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15800 NW 42ND AVENUE, MIAMI GARDENS, FL 33054



2026-2027 UNDERGRADUATE CATALOG

Birthplace of “Lift Every Voice and Sing”

Catalog 60 Fall 2026

Florida Memorial University is accredited by the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) to award baccalaureate, masters, and educational specialist degrees. Degree-granting institutions also may offer credentials such as certificates and diplomas at approved degree levels. Questions about the accreditation of Florida Memorial University may be directed in writing to the Southern Association of Colleges and Schools Commission on Colleges at 1866 Southern Lane, Decatur, GA 30033-4097, by calling (404) 679-4500, or by using information available on SACSCOC’s website (www.sacscoc.org)

University is also chartered by the State of Florida

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PROGRAM DESCRIPTION

The mission of Florida Memorial University's Aviation & Safety department is to empower students to significantly increase their performance capability to achieve worthwhile purposes in the aviation industry through education.

- Bachelor of Science in Aeronautical Science – Concentration in Flight Education
- Bachelor of Science in Aeronautical Science – Concentration in Air Traffic Control
- Bachelor of Science in Aviation Management
- Minor in Aviation Safety
- Minor in Homeland Security

CAREER OPPORTUNITIES

Air Traffic Controller and Operations Manager

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
COM	103	Intro to Public Speaking	3
CSC	101	Intro to Computers	3
AWS	200	Aviation History	3
FMU	101	University 101	2
ENG	101	College Writing I	3
	XXX	Scientific Inquiry	3
TOTAL - 1st SEMESTER			17
AWS	102	Critical Thinking In Aviation	2
	200	Humanities / Fine Arts	3
MAT	111	College Algebra	3
HIS	103	African Diaspora and the World	3
REA	101	Critical Thinking & Reading	3
TOTAL - 2nd SEMESTER			14

JUNIOR			
AWS	305	VFR Tower Operations	3
BUS	361	Leadership Application	3
AWS	418	Crew Resource Management	3
ENG	309	Advanced Grammar & Composition	3
XXX	XXX	Any Elective	3
TOTAL - 5th SEMESTER			15
AWS	315	ATC Radar Procedures	3
AWS	320	Air Transportation	3
AWS	351	Aviation Legislation	3
AWS	410	Advance Terminal Ops	3
AWS	XXX	Aviation Elective	3
TOTAL - 6th SEMESTER			15

SOPHOMORE			
Prefix	Course No.	Course	Credits
AWS	201	Intro to Aeronautics	3
MAT	111	College Algebra	3
	201	Language Requirement I	3
AWS	232	Air Traffic Control	3
REL	201	Intro to Philosophy	3
TOTAL - 3rd SEMESTER			15
	200	Social / Behavioral Science	3
	202	Language Requirement II	3
AWS	240	Aviation Weather	3
AWS	316	Terminal Operations	3
REL	XXX	Religion & Philosophical Inquiry	3
TOTAL - 4th SEMESTER			15

JUNIOR			
AWS	412	Enroute Operations	3
AWS	420	Flight Safety	3
XXX	XXX	Any Elective	3
XXX	XXX	Any Elective	3
AWS	XXX	Aviation Elective	3
TOTAL - 7th SEMESTER			15
AWS	450	Senior Project	3
AWS XXX		Aviation Elective	3
AWS	XXX	Aviation Elective	3
XXX	XXX	Any Elective	3
XXX	XXX	Any Elective	3
TOTAL - 8th SEMESTER			15

For more information please contact the School of Business & Aeronautical Science at (305) 623-4288 or sbenjami@fmuniv.edu.

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Statement of Disclosure

The information contained in this catalog represents the current requirements, regulations, programs, fees and other charges of Florida Memorial University. Regulations and requirements stated herein, including fees and other charges, are subject to change without notice at the discretion of the Board of Trustees and the President of the University. The University further reserves the right to require a student to withdraw at any time as well as the right to impose probation on any student whose conduct is unsatisfactory. Admission based on false statements or documents will be voided. Credit will not be granted for classes taken under these circumstances. In addition, tuition or fees paid will not be refunded if a student is dismissed or suspended from the University for cause. Any balances owed to the University are considered receivable and will be collected.

Florida Memorial University maintains a system of records which includes application forms, letters of recommendation, admission test scores, and student transcripts. Records are made available upon written request through the Office of the Registrar. Direct access and disclosure to a third party are prohibited by law. Access is given only upon written consent by the student or if required in legal matters. Disclosure of student records to parents is not prohibited if the student is listed as a dependent on the federal income tax form of the parent. A person does not have the right of access to educational records until he or she has been admitted and is attending Florida Memorial University.

Parents of dependent students will be provided a hearing by Florida Memorial University if they wish to challenge the contents of the record. If still not satisfied, the parents of dependent students may add explanatory or rebuttal materials to the record.

Florida Memorial University practices a policy of nondiscrimination in employment and admission. It is a policy of the University to provide equal opportunity to all persons without regard to race, religion, color, national origin, citizenship, age, sex, marital status, disabilities, labor organization membership, political affiliation, height, weight, and record of arrest without conviction.

2026-2027 Academic Calendar

FALL 2026	August 17 - December 12
Event	Dates
MAIN SESSION (16 WEEKS)	
Housing Move-in – New Students	Thursday, August 13, 2026
Housing Move-in – Returning Students	Friday, August 14, 2026 - Saturday, August 15, 2026
New Student Orientation	Friday, August 14, 2026
Classes Begin	Monday, August 17, 2026
Last Day to Add/Drop a Class with No Fee Liability	Monday, August 24, 2026
Labor Day (No Classes)	Monday, September 7, 2026
Fall Convocation	Thursday, September 10, 2026
Mid-Term Exams	Monday-Saturday, October 5 – 10, 2026
Graduation Application for Fall 2026	Monday, October 12, 2026
Mid-Term Grades Posted	Wednesday, October 14, 2026
Early Registration Begins for Spring and Summer 2027	Monday, October 19, 2026
Last Day to Drop with WP/WF Grade	
Homecoming Week	Sunday, October 18 - Saturday, October 24, 2026
Veterans Day (No Classes)	Wednesday, November 11, 2026
Last Day to Withdraw Officially from the Semester/University	Friday, November 13, 2026
Faculty Course Evaluation Period	Monday, November 16 – Saturday, December 5, 2026
Thanksgiving Break (No Classes)	Monday-Saturday, November 23 – 28, 2026
Last Day of Classes	Saturday, December 5, 2026
Finals Week (Required Class Meetings)	Monday-Saturday, December 7 – 12, 2026
Winter Break Move-Out and Check-Out	Saturday - Sunday, December 12 - 13, 2026 by 12 noon
End of Term	Saturday, December 12, 2026
Deadline for Faculty to Submit Grades	Wednesday, December 16, 2026
Grades available to Students	Thursday, December 17, 2026
Degree Conferral Date	Saturday, December 19, 2026
Winter Break	Monday, December 14 – Friday, January 1, 2027

FALL Session A (8 Weeks)	August 17 – October 10
Classes Begin	Monday, August 17, 2026
Last Day to Add/Drop a Class	Monday, August 24, 2026
Labor Day (No Classes)	Monday, September 7, 2026
Last Day to Drop with WP/WF Grade	Monday, September 14, 2026
End of Session A	Saturday, October 10, 2026
Finals Week (Required Class Meetings)	Monday, October 5 – Saturday, October 10, 2026
Deadline for Faculty to Submit Grades	Wednesday, October 14, 2026
Grades available to Students	Thursday, October 15, 2026

FALL Session B (8 Weeks)	October 12– December 12
Classes Begin	Monday, October 12, 2026
Last Day to Add/Drop a Class	Monday, October 19, 2026
Veterans Day (No Classes)	Wednesday, November 11, 2026
Last Day to Drop with WP/WF Grade	Monday, November 2, 2026
Thanksgiving Break (No Classes)	Monday-Saturday, November 23 – 28, 2026
End of Session B	Saturday, December 5, 2026
Finals Week (Required Class Meetings)	Monday-Saturday, December 7 – 12, 2026
Winter Break Move-Out and Check-Out	Saturday – Monday, December 12 – 14, 2026 by 12 pm
Deadline for Faculty to Submit Grades	Wednesday, December 16, 2026
Grades available to Students	Thursday, December 17, 2026

