SOCI 1101 – Introduction to Sociology

Credit: 3 hours

Description: This is a survey of the discipline of sociology. Topics will include sociological theory, methods, and selected substantive areas. The course uses core concepts to explore the relationship between private experience and social structure. Substantive topics may include the sociological perspective, culture, institutions, socialization, social interaction, deviance, stratification, social change, and global citizenry.

Lecture/Lab Hours: Three hours per week.

SOCI 1101H – Honors Introduction to Sociology

Credit: 3 hours

Prerequisites: Admission to the Honors Program

Description: This is a survey of the discipline of sociology. Various substantive topics will include core sociological theory, methods, concepts and findings in a context that provides an opportunity to do a guided research project. This course employs the sociological perspective to analyze the interplay among social structure, individuals, and groups. This course is open only to students who have been admitted to the Honors Program.

Lecture/Lab Hours: Three hours per week.

SOCI 1160 – Introduction to Social Problems

Credit: 3 hours

Description: This is a theoretical and empirical analysis of selected major social problems confronting American society. Selected topics may include social inequality, crime, drugs, family violence, poverty, the criminal justice system, environmental pollution, resource depletion, illiteracy, war, and health care.

Lecture/Lab Hours: Three hours per week.

SOCI 2293 – Introduction to Marriage and the Family

Credit: 3 hours

Description: This is an introduction to the structure, processes, problems, and adjustments of contemporary marriage and family life. Analyzed from historical, present day, and cross-cultural perspectives, topics may include family law, mate selection, sexuality, stages of family development, divorce, and remarriage. Strong emphasis will be placed on life skills such as communication styles and conflict resolution.

Lecture/Lab Hours: Three hours per week.

SOCI 3150 – Gerontology

Credit: 3 hours

Prerequisites: At least “C” in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: This course covers the scientific study of aging. It examines the biological, psychological, and behavioral changes that occur at individual ages. Students will explore the socio-cultural context in which individuals age. Relevant psychological theory and research findings about aging will receive special emphasis.

Lecture/Lab Hours: Three hours per week.

SOCI 3225 – Social Stratification

Credit: 3 hours

Prerequisites: At least “C” in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: This course delineates a diversity of subcultures in contemporary U.S. society. It includes a theoretical analysis of stratification markers such as ethnicity, race, sex, gender, religion, age, geographical location, and socioeconomic status.

Lecture/Lab Hours: Three hours per week.

SOCI 3250 – Medical Sociology

Credit: 3 hours

Prerequisites: SOCI 1101

Description: Analysis of social factors that influence health and illness and of health care as a social institution. Topics include the cultural construction of health and illness, the sick role, the effects of social inequality on health and illness, health occupations and professions, and the social organization of health care systems of various societies.

Lecture/Lab Hours: Three hours per week

SOCI 3260 – Group Dynamics

Credit: 3 hours

Prerequisites: Admission to the PBSV program

Description: This course covers the scientific study of the behavior of individuals in group settings. The course will focus on why people join groups, group structure, leadership, social facilitation, group processes, social identity, prejudice, group think, intergroup conflict, intragroup cohesion, group polarization, and social loafing.

Lecture/Lab Hours: Three hours per week.

SOCI 3285 – Industrial/Organizational Behavior

Credit: 3 hours

Prerequisites: Admission to the PBSV program

Description: The course is designed to introduce students to concepts, principles, and theories of behavior in the work setting with topics focusing on personnel selection, job training and evaluation, individual and group dynamics, stress in the workplace, and the work environment.

Lecture/Lab Hours: Three hours per week.

SOCI 3510 – Community/Urban Sociology

Credit: 3 hours

Prerequisites: At least “C” in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103, and MATH 1200

Description: The social, economic, and political processes shaping urban areas are examined against the theoretical backdrop of classic urban ecology and contemporary political economy. Topics covered may include methods and theories of community analysis, the origins of cities, suburbanization, urban subcultures, urban problems, city planning, community politics and reform, and global cities.

Lecture/Lab Hours: Three hours per week.

SOCI 4110 – Deviance and Social Control

Credit: 3 hours

Prerequisites: At least “C” in PSYC 1101 or 1101H, SOCI 1101 or 1101H, PSYC 2103 and MATH 1200

Description: This course is a study of deviant behavior from a sociological perspective. The course will focus upon definitions and theories, problems of research, the creation and maintenance of deviant categories, and the development of deviant identities, careers, and subcultures.

Lecture/Lab Hours: Three hours per week.

SOCI 4130 / CRJU 4130 – Gender, Ethnicity and Justice

Credit: 3 hours

Prerequisites: SOCI 1101 and SOCI 1160 with a “C” or higher

Description: This course examines the intersection of gender and ethnicity with regard to criminal offending and victimization. Emphasis will be placed on the application of the criminological theory to explain variations in patterns of crime in relation to gender, ethnicity, race, and class. In addition, the course will examine the policy implications of the current explanations.

Lecture/Lab Hours: Three hours per week.