SPRING 2027	January 11 – May 8
MAIN SESSION (16 WEEKS)	
Housing Move-in – New Students	Thursday, January 7, 2027
Spring New Student Orientation	Thursday January 7, 2027
Housing Move-in – Returning Students	Friday, January 8, 2027 - Saturday, January 9, 2027
Classes Begin	Monday, January 11, 2027
Martin Luther King Day (No Classes)	Monday, January 18, 2027
Last Day to Add/Drop a Class with No Fee Liability	Tuesday, January 19, 2027
Lion Fest	February 14 - 20, 2027
Graduation Application for Spring 2027	Monday, February 15, 2027
Mid-Term Exams	Monday-Saturday, March 1 – March 6, 2027
Mid-Term Grades Posted	Wednesday, March 10, 2027
Spring Break (No Classes)	Monday – Saturday, March 8 – 13, 2027
Last Day to Drop with WP/WF Grade	Monday, March 22, 2027
Founders Day	Thursday, March 18, 2027
Early Registration Begins for Spring Fall 2027	Monday, March 15, 2027
Good Friday (No Classes)	Friday, March 26, 2027
Honors and Awards Day	Tuesday, April 6, 2027
Last Day to Withdraw Officially from the Semester/University	Thursday, April 15, 2027
Faculty Course Evaluation Period	Monday, April 19 – Friday, April 23, 2027
Last Day of Classes	Saturday, April 24, 2027
Finals Week (Required Class Meetings)	Monday-Saturday, April 26 – May 1, 2027
Housing Move-Out. Non-Graduating Students	Saturday, May 1, 2027
End of Term	Saturday, May 1, 2027
Deadline for Faculty to Submit Grades	Tuesday, May 4, 2027
Grades available to Students	Wednesday, May 5, 2027
Baccalaureate	Thursday, May 6, 2027
Commencement	Saturday, May 8, 2027
Housing Move-Out. Graduating Students	Sunday, May 9, 2027

SPRING Session A (8 WEEKS)	January 11 – March 6
Classes Begin	Monday, January 11, 2027
Last Day to Add/Drop a Class	Tuesday, January 19, 2027
Martin Luther King Day (No Classes)	Monday, January 18, 2027
Last Day to Drop with WP/WF Grade	Monday, February 8, 2027
End of Session A	Saturday, March 6, 2027
Finals Week (Required Class Meetings)	Monday – Saturday, March 1 – 6, 2027
Deadline for Faculty to Submit Grades	Wednesday, March 10, 2027
Grades available to Students	Thursday, March 11, 2027

SPRING Session B (8 WEEKS)	March 8 – May 7
Classes Begin	Monday, March 8, 2027
Last Day to Add/Drop a Class	Monday, March 22, 2027
Last Day to Drop with WP/WF Grade	Monday, April 12, 2027
End of Session B	Saturday, May 1, 2027
Finals Week (Required Class Meetings)	Monday – Saturday, April 26–May 1, 2027
Deadline for Faculty to Submit Grades	Tuesday, May 4, 2027
Grades available to Students	Wednesday, May 5, 2027
Housing Move-Out. Non-Graduating Students	Saturday, May 1, 2027
Housing Move-Out. Graduating Students	Sunday, May 9, 2027

SUMMER Session A	May 24 – June 26
Classes Begin	Monday, May 24, 2027
Last Day to Add/Drop a Class	Friday, May 28, 2027
Memorial Day (No Classes)	Monday, May 31, 2027
Last Day to Drop with WP/WF Grade	Monday, May 31, 2027
Juneteenth Holiday (No Classes)	Friday, June 18, 2027
End of Session A	Saturday, June 26, 2027
Finals Week (Required Class Meetings)	Monday – Saturday, June 21 – 26, 2027
Deadline for Faculty to Submit Grades	Wednesday, June 30, 2027
Grades available to Students	Thursday, July 1, 2027

SUMMER Session B	June 28 – July 31
Housing Move-in – New Students	Thursday, June 24, 2027
Classes Begin	Monday, June 28, 2027
Last Day to Add/Drop a Class	Friday, July 2, 2027
Independence Day (No Classes)	Monday, July 5, 2027
Last Day to Drop with WP/WF Grade	Monday, July 19, 2027
End of Session B	Saturday, July 31, 2027
Finals Week (Required Class Meetings)	Monday – Saturday, July 26 – 31, 2027
End of Summer Sessions: Housing Check-Out	Saturday, July 31, 2027, by 12 pm
Deadline for Faculty to Submit Grades	Wednesday, August 4, 2027
Grades available to Students	Thursday, August 5, 2027

SUMMER – Graduate Programs Intensive Option	May 24 – June 26
Classes Begin	Monday, May 24, 2027
Last Day to Add/Drop a Class	Friday, May 28, 2027
Memorial Day (No Classes)	Monday, May 31, 2027
Last Day to Drop with WP/WF Grade	Monday, May 31, 2027
Juneteenth Holiday (No Classes)	Friday, June 18, 2027
End of Session	Saturday, June 26, 2027
Finals Week (Required Class Meetings)	Monday – Saturday, June 21 – 26, 2027
Deadline for Faculty to Submit Grades	Wednesday, June 30, 2027
Grades available to Students	Thursday, July 1, 2027

Updated 6/10/2026

Mission and Value Statements

MISSION

The mission of Florida Memorial University is to instill in students the importance of becoming global citizens through life-long learning, leadership, character, and service, which will enhance their lives and the lives of others.

VISION

As South Florida's HBCU (Historically Black College and University), Florida Memorial University will be a premiere urban-serving liberal arts educational institution preparing the next generation of global leaders.

VALUES

- **CHARACTER:**

Embodying the values of fairness, transparency, compassion, respect, integrity, honesty, respect for diversity, and a commitment to equality in everything we undertake.

- **LEADERSHIP:**

Cultivating the drive to initiate and sustain change for the good of our campus, our community, and the world.

- **ACCOUNTABILITY:**

Taking responsibility for our actions, collectively as well as individually, and delivering products and services that are of high caliber and responsive to the needs of our community members.

- **SCHOLARSHIP:**

Promoting excellence in teaching and learning through the identification and retention of quality faculty, staff, and students, who are all engaged in vigorous intellectual exchange as a part of high-quality and competitive educational programs.

- **SERVICE:**

Sharing our academic and human capital as social, educational, and economic resources for the betterment of our campus and our community.

[illegible]

PARKING AREAS

A	PARKING SPACES = 430	E	PARKING SPACES = 95	I	PARKING SPACES = 180
B	PARKING SPACES = 92	F	PARKING SPACES = 49		
C	PARKING SPACES = 11	G	FUTURE PARKING SPACES = 98		
D	PARKING SPACES = 89	H	PARKING SPACES = 182		

 PROPERTY LINE
 WATER LINE
 6' HIGH CHAIN LINK FENCE
 6' HIGH IRON FENCE
 PEDESTRIAN CROSSING
 SIDEWALK
 BUS STOP
 EXISTING FIRE HYDRANT
 EXIST. LANDSCAPE AREA TREE/SHRUBS/HEDGES
 NEW LANDSCAPE AREA TREE/SHRUBS
 (REFER TO ARCHITECTURAL SITE PLAN)



Accreditations

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School of Arts and Sciences

Department of Computer Science, Mathematics, and Technology

- Bachelor of Science in Computer Science is accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org>
- Bachelor of Science in Information Systems is accredited by the Computing Accreditation Commission of ABET, <http://www.abet.org>

School of Business and Aeronautical Science

Department of Business

Florida Memorial University is accredited by the Association of Collegiate Business Schools and Programs (ACBSP) offering the following business degrees:

- Bachelor of Science in Business Administration
- Bachelor of Science in Finance
- Master of Business Administration

School of Education and Social Sciences

Department of Education

The School of Education offers the following undergraduate and graduate teacher preparation programs that are approved by the Florida Department of Education (DOE):

- Bachelor of Science in Elementary Education.
- Master of Science in Reading (K-12)/ESOL.

Department of Social Sciences

- Bachelor of Social Work is accredited by the Council on Social Work Education (CSWE)

Campus Facilities and Resources

The campus is located on a spacious 50-acre site surrounding a quiet lake in Miami Gardens, just north of the Opa-locka Airport. The Palmetto Expressway (SR 826) is close by, offering easy access to I-95, I- 75, and the Florida Turnpike. The campus complex is composed of a cluster of modern air-conditioned buildings. Each building is less than a three- minute walk from the farthest point on campus.

Andrew Anderson and Donald Bacon Center

This one-story complex houses the offices of purchasing, facilities management and administrative services, and the Duplication Center.

Sarah A. Blocker Hall

This two-story building houses the staff of the Center for Academic Resources and Support, faculty of the Department of Humanities, classrooms, and the offices of various support services. There are multiple laboratories: The Mathematics Resource Center, the Academic Skills Laboratory and the Writing Center. The Center for Advisement and Retention and the Testing Center are also located in the facility.