SOCW 2215 – Introduction to Social Work

Credit: 3 hours

Prerequisites: SOCI 1101 or SOCI 1101H

Description: Study of social welfare as an institution and social work as a profession. It will include a study of various settings which offer welfare services, the development of knowledge, values, and skills relevant to social work and other human services, and an examination of the problems and gaps encountered in service delivery systems. Designed to contribute to the enrichment of general education for all students as well as those in the Social Work Education Program.

Lecture/Lab Hours: Three hours per week.

SOCW 4220 / CRJU 4220 – Family Violence and Abuse

Credit: 3 hours

Prerequisites: SOCI 1101 and SOCI 1160 with a “C” or higher

Description: An examination of the causes, consequences, prevalence of domestic violence and abuse, and law enforcement response.

Lecture/Lab Hours: Three hours lecture per week.

SPAN 1001 – Elementary Spanish I

Credit: 3 hours

Prerequisites: None or permission of the instructor

Description: This is an introductory course in which students will develop basic communication skills in Spanish, including listening, speaking, reading, and writing. Students will also be introduced to Hispanic culture.

Limitations Note: This course can be used to meet CPC requirements or as elective credit for students who have had two years or more of high school level credit in Spanish. Many system institutions will not accept the first elementary course in a foreign language to meet degree requirements.

Lecture/Lab Hours: Three hours per week.

SPAN 1001H – Honors Elementary Spanish I

Credit: 3 hours

Prerequisites: Admission to the Honors Program

Description: This is an introductory course in which students will develop basic communication skills in Spanish, including listening, speaking, reading, and writing. Students will also be introduced to Hispanic culture.

Limitations Note: This course is for the superior student who has been granted admission to the Honors Program. This course may also only count for Institutional Credit for students who used the same language as part of their college preparatory curriculum. Many system institutions will not accept the first elementary course in a foreign language to meet degree requirements.

Lecture/Lab Hours: Three hours per week.

SPAN 1002 – Elementary Spanish II

Credit: 3 hours

Prerequisites: At least a "C" in SPAN 1001/1001H or permission of instructor

Description: This is a continuation of SPAN 1001 in which students will further develop basic communication skills in Spanish, including listening, speaking, reading, and writing, and learn about Hispanic culture.

Lecture/Lab Hours: Three hours per week.

SPAN 1002H – Honors Elementary Spanish II

Credit: 3 hours

Prerequisites: Admission to the Honors Program, at least a "C" in SPAN 1001H, or two years of high school Spanish with a B average or higher

Description: This is a continuation of SPAN 1001/1001H in which students will further develop basic communication skills in Spanish, including listening, speaking, reading, and writing, and learn about Hispanic culture.

Limitations Note: This course is for the superior student who has been granted admission to the Honors Program. This course may also only count for Institutional Credit for student who used the same language as part of their college preparatory curriculum.

Lecture/Lab Hours: Three hours per week.

SPAN 2001 – Intermediate Spanish I

Credit: 3 hours

Prerequisites: At least a "C" in SPAN 1002/1002H or permission of instructor

Description: A continuation of the development of proficiency in the language skills, which include listening, speaking, reading, and writing. Students will be exposed to discussion in Spanish, written compositions, selected literary works, and Hispanic culture.

Lecture/Lab Hours: Three hours per week.

SPAN 2002 – Intermediate Spanish II

Credit: 3 hours

Prerequisites: At least a "C" in SPAN 2001 or permission of instructor

Description: A continuation of SPAN 2001 utilizing language skills in listening, speaking, reading, and writing. Students will further be exposed to discussion in Spanish, written compositions, selected literary works, and Hispanic culture to prepare students for upper level Spanish courses.

Lecture/Lab Hours: Three hours per week.

SPAN 2998 – Intermediate Study Abroad I

Credit: 3 hours

Prerequisites: At least a "C" in SPAN 1002/1002H or permission of instructor

Description: This course covers Spanish study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for one course of intermediate study abroad and can only be taken once.

Lecture/Lab Hours: Three hours per week.

SPAN 2999 – Intermediate Study Abroad II

Credit: 3 hours

Prerequisites: At least a "C" in SPAN 1002/1002H or permission of instructor

Description: This course covers Spanish study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for a second course of intermediate study abroad and can only be taken once.

Lecture/Lab Hours: Three hours per week.

SPAN 3001 – Grammar and Composition

Credit: 3 hours

Prerequisites: At least a "C" in SPAN 2002 or permission of instructor

May be taken concurrently with SPAN 3003

Description: This course provides a study of advanced grammar and writing practice including methods and strategies of summary, description, narration, exposition, and argumentation. This course teaches writing as a process that integrates a variety of elements such as grammar vocabulary, style, content, and organization.

Lecture/Lab Hours: Three hours per week.

SPAN 3002 – Language and Culture

Credit: 3 hours

Prerequisites: At least a "C" in SPAN 3001 or permission of instructor

Description: This course includes reading, understanding, and analyzing communication patterns and paralinguistic aspects of spoken Spanish. Students will also learn about everyday life in Spanish speaking countries through cultural readings that include information about culture and language usage within cultural contexts. Video and multimedia materials will be utilized.

Lecture/Lab Hours: Three hours per week.