Central Energy Plant

This Facility houses the general maintenance department and a 3,300 sq. ft. air conditioning system of the university.

Nathan W. Collier Library

The Nathan W. Collier Library is located at the center of the Florida Memorial University campus. The library is an attractive two-level structure, with approximately 25,000 square feet of floor space with a reading room on each level, a Group Study Room and two information Commons housing 41 computer terminals. The seating capacity is over 500. The library collection is composed of over 127,000 volumes, e- books, over 50 web-based Full-Text Databases that provide access to thousands of scholarly journals and newspapers and 450 subscriptions to print journals in support of the academic programs. The library utilizes the Millennium Integrated Library System, and it is an associate member of the Southeast Florida Library Information Network (SEFLIN). Through the SEFLIN consortium, students, faculty members and staff share book borrowing with member institutions.

Florida International University/Florida Memorial Cooperative Joint Use Facility

This facility houses the School of Arts and Sciences, and the School of Education, including deans' and faculty offices, as well as technology- enhanced classrooms, laboratories, a 200- seat auditorium, and two conference rooms.

Susie C. Holley Religious Center

The Susie C. Holley Religious Center houses a chapel with seating for 600. The building also includes a classroom for religion and philosophy, and the offices of the Dean of Campus Ministry. James Weldon and Rosamond Johnson Fine Arts Building.

This facility houses the art and music programs, including classrooms, practice rooms for piano, organ, and other instruments, rehearsal rooms for band and choir, an art studio and offices for faculty.

JWRJ Annex

This facility houses the offices of the music faculty, as well as a conference room.

William Lehman Aviation Center

This facility, named in honor of the late Congressman William Lehman, is a three-story building that contains spacious classrooms and laboratories, simulation trainers for the Department of Aviation and Safety, a boardroom, 200-seat auditorium, electronic classrooms, Offices of the Provost, Director for Information Management and Technology, Director of Grants and Sponsored Research, Director of Institutional Research, as well as the School of Business and Aeronautical Science, Departments of Aviation and Safety, and Computer Science, Mathematics, and Technology, faculty offices, and an aviation education resource center.

Royal W. Puryear Administration Building

This facility houses the office of the President and the boardroom, the offices of the Vice-President for Finance and Administration, the Vice- President for Institutional Advancement, and the central telephone switchboard.

M. Athalie Range Science Hall

This two-story building is the home of the Department of Health and Natural Sciences. Laboratories for biology, chemistry, and physics programs are major features of this building. Space is also provided for an electronic classroom, as well as faculty offices, with adjoining laboratories to accommodate research and scientific experiments.

Science Annex

The Science Annex building is located adjacent to the existing M. Athalie Range Science Hall. The Science Annex is connected to the existing building via an open-air connector. The Science Annex is an 8000-square foot, two story structure consisting of a Chemistry Lab, a Biology Lab, a General Lab and an Interactive Lecture Room, Prep/Office Rooms, Conference Room, Electrical and Mechanical Rooms, Storage, Bathrooms and an elevator to serve the new and existing building.

Lou Rawls Center for the Performing Arts

This state-of-the-art facility houses the Matthew W. Gilbert 450-seat auditorium used for dramatic and musical productions, lectures, and assemblies.

Residence Halls

Florida Memorial University offers a variety of fully furnished, comfortable, and affordable on-campus suites. There are six residential halls on our main campus.

- **Ray Goode Hall** – Female. Goode Hall contains individual rooms, recreation and study lounges, laundry room, storage room, and office for the residential life coordinator/resident assistants.
- **Willie C. Robinson Hall** – Male. Robinson Hall contains individual rooms, recreation and study lounges, laundry room, storage room, and office for the residential life coordinator/resident assistants.
- **Living and Learning Communities 1 & 3** (LLC #1 and LLC #3)—These residence halls for males contain suite-style rooms (private and semi- private) with bathrooms and kitchenettes, recreation and game rooms, fitness rooms, media rooms, multifunction reception rooms, study rooms, computer rooms, student lounges, laundry rooms, and rooms for vending machines.
- **Living and Learning Communities 2 & 4** (LLC #2 and LLC #4)—These residence halls for females contain suite-style rooms (private and semi- private) with bathrooms and kitchenettes, recreation and game rooms, fitness rooms, media rooms, multifunction reception rooms, study rooms, computer rooms, student lounges, laundry rooms, and rooms for vending machines. In addition, LLC #2 has a barbershop located on the first floor.

Sams Activity Center

The Sams Activity Center is situated by the campus lake. It contains the bookstore, counseling center, university mailing center, game and entertainment rooms, Student Government Association office, The Office of Student Life, the Sub Shop, meeting and conference rooms, space with and an adjoining lakeside patio for social and cultural activities.

Albert E. and Sadie B. Smith Dining Hall and Conference Center

. The Conference Center and Banquet Hall can accommodate 400 people or with three areas of 133 occupants. The Dining Hall can seat 560 people and has two serving areas.

Earlene and Albert Dotson Center

The offices of Enrollment Management, Admissions, Financial Aid, the University Registrar, Public Affairs, Student Accounts, Duplication Center, Human Resources, Campus Safety, and the Office of the Bursar.

Admissions

Office of Admissions & Recruitment
Florida Memorial University
Earlene and Albert Dotson Student Services Building
15400 NW 42 Avenue
Miami Gardens, FL 33054
Phone: (305) 626-3758
Email: fmoadmissions@fmu.edu

Admissions Procedures and Requirements

To learn specific admission policies, procedures, and requirements for each individual program or college, prospective undergraduate students should review the following catalog guidelines, as well as contact an admissions representative or visit <https://www.fmu.edu/admissions/>

Application Deadlines

Prospective undergraduate students may apply for admission and be accepted to FMU by the following stated deadlines. Students should apply early to ensure their application receives prompt consideration.

Please note the following deadlines:

Term	Application Deadline	Class starts
Fall 2027	Early Decision and Early Action: November 1 st of each year Regular Decision: February 1 st of each year Deposit: May 1 st of each year	Monday, August 17, 2026

Florida Memorial University welcomes applications from all interested and prospective students. Our holistic admission decisions are based on an applicant's academic promise as demonstrated by academic preparation, recommendation letter(s) (if provided), and personal statement (if provided). SAT or ACT scores are recommended but not required, as Florida Memorial University utilizes a test optional admission policy.

Required Documentation

The Office of Admissions & Recruitment reviews applications and makes a determination of admittance or non-admittance. Admissions decisions are made on a rolling basis as applications are completed, and all supporting documents are received.

Factors affecting the enrollment decision include:

- High school unweighted grade point average (GPA), optional Scholastic Aptitude Test (SAT) or American College Test (ACT) scores, previous college performance, recommendations, interviews, student essays, and any other matters deemed relevant.
- Applicants must provide official high school and college transcripts from all previous schools, whether credit was granted. Applicants completing their senior year of high school, and in some cases transfer applicants, may also self-report SAT/ACT scores on their application for admission. The high school transcript may be omitted for students who have at least 24 credits from an accredited institution.
- Applicants who attended foreign institutions must have coursework from the foreign institutions evaluated for U.S. institutional equivalence. For more information, see [“International Students”](#).

On receiving notification of acceptance, students should promptly submit an enrollment deposit.

Freshman Application

In addition to the documents described under the “Required Documentation” section above:

1. Freshman applicants must submit a non-refundable application fee of \$25. The admissions application is available online at <https://futurelion.fmu.edu/>. Florida Memorial University also accepts the Common Application and Common Black College Application.
2. Freshman applicants must submit all final, official transcripts reflecting proof of graduation and completed academic coursework prior to enrollment with final grades earned (e.g., current high-school transcript or GED equivalent).
3. Freshman applicants who opted to submit self-reported test scores for admission must also submit official SAT or ACT scores directly from the testing agency.
4. Conditionally Admitted Students: Applicants who are conditionally admitted must submit final high school transcripts and/or final college transcripts from all institutions attended to be considered for admission.

Transfer Application

Transfer applicants with at least 24 credits must submit official, final college transcripts from all previous schools attended, reflecting final grades earned. If, at the time of application, students have any courses in progress at another institution, a final, official transcript must be submitted.

Florida Memorial University accepts courses earned at other post-secondary institutions, provided that:

- The grade earned for these courses is a “C” or higher.
- The courses represent collegiate coursework relevant to the degree program being pursued at Florida Memorial University.
- The course content, level of instruction, and resulting competencies are equivalent to those of students enrolled at Florida Memorial University; and
- All transcripts are submitted to the University for evaluation prior to the transfer student’s admission to the University.

A maximum of 90 credits total may be transferred to Florida Memorial University. The school’s Dean and the Provost must approve all transfer credits used toward a degree. A minimum of 25% of the credit hours required for a student’s degree must be earned by instruction at Florida Memorial University.

All final, official documents must be submitted by the final day of the drop and add period for the student's first semester at Florida Memorial University.

Transfer Credits from International Institutions

Postsecondary credits earned by international students at colleges and universities which pattern themselves after the British or other non- American education systems must be evaluated following University guidelines.

International Application

International first-year students are admitted on the basis of high school work. International students must meet the requirements of the University as stated in the previous section and comply with the following requirements:

High School Transcripts

An international applicant must have graduated from a high school or secondary school. An official transcript is required.

High School Work

International students who studied in the British educational system should have passed a minimum of five (5) subjects at the ordinary level in the General Certificate Examination or its equivalent, including English and mathematics. If student transcripts are not in English or display a grade point average (GPA), students will also need to submit an official translation of the transcript with GPA Evaluations must be conducted following University guidelines.

SEVIS Reporting, Compliance, and Practical Training

Florida Memorial University is certified under the Student and Exchange Visitor Information System (SEVIS) and authorized by the U.S. Department of Homeland Security to enroll F-1 nonimmigrant students.

International students are required to comply with all SEVIS regulations and University policies. This includes:

- Maintaining full-time enrollment each fall and spring semester (a minimum of 12 credit hours for undergraduates; 9 credit hours for graduate/professional students). Undergraduate students must complete at least 9 credits in face-to-face format; graduate/professional students must complete at least 6 credits in face-to-face format.
- Counting no more than one online or distance education course (3 credit hours) per semester toward the full-time enrollment requirement.
- Keeping immigration documents (passport, visa, and Form I-20) valid and current. Students must request extensions or updates through the Designated School Official (DSO) at least 30 days before expiration.
- Reporting any changes in name, address, program of study, level of education, financial support, or dependent information to the DSO within 10 days.
- Seeking DSO authorization prior to any off-campus employment, internships, practicums, externships, or clinical rotations.
- Working no more than 20 hours per week in on-campus employment while school is in session, as an undergraduate student during fall and spring semesters.

- Notifying the DSO prior to any international travel to obtain a valid travel endorsement signature. Students must have a valid passport, visa, and I-20 with a travel endorsement less 1 year old to be eligible for re-entry; however, re-entry to the United States is never guaranteed.
- Departing the United States within the required federal grace periods: 0 days after completion of a degree program or authorized post-completion OPT, 15 days following a DSO-authorized withdrawal, and no grace period after termination for status violations.

F-1 Student Responsibilities Agreement

Before a SEVIS record is registered, every F-1 student must complete the University's Student Responsibilities Agreement (SRA). This agreement confirms that the student understands the requirements of F-1 status, including full-time enrollment, online course limitations, employment restrictions, reporting obligations, document validity, travel endorsements, and grace periods. Failure to complete the SRA prior to registration will result in removal from coursework, a status violation, and possible SEVIS termination.

Reduced Course Load (RCL)

Any reduction in course load must be authorized in advance by the DSO and is permitted only under limited DHS regulations. Acceptable reasons include: (1) final semester of study, (2) documented medical condition, or (3) academic difficulty as defined by SEVP. Unauthorized drops below full-time enrollment will result in a loss of status.

Online/Distance Education Limits

No more than one online or distance education course (up to 3 credit hours) per semester may count toward the full-time enrollment requirement for F-1 status. Students in their final term must still be enrolled in at least one in-person course.

Transfer and Travel Requirements

Students transferring to another SEVP-certified school or traveling internationally must consult with the DSO for required SEVIS updates and travel endorsements. Failure to obtain timely travel signatures or transfer authorizations may jeopardize F-1 status.

Grace Periods

Students are granted limited grace periods following their studies:

- Up to 60 days after completion of a program of study or post-completion OPT.
- Up to 15 days following a DSO-authorized withdrawal.
- No grace period is provided for students who fail to maintain F-1 status.

Dependents (F-2 Status)

Dependents of F-1 students (spouse or children) must maintain F-2 status. F-2 dependents are not permitted to work in the United States. F-2 spouses may enroll in part-time study, while F-2 children may study full-time in K-12 schools.

Practical Training

- Curricular Practical Training (CPT): Available to eligible students when work experience is an integral part of the curriculum. Authorization from the DSO in SEVIS is required before employment begins. Twelve months of full-time CPT at one degree level eliminates eligibility for Optional Practical Training (OPT) at that same level.
- Optional Practical Training (OPT): Eligible students may apply for up to 12 months of work authorization per higher degree level. Employment must relate directly to the student's major field of study, and both DSO recommendation and USCIS approval (Employment Authorization Document) are required. Students may not exceed 90 days of unemployment during standard post-completion OPT.
- STEM OPT Extension: Students who complete a qualifying degree in a DHS-designated STEM field may apply for a single 24-month extension of post-completion OPT. To qualify, students must have an E-Verify employer, submit a completed Form I-983 Training Plan, and fulfill ongoing SEVIS reporting requirements, including six-month validations and annual self-evaluations. Across post-completion OPT and STEM OPT combined; students may not accrue more than 150 days of unemployment.

STEM OPT Eligibility

F-1 students who receive Science, Technology, Engineering, and Mathematics (STEM) degrees and meet the requirements below may be eligible to apply for a 24-month extension of their Post-Completion Optional Practical Training (OPT).

Eligibility

- Must be in a valid period of Post-Completion OPT.
- Must have earned a bachelor's, master's, or doctorate degree from an accredited, SEVP-certified, U.S. institution of higher education in an approved STEM major.
- Employment must be directly related to your degree.
- The major CIP code must be on the DHS STEM Designated Degree Program List (available through DHS/SEVP).
- Must be a paid job, at least 20 hours per week.
- Students cannot own their own business, work through a staffing agency, or be a contracted worker.
- Employer must be enrolled in E-Verify and have an IRS Employer Identification Number (EIN).
- The student and employer must complete and sign the Form I-983 Training Plan.

Institutional Disclaimer and Federal Authority

Compliance with federal immigration regulations is the responsibility of the student. While Florida Memorial University provides guidance through its Designated School Officials (DSOs), the student bears sole responsibility for maintaining lawful F-1 status. Immigration regulations are subject to change, and the University reserves the right to amend its institutional policies and procedures at any time to ensure compliance with U.S. law. In cases of conflict, regulations and guidance issued by the Department of Homeland Security (DHS), U.S. Citizenship and Immigration Services (USCIS), and the Student and Exchange Visitor Program (SEVP) take precedence. Authorization for employment benefits such as CPT, OPT, and STEM OPT is not guaranteed by the University and remains subject to approval by the appropriate federal agency.

FERPA and SEVIS Data

Students are advised that certain information must be reported to SEVIS under federal law, including enrollment status, changes in personal information, and employment authorizations. This reporting requirement is a federal mandate and supersedes protections ordinarily afforded under the Family Educational Rights and Privacy Act (FERPA).

Failure to comply with SEVIS regulations may result in termination of F-1 status. Students should consult the University's DSO before engaging in employment, internships, transfers, or travel to ensure proper authorization and continued compliance with federal regulations.

Financial Aid

Financial Aid is money in the form of scholarships, grants, federal work-study (part-time on campus employment to be used solely for school-related expenses), and loans awarded to assist students who otherwise would not be able to afford the cost of attending college. Financial Aid is awarded according to an individual's financial need and/or academic excellence.

The Office of Financial Aid is located in the Student Services Building, Suite 150. Its primary objective is to ensure available funds are provided to eligible students in order that they may have access to a Florida Memorial University education

The University expects the family (parents and students) to assume the primary responsibility for financing the cost of attending college. We recognize that most families need assistance.

The amount of help needed is determined by calculating the family's ability to pay. That amount, called the Student Aid Index (SAI), plus other outside funds that may be available to the student, is subtracted from the allowable cost of attendance. The resulting difference is called "Financial Need."

We normally package (or combine), the various forms of financial aid in the following order: scholarships, grants, federal work-study and loans. Some of these funds are limited and students are encouraged to apply early for financial aid.

Apply for FAFSA

Students should complete the Free Application for Federal Student Aid (FAFSA) at studentaid.gov annually. It traditionally becomes available between October and December for aid in the following award year. Florida Memorial University's federal school code is 001486. The earlier students apply, the better chance they have of being considered for the maximum funds available. To apply for Florida grants and scholarships, undergraduate students must provide supporting documentation and complete a scholarship application.