SPAN 3003 – Conversation I

Credit: 3 hours

Prerequisites: At least a "C" in SPAN 2002 or permission of instructor

May be taken concurrently with SPAN 3001

Description: This course provides oral and listening comprehension practice using communicative activities such as in-class discussions, oral presentations, reading exercises, and group work. Authentic materials may be incorporated.

Lecture/Lab Hours: Three hours per week.

SPAN 3004 – Introduction to Spanish for Business

Credit: 3 hours

Prerequisites: At least a "C" in SPAN 2002 or permission of instructor

Description: This course will provide students with a solid foundation of vocabulary and discourse related to functional business areas such as organization of a company structure, management, banking, accounting, capital investment, personnel, office systems, production of goods and services, marketing, and finance.

Lecture/Lab Hours: Three hours per week.

SPAN 3006 – Peninsular Spanish Civilization and Culture

Credit: 3 hours

Prerequisites: At least a "C" in SPAN 2002 or permission of instructor

Description: This course studies peninsular Spanish civilization and culture from prehistory to present day by examining the historical, social, political, and artistic aspects of Spain.

Lecture/Lab Hours: Three hours per week.

SPAN 3998 – Advanced Study Abroad I

Credit: 3 hours

Prerequisites: At least a "C" in SPAN 2002 or permission of instructor

Description: This course covers Spanish study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for one course of advanced study abroad and can only be taken once.

Lecture/Lab Hours: Three hours per week.

SPAN 3999 – Advanced Study Abroad II

Credit: 3 hours

Prerequisites: At least a "C" in SPAN 2002 or permission of instructor

Description: This course covers Spanish study abroad on significant topics of cultural interest not otherwise covered in course offerings. Topics vary based on each individual program. This course serves for credit for a second course of advanced study abroad and can only be taken once.

Lecture/Lab Hours: Three hours per week.

SPED 3110 – Introduction to the Exceptional Learner

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track and hold a valid Pre-Service Certificate

Description: In this course students will be introduced to the field of special education and children and youth with exceptional learning needs. Topics include the legal foundation for special education, professional and ethical practices, the referral and placement process, collaboration with families, community, and professionals, characteristics of students with exceptionalities, and various instructional methods. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours per week.

SPED 4110 – Program Planning for Exceptional Learners

Credit: 3 hours

Prerequisites: Formal acceptance into the Bachelor of Science in Early Childhood Special Education track, Pass Check Points 1, 2 & 3 and hold a valid Pre-Service Certificate

Description: In this course, teacher candidates will learn to address the individual needs of P-5 students with exceptionalities. Topics include the IEP process, assessing P-5 student needs, the continuum of placements and services, family systems, professional and ethical practices, instructional planning, and collaboration. The use of technology is required. This course is aligned with state and national standards.

Lecture/Lab Hours: Three hours per week.

SSCI 1003 – Perspectives on Diversity

Credit: 4 hours

Description: This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to diversity. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to various aspects of diversity and to gain experience in developing and presenting original arguments in oral forms. This course is designed to assist students in exploring diversity and multiculturalism in recent times in America. Students will be challenged to engage in critical thinking as they examine their values to determine their degrees of self-acceptance as well as the acceptance of others and to identify and examine diverse cultures. Topics will include ethnocentrism and multiculturalism, inclusion and exclusion in education, politics, religion and the media, intercultural interacting, and an examination of various cultures. Critical thinking will be exercised as students are encouraged to examine myths and stereotypes.

Lecture/Lab Hours: Four hours per week.

SSCI 1004 – Perspectives on American Religious Diversity

Credit: 4 hours

Description: This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to American religious diversity. The course includes an online Critical Thinking and Oral Communication (CTOC) component. The course offers an opportunity for students to apply critical thinking skills to religious diversity and to gain experience in developing and presenting original arguments in oral forms. This course explores the diversity of religious expression in the United States. Using historical and sociological perspectives, discussion will center on America's diverse religious groups, and on religious perspectives in American popular culture. The theme of this course is that religion is influential in America, not only in its institutional expressions (churches, synagogues, mosques, etc.), but also in secular life (film, music, sports, etc.).

Lecture/Lab Hours: Four hours per week.

SSCI 1009 (HUMN 1009) – Perspectives on Global Cultures

Credit: 4 hours

Description: This is an **Area B** course that develops key competencies in critical thinking and oral communication through an introduction to the social transformations of global culture. The course includes an online Critical Thinking and Oral Communication (CTOC) component. Traditional classroom work will explore the topics of global population shifts, changing cultural identities, economic challenges resulting from these changes, and how these topics are depicted in various media. The course offers an opportunity for students to apply critical thinking skills to these global transformations and to gain experience in developing and presenting original arguments in oral forms.

Lecture/Lab Hours: Four hours per week.

SURV 1500 – Elementary Surveying Calculations

Credit: 3 hours

Description: Study of elementary surveying calculations, including traverse computations, area and volume, and a review of algebra and trigonometry for surveyors.

Lecture/Lab: Online course

SURV 1504 – Fluid Mechanics for Surveyors

Credit: 3 hours

Prerequisite: Grade of “C” or better required in SURV 1500 or MATH 1112 or MATH 1113

Description: An introduction to the basic principles of fluid mechanics, with emphasis on hydraulic/hydrologic elements related to land development.