Student Alert

Students are expected to review their school email and other relevant resources regularly to review their financial aid status to ensure that there are no outstanding documents. Students who must submit additional documents will be notified via email. The Financial Aid forms can be found [here](#).

Evaluation and Awarding Process

The Office of Financial Aid will determine the student's allowable educational expenses according to the Student Aid Index (SAI). Florida Memorial University will provide eligible financial aid awards for all or a portion of the demonstrated need in the form of an Award Letter consisting of grants, scholarships, work-study, and loans. Students must accept, decline, or reduce their loans. The financial aid award letter provides

students with instructions on how to accept, decline, or reduce their student loans. Loan awards will not be disbursed until this step has been completed. In addition, if loans are accepted, students must also complete a Direct Loan Master Promissory Note (MPN) and entrance counseling at studentaid.gov for federal student loans. The parent must complete a Direct PLUS Master Promissory Note (if applicable), in addition to any other required documents, for any Parent PLUS loans awarded on the account.

Distribution of Funds

The disbursement date is scheduled for a few weeks after the drop/add period has ended. Based on the information provided on the FAFSA by the student and parents, the Office of Financial Aid at Florida Memorial University will award all funds the student is eligible to receive. FAFSA status must be accepted, and all documentation indicated as required on the students' FSS/ISIR report must be provided to the financial aid office. The student is responsible for completing all requirements for each fund before disbursement can occur.

Satisfactory Academic Progress

POLICY STATEMENT: To be eligible for Title IV aid, a student must maintain Satisfactory Academic Progress (SAP). The SAP policy includes quantitative and qualitative measures reviewed at the end of each semester, including the summer term. Students who are not making SAP are not eligible for Title IV aid unless they are approved for an appeal.

REASON FOR POLICY: This policy ensures compliance with federal regulations regarding financial aid eligibility, setting standards for academic progress that students must meet to remain eligible for Title IV financial assistance.

POLICY SCOPE: This policy applies to all undergraduate and graduate students receiving Title IV financial aid at Florida Memorial University.

PROCEDURES:

1. Evaluation Periods: SAP is reviewed at the end of each fall, spring, and summer semester.
2. Qualitative Measure: Minimum GPA requirements:
 - Undergraduate students: 2.0 cumulative GPA
 - Graduate students: 3.0 cumulative GPA
3. Quantitative Measure:
 - Undergraduate students must complete at least 67% of the attempted credits.
 - Graduate students must complete at least 70% of the attempted credits.
4. Financial Aid Warning and Probation:
 - Students who do not meet SAP for the first time receive a Financial Aid Warning but remain eligible for aid.
 - If SAP is not met after the warning period, students may appeal and be placed on Financial Aid Probation if approved.
5. Appeal Process:

- Students may appeal SAP determinations due to extenuating circumstances such as illness, death in the family, or other hardships.
 - Appeals must be submitted by the priority deadlines: August 1 (Fall), December 20 (Spring), and June 1 (Summer).
 - Required documentation includes an appeal form, a personal statement, and supporting evidence.
6. Academic Success Plan:
- Students on probation must work with an advisor to create a plan for improving academic performance within two semesters.
7. Maximum Timeframe:
- Students must complete their degree within 150% of the standard credit hours required for their program (e.g., 180 credits for a 120-credit degree program).
8. Regaining Eligibility:
- Students may regain financial aid eligibility by meeting SAP standards in subsequent semesters or successfully appealing their status.

FORMS/INSTRUCTIONS:

- Satisfactory Academic Progress Appeal Form
- Academic Success Plan Form

APPENDICES:

- SAP Appeal Documentation Guidelines
- SAP Calculation Chart

DEFINITIONS:

- Title IV Aid: Federal financial aid programs including grants, loans, and work-study.
- SAP: Satisfactory Academic Progress, a federal standard for financial aid eligibility.
- Financial Aid Warning: A one-semester grace period for students who fail SAP but remain eligible for aid.
- Financial Aid Probation: A status granted after a successful SAP appeal, allowing continued aid eligibility under an academic plan.

RESPONSIBILITIES:

Responsible Party List of Responsibilities

- Financial Aid Office Review SAP status, notify students, process appeals
- Registrar's Office Provide academic records for SAP evaluation
- Academic Advisors Assist students in creating an academic success plan
- Students Maintain SAP, file appeals, if necessary, follow academic success plans

Non-Degree Seeking Students

Students who are enrolled as special (non-degree seeking) students are NOT ELIGIBLE for any type of federal or institutional financial aid.

Withdrawals

Distribution of Financial Aid is determined in accordance with student's attendance. Financial Aid awards will be recalculated for students who withdraw from their classes. If a percentage of semester attendance is lower

than 60%, federal aid will be reduced according to the Return of Title IV calculation, which may rest in a bill from Florida Memorial University.

International Students

International students are not eligible for federal or state aid.

Financial Aid Programs

Grants and scholarships generally do not have to be repaid. However, if a student drops or withdraws from any classes for which financial aid has been received, the student may have to return the funds. Grants do not require repayment or work obligation.

Institutional scholarships are also available to help students fund the cost of attending FMU. Generally, scholarships are awarded to students who meet particular criteria for qualification, such as academic achievement, financial need, field of study, talent, or athletic ability. Students must meet all scholarship requirements including any required grade point average (GPA) and must be enrolled as a full-time student (12 or more credits) in degree-applicable coursework by the end of the drop/add period. If scholarship awards exceed tuition charges, the university will reduce the institutional award(s) accordingly.

For more information, students should visit the financial aid website

<https://www.fmu.edu/admissions/financial-aid/types-of-aid/>

External Scholarships

For external scholarships, the University has a policy that outlines the procedures for processing external scholarships, ensuring compliance with financial aid regulations and equitable distribution of funds while preventing over-awards.

POLICY SCOPE: The policy applies to all students receiving external scholarships, third-party donors, and the Office of Financial Aid at Florida Memorial University.

PROCEDURES:

1. Reporting Outside Scholarships:

- Students must provide written notification to ~~notify~~ the Office of Financial Aid when awarded an external scholarship.
- Scholarship checks and award notifications must be submitted to the Financial Aid Office via mail or in person.
- The scholarship coordinator records the scholarship and applies funds to the student's Financial Aid Award Package before transferring funds to the Finance ~~Bursar's~~ Office for processing.

2. Effect on Financial Aid Award:

- Receipt of an external scholarship may necessitate adjustments to a student's financial aid package to prevent over-award situations.
- Reductions, if required, will first apply to loans, followed by federal and state grants.
- Federal Pell Grants will not be reduced.
- Students will be notified of award adjustments via mail and MyFMU portal updates.

3. Additional Information Requests:

- Donors may request an invoice, proof of enrollment, or an official transcript before releasing funds.

- Invoice requests should be directed at Bursar's Office, while enrollment verification and transcripts can be obtained from the Registrar's Office.

4. Payment of Outside Scholarships:

- If a scholarship check is co-payable to the student and the university, the student must endorse the check before disbursement.
- Unless specified otherwise by the donor, funds will be split equally between the fall and spring semesters.
- Scholarship notifications and checks should include:
 - Student's full name
 - Student Identification Number
 - Term for which the award applies (Fall, Spring, Summer, or Academic Year)

5. Mailing Address for Scholarship Payments: Florida Memorial University Office of Financial Aid 15800 NW 42nd Avenue Miami Gardens, FL 33054

6. Confirmation of Scholarship Receipt:

- Due to the volume of checks received, individual confirmations of receipt will not be mailed.
- Students should verify scholarship application through their monthly statement or direct confirmation with the Bursar's Office.

Federal Work Study awards allow students to earn a portion of their educational expenses through part-time employment with eligible on-campus employers. Hours cannot exceed 20 hours per week, and all students must complete an application for FWS employment.

Student Loans, unlike a grant and work-study, are borrowed money that must be repaid with interest. Student loan repayment is a legal obligation. Before deciding to accept a loan, students should determine the amount that needs to be repaid on the loan.

Non-Florida Residents

Additional financial aid may be available to non-Florida residents through their state of permanent residence. Students should contact their appropriate State Department of Education for additional information.

Student Orientation

A collaborative effort between the Divisions of Student Affairs and Academic Affairs is designed to help **freshman** and new/**transfer** students become adjusted and make a successful transition to university life at Florida Memorial University. During the orientation period, students attend a series of workshops, seminars, and social activities where they are presented information about the University's history, support centers, services, facilities, testing, and placement. Students are also presented with University policies and regulations, introductions to University personnel in both formal and informal settings and are assigned as an academic advisor who assists them throughout the year. Registration is also an integral component of the orientation program. The objective of the orientation period is to provide students with information that will help them cope with the independence and responsibility of becoming a university student.

Anti-Hazing Policy

There is zero tolerance for hazing in any initiation practices, whether for new students, social clubs, or Greek-letter organizations. Any act of hazing will result in the loss of organization privileges, including suspension of its operating privileges on campus. Hazing done by a student as an independent act will result in dismissal from the University. Violation of this regulation must be reported to the Vice President for Student Affairs. All cases involving hazing will be reviewed by the Judicial Affairs Committee.

Grievance Procedures for Students

Florida Memorial University has adopted an internal grievance procedure providing for the prompt and equitable resolution of complaints alleging any action prohibited by this anti-hazing policy and/or conduct in violation of Title VI, Title VII, Title IX, Section 504, the Age Discrimination Act, and the Americans with Disability Act. The following university officials have been designated to respond to allegations regarding any such violation: The Vice President for Student Affairs, The Provost and Executive Vice President of Academic Affairs, the Director of Human Resources Management, or the Director of University Counseling Services.

Complaints alleging misconduct as defined in this policy should be reported within 90 days of the alleged offense. Complainants may seek informal or formal resolutions. All complainants must complete a written Discriminatory Harassment Report in the form of a memorandum. The report must include the name of the person or office alleged to have committed the offense, the date(s) or time period of the offenses, specific examples of the offending behavior(s) or actions, and the complainant's contact information.

Complainants are encouraged to explore an informal resolution before filing a formal complaint. An informal resolution focuses on communication and education, while formal procedures focus on investigation and discipline. Informal complaints will be resolved within 15 working days with a written resolution given to each of the parties involved. If the situation results in an impasse, complainants will be given notice of impasse with

15 working days from the filing of the incident. If notice of impasse is given and complainants wish to file a formal written complaint, complainants must do so within 30 working days of the date of impasse notice unless a waiver in filing time is requested.

When a formal complaint is filed, an investigation will be initiated. The person accused of misconduct will be given 10 days to provide a signed response to the official request. A copy will be provided to the complainant. If the alleged person fails to respond, the presumption will be made that the allegation(s) in the complaint are true. A written determination will be issued to the complainant within 60 working days of receipt of the formal written complaint. If the procedure requires an extension of time, the complainant will be informed in writing of the reasons, the status of the investigation, and the probable date of completion.

If complainants dispute the findings or are dissatisfied with the recommendations, complainants may request reconsideration of the case to the president in writing within 45 working days of receipt of the written determination. Complainants also have the right to file with the appropriate state or federal authorities as set forth in the applicable statutes.

Cases that may require disciplinary action will be handled in accordance to the established discipline procedures of the University. Student organizations in violation of this policy may be subject to the loss of university recognition. Complainants shall be protected from unfair retribution. Nothing in this policy statement is intended to infringe on the individual rights, freedom of speech, or academic freedom provided to members of the Florida Memorial community. The scholarly, educational, or artistic content of any written or oral presentation or inquiry shall not be limited by this policy. Accordingly, this provision will be liberally construed but should not be used as a pretext for violation of this policy.

Student Concerns and Complaint Policies

This policy provides a process for students to raise concerns and file complaints when they are dissatisfied with a University service, or policy, or an action by a University employee. The process aims to be constructive and positive in resolving differences and working toward a better community at Florida Memorial University. This policy covers academic and non-academic matters except in areas where other formal policies and procedures take precedence. These other policies include the Grade Appeal Policy, Policy Prohibiting Discrimination and Harassment, Standards of Conduct, and the Honor Code.

General principles

- Whenever possible and in a timely manner, students should raise concerns informally with the faculty member, staff member, or other student involved.
- If the student is unsuccessful with informal resolution, the complaint should be taken to the appropriate division chair, then school dean, or, if necessary, vice president who will handle student complaints as quickly and as fairly as possible.
- As a measure of good faith, students should be prepared to make their identities known when they raise concerns or complaints. Matters raised anonymously will not be addressed formally.

- There will be no adverse effect on or retaliation against a student raising a concern or complaint in good faith or against any person who in good faith provides information regarding a concern or complaint.
- Written complaints will receive written responses within 30 days and will be kept on file.

Procedures

- Academic matters: If a student has a complaint or concern about a course or faculty member, it should be directed first to the appropriate division chair or school dean, then to the provost. If the student has a complaint about an academic policy or its enforcement, it should be addressed to the office of the Provost and Vice President for Academic Affairs.
- Non-academic matters: If a student has a complaint or concern about a non-academic matter, it should be addressed to the Vice President for Student Affairs.

Housing Reasonable Accommodation Policy

FMU is committed to providing equal access to its housing to qualified individuals with disabilities. The Policy is intended to provide a method by which FMU will process requests for disability-based reasonable accommodations to ensure equal access to FMU's housing to qualified persons with disabilities. FMU reserves the right to amend this policy at any time as circumstances require.

This Policy details FMU's commitment to providing equal housing access and sets forth provisions for FMU's compliance with relevant state and federal law including, to the extent applicable, the Fair Housing Act ("FHA"), the American with Disabilities Act of 1990 ("ADA"), the Disabilities Amendments Act of 2008 ("ADAAA"), and Sections 503, 504, and 508 of the Rehabilitation Act of 1973 ("Rehab Act"). This Policy also provides guidance to students about their rights and responsibilities regarding accessibility and reasonable accommodation requests. Accordingly, FMU provides reasonable accommodations to qualified students who have disabilities, where such accommodation would not impose an undue financial and/or administrative burden, fundamentally alter the essential nature of FMU's housing operations, and/or pose a direct threat to the health or safety of others or would cause substantial damage to the property of others, including FMU property. The reasonable accommodation interactive process starts with the formal request for specific accommodation of an existing policy or procedure that is supported with appropriate information and/or documentation, as needed. FMU holds students with disabilities to the same standards of conduct as all students and a disability will not excuse misconduct.

I. Reason for Policy

FMU is committed to providing equal access to its housing to qualified individuals with disabilities. The Policy is intended to provide a method by which FMU will process requests for disability-based reasonable accommodations to ensure equal access to FMU's housing to qualified persons with disabilities. FMU reserves the right to amend this policy at any time as circumstances require.

II. Policy Statement

This Policy details FMU's commitment to providing equal housing access and sets forth provisions for FMU's compliance with relevant state and federal law including, to the extent applicable, the Fair Housing Act ("FHA"), the American with Disabilities Act of 1990 ("ADA"), the Disabilities Amendments Act of 2008 ("ADAAA"), and Sections 503, 504, and 508 of the Rehabilitation Act of 1973 ("Rehab Act"). This Policy also provides guidance to students about their rights and responsibilities regarding accessibility and reasonable accommodation requests. Accordingly, FMU provides reasonable accommodations to qualified students who have disabilities, where such accommodation would not impose an undue financial and/or administrative burden, fundamentally alter the essential nature of FMU's housing operations, and/or pose a direct threat to the health or safety of others or would cause substantial damage to the property of others, including FMU property. The reasonable accommodation interactive process starts with the formal request for a specific accommodation of an existing policy or procedure that is supported with appropriate information and/or documentation, as needed. FMU holds students with disabilities to the same standards of conduct as all students and a disability will not excuse misconduct.

III. Scope

This Policy applies to all enrolled, full-time students who are eligible for campus housing.