Lecture/Lab: Online course

SURV 1521 – Surveying Graphics

Credit: 3 hours

Description: An introduction to computer-aided design, featuring CAD and CAD based Design Programs, with emphasis on planimetric and structural elements which are typical in surveying graphics applications. Design concepts for survey mapping and civil design will also be introduced.

Lecture/Lab: Online course

SURV 2501 – Plane Surveying

Credit: 3 hours

Prerequisites: Grade of “C” or better required in SURV 1500 or MATH 1112 or MATH 1113

Description: Study of the theory and practice of plane surveying using the traditional methods of surveying, including pacing, taping, and the use of the compass, transit, and level. The proper care and use of surveying instruments will also be studied.

Lecture/Lab: Online course

SURV 2502 – Advanced Surveying

Credit: 3 hours

Prerequisite: Grade of “C” or better in SURV 2501 or Departmental consent.

Description: Study of the principles of field astronomy and route surveying (horizontal and vertical curvature) and advanced surveying methods and calculations.

Lecture/Lab: Online course

SURV 2503 – Surveying Laws

Credit: 3 hours

Prerequisite: Grade of “C” or better in SURV 2501 or departmental consent.

Description: Study of the legal aspects of surveying, including boundary law and the surveyor’s rights and responsibilities, with particular emphasis on surveying practice in Georgia.

Lecture/Lab: Online course

SURV 2504 – Hydrology for Surveyors

Credit: 3 hours

Prerequisite: Grade of “C” or better required in both SURV 1504 and SURV 2501 or Departmental consent.

Description: Introduction to hydrologic analysis and design theory, drainage area studies, and storm sewer and culvert design.

Lecture/Lab: Online course

SURV 2506 – Drainage and Erosion Control

Credit: 3 hours

Prerequisite: Grade of “C” or better in SURV 2504

Description: Principles and practices of drainage design including drainage structures, and erosion and sediment control measures, with particular emphasis on governmental publications and regulations.

Lecture/Lab: Online course

SURV 3516 – Geographic Information Systems

Credit: 4 hours

Prerequisite: SURV 2501 with a grade of “C” or better or Departmental consent

Description: The study of the principles of Geographic Information Systems and GIS problem solving applications, as well as establishing an understanding of GIS software and GIS hardware requirements for spatial data applications.

Lecture/Lab: Online course.

THEA 1010 – Perspectives on Theatre

Credit: 4 hours

Description: This is an Area B course that develops key competencies in critical thinking and oral communication through an introduction to perspectives on theatre. The course includes an online Critical Thinking and Oral Communication (CTOC) component. In addition, traditional classroom work will explore a wide range of topics that define social and political transformations and conflicts as enacted in theatrical narratives. This course additionally offers an opportunity for students to apply critical thinking skills to theatre issues and to gain experience in developing and presenting original arguments in oral forms.

Lecture/Lab Hours: Four hours per week.

THEA 1100 – Theatre Appreciation

Credit: 3 hours

Description: Survey and critical appreciation of theatre, providing the basis for the history of theatre and drama as a fine art.

Lecture/Lab Hours: Three hours per week.

THEA 1110, 1111, 1112, 2210, 2211, 2212 – Play Production

Credit: 1 hour

Description: Opportunity is open to any student by tryout or major work to qualify as a crew member or actor as designated by the director. Note: Course may be repeated for credit.

Lecture/Lab Hours: Two hours per week.

THEA 2201 – Directing Theatre

Credit: 3 hours

Prerequisites: Permission of instructor

Description: Stage directing is designed to introduce a student to the process of selection, research, conception, casting, rehearsing, and staging of a play. This is a lecture-laboratory course designed to give the student theoretical knowledge and practical experience in theatre production and play directing.

Lecture/Lab Hours: Three hours per week.

THEA 2223 – Script Analysis

Credit: 3 hours

Prerequisites: THEA 2201

Description: This course is designed to familiarize students with the basic tools of play analysis through reading, lecture, discussion, and analysis. The student will become familiar with the necessary vocabulary, methods, and skills for analyzing play scripts.

Lecture/Lab Hours: Three hours per week.

THEA 2400 – Beginning Acting

Credit: 3 hours

Description: Introduction to fundamentals of acting techniques. Class lectures, exercises, scene study, and reports, individual and group assignments of various acting techniques and procedures. Each student is required to participate in play production.

Lecture/Lab Hours: Three hours per week.

THEA 2401 – Advanced Acting

Credit: 3 hours

Prerequisites: THEA 2400 or permission of instructor

Description: This course is designed to continue the development of the acting instrument. Students will work on advanced scene work, choosing and preparing monologues, and cold readings of monologues and scenes. In addition, voice and movement capabilities, mind-body coordination, imagination and discipline, expanding tactical ranges, a sense of timing and presentational skills will be developed.

Lecture/Lab Hours: Three hours per week.

THEA 2500 – Stagecraft: Scene Building and Painting

Credit: 3 hours

Description: Introduction to the arts of the theatre with emphasis on planning stage settings. Drafting assignments and laboratory work in technical crews of college productions are required.

Lecture/Lab Hours: Three hours per week.

Personnel

Administration and Staff of the University

Christopher Blake, Ph.D., President

Office of the President

Carey Wimberly, B.B.A., Executive Assistant to the President
Albert Abrams, M.Ed., Chief of Staff
Frances Marine Davis, J.D., University Counsel
Rose Patti, M.S., CPA, CIA, Internal Auditor
Patricia Ross, M.S., Executive Director, Georgia VECTR Center
Pella S. Murphy, M.B.A., Director, Warner Robins Campus
Henry Whitfield, MBA, Director, Cochran and Eastman Campuses
Leigh-Ann Tribble, Ed.S., Director, Dublin Campus
Jan Mimbs, Administrative Assistant, Dublin Campus
Cristina Saldana, CMP, Director, Conference Center
Calabria Turner, Assistant, Conference Center

Division of University Advancement

Raymond E. Carnley, Ed.D., CFRE, Vice President for University Advancement and Executive Director of the Middle Georgia State University Foundation

Development and Alumni Affairs

Wendi Allen, Development Services Analyst
Beth T. Byers, CFRE, Executive Director of Development and Alumni Affairs
Julie Davis, Executive Director of Major and Planned Giving
Brenda M. Hopper, Business Operations Coordinator
Natalie Rischbieter, Director of Alumni Relations
VACANT, Stewardship Coordinator

Division of Academic Affairs

Melanie Hatch, Ph.D., Provost

Office of the Provost

Pamela H. Bedwell, Ed.D., Vice Provost for Academic Initiatives
Andy Clark, M.P.A., Vice Provost for Academic and Institutional Quality
Deepa Arora, Ph.D., Associate Provost for Campus Coordination
Mary Wearn, Ph.D., Assistant Provost for Academic Planning and Policy
Jennifer Jones, Academic Affairs Operations Manager
Devereaux Lindsey, B.A., Coordinator for Academic and Administrative Projects

Office of International Education

Laura Thomason, Ph.D., Interim Director of International Education

Office of Experiential Learning

Chris Tsavatewa, M.P.H., QEP Director

Office of Innovation and Outreach

Art Recesso, Ph.D., Assistant Provost of Innovation and Outreach
Darryl J. Hancock, Ed.D., Director of Instructional Design and Development

Charles K. Smith, Director of Academic Technology Services
Andy Davidson, M.F.A., Director of Instructional Design
Garima Banerjee, Application Developer Lead
Jennifer Barton, Instructional Designer
Amanda Moore, Administrative Assistant and Assistant LMS Administrator

Office of Technology Resources

Roger G. Dixon, B.B.A., Chief Information Officer
Beverly H. Bergman, B.S., Director of Enterprise Information Systems
Tommy Davis, B.B.A., Director of Network Services
Geoffrey Dyer, M.M.I.S., Director of Enterprise Systems Management
Jeffrey Marshall, M.S., Director of IT Services – Macon
Kris Rickerson, B.B.A., Assistant Director of Enterprise Systems Management
Shaun Bohannon, B.S., Assistant Director of IT Services / A.V. Coordinator
Richard Burnam, B.S., Programmer/Analyst
Colby Carr, Technical Support Specialist
Jon Coder, B.S., Technical Support Specialist
Sharron Dupree, A.A.S., Technical Support Specialist
Aaron Hill, M.S., Database Administrator
Derrick Hunter, B.S., Support Coordinator - Eastman
Kelly Jones, B.S., Application Developer III
Misty Kiernan, B.S., Technical Support Specialist
Scotty Kight, Technical Support Specialist
Steven Ligeikis, B.S., Systems Administrator I
Phillip Lux, B.A., Application Developer II
McKay Mercer, B.S., Programmer
Greg Miller, B.S.E., Systems Support Specialist III
Cliff Moncrief, Technical Support Specialist
Joel Morgan, B.B.A., Systems Support Specialist IV
Jim Pund, B.S., Technical Support Specialist
Kenneth Sessions, B.S., Support Coordinator – Warner Robins
Douglas Smalley, B.S., Systems Administrator I
Ronald Stevens, Microcomputer Specialist Diploma, Systems Administrator I
Peter Strosahl, B.S., Technical Support Specialist
Michael Thompson, Network Administrator – Cochran
Eric Toole, B.S., Support Coordinator - Cochran
Tina Ward, Secretary
Kent White, B.S., Technical Support Specialist
Jamie Woods, Technical Support Specialist

Academic Advisors

Sandra Little-Herring, B.S.W., M.S.W., Transfer Specialist Advisor, College of Arts and Sciences Advising Center, Macon Campus
Kimberly Yetter, B.A., M.A., Transfer Specialist Advisor, College of Arts and Sciences Advising Center, Macon Campus
Lori Pekny, B.S., Academic Advisor, College of Arts and Sciences Advising Center, Macon Campus
Deneice Bausley, B.A., Academic Advisor, Coordinator of LS
Robin Parkerson, B.A., M.B.A., Academic Advisor, School of Business
Kaitlin Schindler, B.B.A., Academic Advisor, School of Business
Tia Stephens, B.S., M.A., Academic Advisor, College of Arts and Sciences Advising Center, Macon Campus
Anna Lisa Kelly, B.A., M.A., Academic Advisor, School of Health Sciences
Tricia Purser, B.A., M.P.A., Academic Advisor, School of Information Technology
Matthew Sylvester, B.A., Academic Advisor, School of Education
Tom Bates, B.S., M.B.A., Academic Advisor, Athletics