IV. Definitions

Term	Definition
Assistance Animal	An assistance animal is an animal that works, provides assistance, or performs tasks for the benefit of a person with a disability, or that provides emotional support that alleviates one or more identified effects of a person's disability. An assistance animal is not a pet. An assistance animal may be a certified service animal, an emotional support animal, or any other animal. Not only dogs, but other animals may qualify as assistance animals.
Disability	A person with a disability means an: (1) individual with a physical or mental impairment that substantially limits one or more major life activities; (2) individual with a record of such impairment; or (3) individual who is regarded as having such an impairment.
Emotional Support Animal (ESA)	An emotional support animal is any animal that provides emotional support alleviating one or more symptoms or effects of a person's disability. Emotional support animals provide companionship, relieve loneliness, and sometimes help with depression, anxiety, and certain phobias, but do not have special training to perform tasks that assist people with disabilities. Emotional support animals are not limited to dogs and can sometimes be called comfort and/or therapy animals.
Major Life Activities	The term "major life activities" includes those activities that are important to daily life. Major life activities include, for example, walking, speaking, hearing, seeing, breathing, working, learning, performing manual tasks, and caring for oneself, as well as the operation of major bodily activities, such as the functions of the immune

	system, special sense organs and skin, digestive, genitourinary, bowel, bladder, neurological, brain, respiratory, circulatory, cardiovascular, endocrine, hemic, lymphatic, musculoskeletal, and reproductive systems.
Reasonable Accommodation	A reasonable accommodation is a change, exception, or adjustment to a rule, policy, practice, or service that may be necessary for a person with disabilities to have an equal opportunity to use and enjoy a dwelling, including public and common use spaces, or to fulfill their program obligations. A requested accommodation may be necessary when there is an identifiable relationship, or nexus, between the requested accommodation and the individual's disability.
Service Animal	A service animal means any dog (in some rare instances, miniature horses) that is individually trained to do work or perform tasks for the benefit of an individual with a disability, including a physical, sensory, psychiatric, intellectual, or other mental disability.
Student	Individual enrolled at FMU

V. Responsibilities

Compliance with FMU's Policy is a shared responsibility between the student and the Housing Department. The student is responsible for initiating the request for accommodation and completing any necessary paperwork. The Housing Department is responsible for evaluating requests for reasonable accommodation. In evaluating a request, the Housing Department will consult the Assistant Vice President of Student Life, as necessary, to determine whether the accommodation requested is medically necessary and reasonable. A student with a disability who resides or intends to reside in FMU housing who believes he/she needs reasonable accommodation must contact the Director and/or Assistant Director of the Housing Department.

A. Procedures

Requests for reasonable accommodation of any FMU housing policy and/or procedure are governed as follows:

1. Any student shall be permitted to request reasonable accommodation of a housing policy, rule, practice, or procedure of FMU. This request may be, but is not required to be, in writing.
2. A student with a disability who qualifies and is applying for FMU housing must contact the Office of Housing and Residence Life to request reasonable housing accommodation. Guidance will be provided so the appropriate information and documentation, as needed, is submitted for consideration of any request for reasonable housing accommodation.
3. FMU will accept and consider requests for reasonable housing accommodation at any time. The student making the request should contact the Office of Housing and Residence Life as soon as practicably possible before applying for and/or moving into FMU housing. Housing availability will be dependent on the inventory present at the time of determined eligibility. FMU housing space is limited.

4. FMU shall limit its requests for information to only the information necessary to verify whether the student making the request has a disability and/or to evaluate if the accommodation requested is reasonable and necessary to provide the student with equal access to FMU housing.
5. Absent exceptional circumstances, within a reasonable amount of time after receiving an accommodation request and supporting documentation, as needed, the Director and/or Assistant Director of the Housing Department will inform the student in writing of the FMU's response and/or decision.
6. The student making the request for accommodation must collaborate with the FMU Housing Department in a timely manner and otherwise participate in an interactive process with FMU regarding his/her request.
7. FMU may deny the request for accommodation if it is unreasonable. An accommodation is unreasonable if it: (1) imposes an undue financial and/or administrative burden; (2) fundamentally alters the essential nature of FMU's housing operations; and/or (3) poses a direct threat to the health or safety of others or would cause substantial damage to the property of others, including FMU property.
8. If FMU determines a requested accommodation is necessary and not unreasonable, FMU will contact the student, in writing, within a reasonable time of its determination to arrange a meeting to discuss implementation of the accommodation.
9. FMU will not retaliate against any student because he/she has requested or received reasonable accommodation in FMU housing.

B. Procedures for Requests Involving Service Animals

In evaluating an accommodation request to be accompanied by an animal service, FMU may ask in substance: (1) if the animal is required because of a disability; and (2) what work or task the animal is trained to perform.

C. Procedures for Requests Involving Assistance or Emotional Support Animals (Not Service)

In evaluating an accommodation request for an assistance and/or emotional support animal that is not a service animal, FMU may request verification from a licensed health care professional with personal knowledge of the student who provides disability-related services to the student that the student has a physical or mental impairment or disability that substantially limits at least one major life activity or major bodily function, and an explanation of the nexus between the disability and the accommodation requested. If the information provided does not reasonably support the accommodation request, FMU will identify the specific additional information needed from the student to meaningfully evaluate the accommodation requested.

VI. Enforcement

Failure to comply with this Policy could result in disciplinary actions up to and including termination and/or sanctions.

The University Policies and Procedures Library is updated regularly. In order to ensure a printed copy of this document is current, please access it online at <http://policies.fmuniv.edu>.

Tuition and Fees/Services Change

COA components are divided as:

- **Direct costs** – Tuition, Fees, Meal, Housing (for on-campus), are charges billed by the university.
- **Indirect costs** – Transportation and Personal expenses are not billed by the university but are expenses that a student can anticipate while attending college.

Budget Components		Undergraduate Students		Graduate Students	
		FALL	SPRING	FALL	SPRING
Direct Costs	Tuition	\$7,137.00	\$7,137.00	\$4,728.00	\$4,728.00
	General Fees	\$2,950.00	\$2,950.00	\$497.00	\$497.00
Indirect Costs	Food & Housing	\$4,652.00	\$4,652.00	\$7,300.00	\$7,300.00
	Supplies	\$600.00	\$600.00	\$800.00	\$800.00
	Personal	\$1,630.00	\$1,630.00	\$1,630.00	\$1,630.00
	Transportation	\$2,420.00	\$2,420.00	\$1,350.00	\$1,350.00
	Loan Fees	\$120.00	\$120.00	\$200.00	\$200.00
		\$19,509.00	\$19,509.00	\$16,505.00	\$16,505.00
		\$39,018.00		\$33,010.00	

**The table above reflects direct costs for full-time students: 12-18 credit hours for undergraduates and six credit hours for graduates. Please note that this is based on average COA. Although each individual student is not charged the line item directly, it will always be factored into the COA budget, based on average population.*

Direct and indirect costs combined create the total COA.

TOTAL COA	Undergraduate Students	Graduate Students
Average Total per semester	\$18,159.00	\$16,505.00
AY: FALL/SPRING	\$39,018.00	\$33,010.00

GENERAL FEE DESCRIPTIONS

(UNDERGRADUATES)

FY 2026-2027

Student Activity Fee

\$350 per semester

The Student Activity Fee entitles students with opportunities to be involved in campus life and experience diversified interactions through programs, activities and organizations with access to wide ranging social, multi-cultural, religious and leadership interests.

Intramural Sports & Campus Recreation Fee

\$125 per semester

The Intramural Sports & Campus Recreation Fee entitles students the opportunity to participate in recreational sports, tournaments and special events throughout the academic year to include flag football, basketball, dodge ball, billiards and many other sports and activities for all experience levels in both competitive and recreational formats.

Student Athletics Fee

\$475 per semester

The Athletics Fee entitles students to attend assigned home games for university sanctioned sports, associated athletic programming, as well as access to the Wellness Center and its various facilities.

Student Campus Safety Fee

\$350 per semester

The Campus Safety Fee is used to support campus-based safety, staffing and security measures.

Student Technology Fee

\$500 per semester

The Technology Fee is used to cover equipment, campus technology infrastructure, and support to operate computer laboratories.

Student Book Fee

\$515 per semester

The Student Book Fee is assessed to all students (freshmen, sophomores, juniors and seniors) for course materials for physical, digital, rental and other types of purchases for required books.

TOTAL UNDERGRADUATE GENERAL FEES

\$2315 PER SEMESTER

Other Fees Charged as Appropriate

New Student Enrollment Fee (non-refundable)

\$200

Laboratory Fee

\$200 per semester

A Laboratory Fee is charged for science/lab materials for select courses.

Graduate Student Fee

\$688 per semester

NOTE: Graduate Student Fees cover campus safety, miscellaneous and technology.

Payment of Tuition and Fees

1. All tuition and fees are due and payable at the time of registration
2. Students who receive financial aid must pay the difference between their financial aid awards and their total charges for the semester before being permitted to attend classes for a given semester.
3. Financial Aid classified as “pending” or “applied for” will not be accepted toward meeting the requirements for registration unless a positive evaluation is given by the Director of Financial Aid or his/her designee.

All charges (tuition, fees, room and board) are due at the time of registration. We accept payments in the form of cash, money order, cashier’s check, certified check, VISA, MasterCard and wire transfer. PERSONAL CHECKS ARE NOT ACCEPTED. An Official Financial Aid Award Letter is accepted as a source of payment. A Tentative

Financial Aid Award Letter is not accepted. Financial Aid sources that are classified as “pending” or “applied for” will not be accepted. Tuition Payment Plans are available to students each semester. Students are required to make monthly payments promptly without notice. Failure to make the required payments as agreed will result in a late fee assessment of \$25 for each late payment. See the Students Accounts Office for details.