Student Success Center

Brock Giddens, B.B.A., Director of Student Success Center, Cochran Campus SSC
Jeannie Ruggerio, B.B.A., M.P.A., Student Success Coordinator, Warner Robins Campus SSC

Sandy Callaway, B.S., M.B.A., Student Success Specialist, Warner Robins Campus SSC
G. Paul Johnson, B.A., M. B. A., Student Success Coordinator, Macon Campus SSC
Lana Kempton, B.S., Student Success Specialist, Macon Campus SSC

Library

Patricia Borck, M.S.L.S., University Librarian
Felicia Haywood, M.L.I.S., Assistant Director, Macon Campus
Ann Williams, M.L.I.S., Assistant Director, Cochran Campus
Kathy Adams, M.S.L.S., Assistant Director, Dublin Campus
Robin Grant, Electronic Services Librarian, Macon
Chris Nylund, M.L.I.S., Graduate Studies Librarian and Reference/Instruction Librarian, Macon
April Warren, M.L.I.S., Catalog Librarian, Macon/Cochran
Dana Casper, M.L.I.S., Reference/Instruction Librarian, Macon
Jodi Brown, M.L.I.S., Reference/Instruction Librarian, Warner Robins
Meredith Murray, M.L.I.S., Reference/Instruction Librarian, Cochran
Ben Mullis, M.L.I.S., Reference/Instruction Librarian, Cochran
Bonita Tharpe, Library Assistant, Circulation/Reserves, Macon
Elizabeth Ruff, Library Assistant, Serials/Interlibrary Loan, Macon
Brandi McDonough, Library Business Assistant, Technical Services, Macon
Tammy Coody, Library Business Assistant, Cochran
Linda Smith, Library Assistant, Serials/Interlibrary Loan, Cochran
Valerie Godfrey, Library Assistant, Dublin

Office of the Registrar

Brenda Hogan, M.B.A., Registrar and Veterans' Certification Coordinator
Jed Edge, B.S., Assistant Registrar, Cochran and Veterans' Certifying Official
Yulonda Banks, B.S., Records Retention Specialist
Estella Dennard, B.S., Transfer Evaluation Coordinator
Shirley Plummer, Transfer Evaluation Specialist
Monique Walker, B.A., Graduation Coordinator
Demetrius Smith, M.S., Graduation Coordinator
Cindy Fountain, B.A., VA Certification Specialist, Cochran
Reginald Thompson, B.S., VA Certification Specialist
Daphne Murchison, Customer Service Representative
Carla Johnson, Customer Service Representative, Cochran

Testing Services

Vacant., Director of Testing
Nancy Turknett, B.B.A., Coordinator of Testing

Division of Finance & Operations

Nancy P. Stroud, M.B.A., C.P.A., Executive Vice President for Finance & Operations

Budget & Auxiliary Services

Amanda Funches, M. Acc., **Executive Director, Budgets & Auxiliary Services**
Shane Allen, B.B.A. Senior Budget Analyst
Ashley Evans, Director of Campus Stores
Ashley Warren, B.A., Assistant Director of Campus Stores

Payroll Services

Amanda Register, Payroll Administrator

Bursar's Office

Ana Evans, B.S., Bursar

Office of Finance – Administration & Reporting

Brian Stanley, M.B.A., C.P.A., Executive Director, Finance

Barbara Burns, C.P.P.O., Purchasing Director
Barbara Ratzlaff, M.P.A., Director, Grants and Contracts
Christy Colvin, BA, BBA, Senior Accountant
Pamela Lockerman, B.S., Accounting Manager

Office of Financial Aid

Lee Ann Kirkland, J.D., Director of Financial Aid
Lora Foskey, M.A., Assistant Director of Financial Aid
Gloria Wonnun, M.A., Assistant Director of Financial Aid
Tony Piper, B.B.A., Financial Aid Operations Manager
Starlar Sanford, B.S., Financial Aid Technical Manager

Call Center

Melinda Rodgers, M.Ed., Call Center Manager

Human Resources

Vicky Smith, B.A., Executive Director of Human Resources

Risk Management & Police Services

Shawn Douglas, M.S., Assistant Vice President Risk Management and Police Services
Ron Ardelean, Director of Risk Management
Shane Roland, Lieutenant - Cochran
Stephanie Lampp, A.S., Lieutenant – Eastman

Facilities

David Sims, B.S., Assistant Vice President Facilities
Scott Douglas, M.S., Multi-Campus Plant Operations Director (Macon & Warner Robins)
Tyler Warren, B.S., Interim Multi-Campus Plant Operations Director (Cochran, Dublin, & Eastman)
Jim Bowden, Campus Plant Manager - Dublin
Roy Woods, Campus Plant Manager – Eastman
Christopher Kemp, A.S., Campus Plant Manager - Warner Robins
K.C. Harris, A.S., Assistant Director, Maintenance
Laura Gay, A.S., Director of Plant Administration - Macon
Karin Sandlin, Department Coordinator - Macon
Frederick Hill, A.S., Utilities Specialist
Derrick Catlett, Arborist
Michael Glisson, B.S., Grounds Manager - Macon
James Harden, Macon Grounds Crew Leader
Rhonda Ingram, Help Desk - Cochran
Patricia Smith, A.S., Help Desk - Macon
Alton Woodard, Project Manager

Division of Recruitment and Marketing

Cheryl Carty, Chief Marketing Officer and Vice President for Recruitment & Marketing

Office of Recruitment & Admissions

Margo Woodham, Director of Recruitment & Admissions
Lindsey Britt, Assistant Director of Recruitment & Admissions
Maggie Schuyler, Assistant Director of Recruitment & Admissions
Ryan Tucker, Assistant Director of Recruitment & Admissions
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Geraldine Davis, Customer Service Representative
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Thomasa Negron, Admissions Assistant
Kenneth Rozier, University Recruiter
Wesley Sewell, University Recruiter
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Laura Terrell, Admissions Specialist

Lonel Thompson, University Recruiter
Ashley Turner, Admissions Specialist
Elizabeth Travis, Admissions Specialist
Marina Wilson, University Recruiter

Office of Marketing & Communications

Lee Greenway, Director of Communications
Renee Pearman, Director of Marketing
W. Tyler Horne, Graphic Designer
Carlee Simmons, Web Content Strategist
Sheron Smith, Communications Coordinator

Division of Student Affairs

Jennifer Brannon, Ed.D., Vice President for Student Affairs

Office of Student Affairs

Michael Stewart, Ed.D., Assistant Vice President for Student Affairs
Linda Foskey, A.S., Executive Assistant to the Vice President for Student Affairs
Letitia Langley, Administrative Assistant

Counseling Center

Predita Howard, M.S., Director of Counseling
Ruth Hagemann, M.A., L.P.C., Counselor
Haley Reed, M. Ed., Counselor

Career Services

Melinda Robinson-Moffett, Ph.D., Director of Career Services
Heather McIntosh, M.S., Secretary

Disability Services

Allen Chastain, M.Ed., Director of Disability Services

Health Clinic

Nicole Smith, N.P., Director of Health Services
Autumn Lucas, N.P., Nurse Practitioner
Sarah Darsey, Administrative Secretary

Student Recreation and Athletics

Charles Mullis, M.S.S, Director of Athletics and Recreation
James Hagler, M.S.S, Associate Director of Athletics and Recreation
Harley Miller, M. Ed., Coordinator of Intramurals and Club Sports
Gerry Reeves, B.S., Coordinator of the Wellness Center and Intramural Sports
Kevin Paustenbauch, B.S., Coordinator of the Wellness Center and Intramural Sports
Daniel Mock, B.S., Club Sports Coordinator
Anderson Ligon, M.B.A., Head Women's Basketball Coach
Scott Moe, M. Ed., Head Men's Basketball Coach
Vincent Gill, M.A., Head Women's Soccer Coach
Elvar Gudjonsson, M.S.S. Head Men's Soccer Coach
Ken Phillips, Head Softball Coach
Paul Knight, M.S.S., Head Baseball Coach
Tom Bates, M.B.A, Head Men's and Women's Tennis Coach
Orlando Gonzalez, B.S., Head Volleyball Coach
Gayla Adcock, M.Ed/ATCLAT., Athletic Trainer

Residence Life

Brian Harrell, M.Ed., Director of Residence Life
Thomasia Jefferson, M.Ed., Assistant Director of Residence Life Operations
Keigan Evans, M.P.A. Assistant Director of Residence Life Programming
Cenith Evans, Residence Life Assistant
Dianne Hines, Residence Life Assistant

Student Life Office

Corey Guyton, Ph.D., Director of Student Engagement
Amy Martin, B.A., Coordinator of Student Life
DeAnna Thompson, MBA, Coordinator of Student Life
Christy Faulk, B.S., Coordinator of Student Services
Tanysha Campbell, M.S, Coordinator of Student Life
Lynn Allen, Coordinator of Student Services

New Student Orientation

Leigh Ann Tribble, Ed.S., Director of Orientation and Dublin Campus Liaison

Academic Deans, Chairs, and Staff

Office of Graduate Studies

Kevin Cantwell, Ph.D., Dean of Graduate Studies & Special Assistant to the Provost
Loretta Clayton, Ph.D., Associate Dean of Graduate Studies

College of Arts & Sciences

Ron Williams, Ph.D., Dean and Professor of Chemistry
Eric Sun, Ph.D., Associate Dean and Executive Director of Freshman/Sophomore College
Debra H. Matthews, Ph.D., Associate Dean for Undergraduate Studies and Professor of English
Nancy Tucker, Administrative Secretary
Teresa Lorick, B.B.A., Administrative Secretary

Department of English

Amy Berke, Ph.D., Chair and Professor of English
Christopher Cairney, Ph.D., Assistant Chair and Associate Professor of English
Wanda Green, Administrative Secretary
Cindy Hardy, Administrative Secretary

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Christopher Lawrence, Ph.D., Assistant Chair and Assistant Professor of Political Science
Michelle Klingaman, Administrative Secretary

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Don Brown, Ed.S., Assistant Chair and Associate Professor of Mathematics
Hannah Upperman, M.S., Assistant Chair and Assistant Professor of Mathematics
Catherine Frost, Administrative Secretary
Sheila Viehl, Administrative Secretary

Department of Media, Culture, & the Arts

Robert McTyre, D.M.A., Interim Chair and Associate Professor of Music & Theatre
Sheree' Keith, Ph.D., Interim Assistant Chair and Associate Professor of Speech
Becky Carlisle, Administrative Secretary

Cindy Hardy, Administrative Secretary

Department of Natural Sciences

Dawn Sherry, Ph.D., Chair and Associate Professor of Biology
Donna Balding, Ph.D., Assistant Chair and Associate Professor of Biology
Christie Canady, M.S., Assistant Chair and Associate Professor of Biology
Whitney Rowland, Administrative Secretary
Lita Holloway, Administrative Secretary

Department of Psychology, Sociology, and Criminal Justice

David Biek, Ph.D., Chair and Associate Professor of Psychology
Chadwick Dent, Administrative Secretary

School of Aviation

Adon Clark, M.B.A. Dean and Assistant Professor of Aviation
Ed Steigerwald, M.S., Executive Director for Aviation Operations
April Daniels, Administrative Assistant
Misty Oxford, Professional Advisor

Department of Aviation Maintenance and Structural Technology

Martin Kehayes, Interim Chair

Department of Flight

Adam Holloway, Chair

Department of Aviation Science and Management

Ed Weathersbee, M.Ed., Chair, Aviation Risk Manager and Associate Professor of Aviation

School of Business

Varkey K. Titus, Ph.D., Dean and Professor of Economics
Anthony L. Patti, Ph.D., Associate Dean and Professor of Management
Vanessa Svensson, B.S.BIT, Academic Program Specialist
Robin Parkerson, M.B.A., Academic Advisor
Kaitlin Schindler, B.B.A, Academic Advisor
Vacant, Administrative Secretary

School of Education

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Sumitra Himangshu, Ph.D., Assessment Coordinator
Bobbye J. Wynne, Admissions and Certification Officer
Christine Caesar, Administrative Secretary
Matthew Sylvester, B.S. Ed., Professional Advisor

School of Health Sciences

Rebecca J. Corvey, Ed.D., Dean and Professor of Nursing
Darrell Thompson, D.N.P., Associate Dean and Associate Professor of Nursing
Vacant, Secretary

Department of Nursing

Donna Ingram, DNP, Chair and Assistant Professor of Nursing
Octavia Day, Secretary
Angela Brice, Secretary
Carla Higgs, Secretary
Jamie Loyd, Secretary

Department of Occupational Therapy

Vacant, Chair
Jamie Loyd, Secretary

Department of Health Services

Dorothy Howell, D.H.A., Interim Chair and Assistant Professor of Health Services
Vacant, Secretary

Department of Respiratory Therapy

Teri Miller, M.Ed., Chair and Associate Professor of Respiratory Therapy
Vacant, Secretary

School of Information Technology

Alex Koohang, Ph.D., Dean, Peyton Anderson Endowed Chair, and Professor of Information Technology
Kevin S. Floyd, Ed.D., Program Chair and Associate Professor of Information Technology
Angela Jordan, Administrative Assistant
Cynthia Blunt, M.Ed., Quality Assurance Coordinator
Tricia Purser, B.S., M.P.A., Professional Advisor

Full-Time Faculty

ADAMS-SQUARE, GRACE, Assistant Professor of Political Science; B.A., Indiana University Northwest; M.Ed., University of Toledo; 2011, TT
AGNEW, CHARLIE M., Associate Professor of Art; B.A., Bluefield College; M.F.A., University of Memphis; 2004, 2010
AIKEN, CHARLES F., Assistant Professor of Marketing; B.B.A., M.B.A., Columbus State University; 2003, 2015
AMERSON, RHONDA M., Assistant Professor of Middle Grades Education; M.Ed. Georgia Southern University; Ed.S. Georgia Southern University; Ed.D. Georgia Southern University; 2014
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BEAMAN-HACKLE, VALERIE, Associate Professor of Mathematics; B.S., Kent State University; M.S., University of Tennessee; M.S. Emory University; 1998, 2006
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BELL-CORRALES, MARITZA, Professor of Spanish; B.A., Universidad Pontificia Bolivariana; M.A., University of South Florida; Ph.D. University of Florida; 2007, 2013
BERKE, AMY J., Professor of English; Chair, Department of English; B.A., Valdosta State University; M.A., University of West Florida; Ph.D., Florida State University; 1998, 2005
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BROUWER, GASTON A., Associate Professor of Mathematics; M.S., Technical University Delft; M.S., Ph.D., University of Alabama at Birmingham; 2006, 2012

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KILBURN, RICHARD, Assistant Professor of Mathematics; B.S., Georgia Southern University, M.S., University of Florida, Ph.D., Mercer University; 2015

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