Students may choose to pay charges owed for an upcoming semester through a University-approved semester-long installment plan. All inquiries and applications should be made directly to Tuition Management Services (TMS), Tuition Installment Plan, or call toll free 1-800-722-4867. Notification of awards and scholarships from outside sources used to pay a student’s account must be sent directly to the Student Accounts Office from the sponsor. The notice must either accompany the payment or state the manner in which the sponsor is to be billed.

Bursar

Earlene and Albert Dotson Student Services Center

15400 NW 42 Avenue

Miami Gardens, FL 33054

Phone: (305) 626-3758

Email: bursar@fmuniv.edu

When payment is made in cash, the payer must receive a receipt and retain that receipt for future reference as evidence of the cash payment. Students or their representatives should not send cash in the mail or pay cash to any person other than the University’s Cashier. Students should ask for a receipt at the time of payment if one is not given. Personal checks are not accepted.

Special Stipulations

A student is not considered registered until he/she has been cleared financially and his/her registration form has been stamped and signed by the Student Accounts Office. The release of transcripts, diplomas and grades is prohibited if any unpaid balances are owed to the University.

Students are expected to meet their payment obligations promptly and without notice from the Student Accounts Office. It is the student’s personal responsibility to inform his/her parents, guardians, and sponsors of all financial obligations to the University and the due dates for payment. Students must also follow up with the Student Accounts Office on a regular basis to ensure that payments are received and credited to their accounts.

Student Refunds or Adjustment of Tuition, Fees, and Other Charges Tuition refunds are based on the total tuition charges and not on the amount paid. Board charges are refundable on a prorated basis to students who have properly withdrawn. Financial Aid programs which provide awards to students will be refunded in accordance with the formula required by local, state, or federal law. Balances due as a result of the refund are the responsibility of a student who withdraws.

Student accounts with a credit balance will be processed within seven (7) days after the credit occurs on the student's account. Refunds can come in the form of a check, ACH, or on the University debit card. Please note that refunds via ACH or debit card are processed at a faster rate than that of check and the funds are generally available to the student a day earlier than through checks. Refunds processed via check will be available for pickup at the cashier's window. Checks not picked up within three (3) days after processing will be mailed to the student's address on file, so please ensure that your correct address is on file with the Student Accounts department. The student must present a current "Lion's Express" ID card prior to issuance of the check to verify identity.

Outstanding Account Balances

All students with outstanding balances owed to the University MUST make satisfactory payment arrangements (cash, money order, credit card, cashier's check or wire transfer) with the Business Office to cover their full outstanding balances (previous and current) prior to the end of registration. Students with outstanding balances are not permitted to attend classes. Students who fail to comply will have their classes cancelled for non-payment. Fees paid for application, processing charges, mailbox rental, room charges, etc. are not refundable. No portion of a scholarship from Florida Memorial University is refundable.

When a student is assigned to a Florida Memorial University student network account, space is automatically allocated to the student on Florida Memorial University's central server for storage of personal data. A student may withdraw or cancel classes from Florida Memorial University within three (3) working days, pursuant to S.246.D.41 (1) (n) 3.e of the Florida statutes and receive a full refund with the exception of non-refundable charges. All refunds shall be made within thirty (30) days of the date that the University determines that the student has withdrawn. Tuition and general fees shall be refunded in full in any of the following circumstances: (1) courses canceled by the University; (2) involuntary call to active military duty; (3) documented death of the student; (4) exceptional circumstances, with the approval of the President of the University or his/her designee.

Students must submit required official forms in order to withdraw from the university. The student will receive a refund for tuition and general fees, less an administrative fee not to exceed 5% of the term's tuition at the following rates:

Refund Schedule

During the Fall and Spring Semester, if a student withdraws from the University, they may receive a refund of their tuition and fees, based on the following:

- Before the end of the 5th day of classes 100%*
- Between the 6th - 10th day of classes 80%
- Between the 11th - 15th day of classes 60%*
- Between 16th – 20th day of classes 40%

No refunds will be made after the 20th day of classes.

Summer Session

1st - 5th day of classes 100%*

No refund will be made after the 5th day of summer classes

*Less administrative cost

Fees and room charges are not refundable. Board is prorated based on date of withdrawal. If a credit balance exists from overpayment or at the time of withdrawal, a refund for the balance will be processed within 30 days of the date that the University determines the student has withdrawn. Refund checks are distributed at the Bursar's Office.

ACADEMIC AFFAIRS

In partnership with university and community colleagues, the Office of Academic Affairs provides services and leadership to foster an outstanding and progressive culture of teaching and learning; scholarship and creative work; and engagement in the local and global society. The academic programs at Florida Memorial University are administered by the Office of the Provost. FMU's academic programs are designed to broaden the intellectual experiences and abilities of students and, at the same time, recognize and provide for intellectual diversity as interests and goals are satisfied. The Office of Academic Affairs consists of the following academic schools and support units:

School of Arts and Sciences

- Department of Computer Science, Mathematics, & Technology
- Department of Health and Natural Sciences
- Department of Humanities

School of Business and Aeronautical Science

- Department of Business
- Department of Aviation and Safety
- Center for Entrepreneurship

School of Education and Social Sciences

- Department of Education
- Department of Social Sciences

Academic Services

- Center for Teaching and Learning
- Career Center

Honors Program

University Library and Services

University Registrar

Office of International Affairs

Office of Research, Grants and Innovation

Office of Continuing Education and Professional Studies

Freshmen Studies Program

Mission & Purpose

The Department of Freshman Studies and Student Success serves as the academic and transitional home for all first-year students. Its mission is to:

- Support academic success and retention
- Develop critical thinking, communication, and study skills
- Foster belonging, identity development, and leadership
- Introduce students to university expectations and career pathways

The Department is dedicated to overseeing, coordinating, and delivering all freshman-level gateway courses, freshman advising, freshman support, and student success initiatives.

The Department of Freshman Studies and Student Success comprises the following:

Center for Academic Resources and Support (CARS)

The Center for Academic Resources and Support (CARS) within the Academic Services Unit is dedicated to guiding and empowering students throughout their academic and career journeys. The mission is to deliver comprehensive advising services that foster students' academic success, personal growth, and career development. We believe in the power of personalized support, providing individualized guidance, resources, and opportunities to equip students with the skills they need to thrive.

CARS serves as the initial point of academic entry for all first-year students, including transfer students who have earned less than 30 credit hours. CARS provides the following:

- Academic advisement for students during their tenure as freshmen.
- Comprehensive support for student success.
- Shares in orienting new students to the university.
- Directs students the university institutional resources such as the supplemental instructions and tutoring services.
- Oversees and monitors the academic progress of students.

Academic Support Services

Academic Support Services offers a range of comprehensive academic support services designed to assist students in achieving their educational goals. These services are tailored to provide personalized guidance, resources, and learning opportunities across various subjects.

Writing Lab: The Writing Lab is dedicated to enhancing students' writing skills across all subjects. Whether it's crafting persuasive essays, research papers, or lab reports, our experienced writing tutors are available to provide individualized assistance. They offer guidance on grammar, structure, citation styles, and overall writing proficiency, empowering students to communicate effectively and express their ideas with clarity and precision.

Math Lab: The Math Lab is a valuable resource for students seeking help with mathematical concepts, problem-solving techniques, and quantitative reasoning. Our math tutors provide one-on-one or group sessions to address individual needs and support students in understanding and mastering mathematical principles. From basic arithmetic to advanced calculus, the Math Lab aims to build students' confidence and competence in mathematical reasoning.

Subject-Specific Tutoring: In addition to our Writing Lab and Math Lab, we offer subject-specific tutoring services to support students in various disciplines. Whether it's chemistry, history, computer science, or any other subject, our knowledgeable tutors provide targeted assistance to reinforce understanding, clarify complex concepts, and guide students through challenging coursework. These tutoring sessions enable students to deepen their subject knowledge and develop effective study strategies.

Testing: The Testing Center provides testing services for Florida Memorial University students, faculty, staff and the community. Florida Memorial University is a national test center. National tests include ACT, SAT, CLEP, DSST, LSAT, PERT and TOEFL. As a member of NCTA (National College Testing Association), the testing unit also participates in the CCTC (Consortium of College Testing Departments) which is a referral service that facilitates test administration services for distance learning students. Additionally, it serves as a test site for several of the nation's leading certification and licensure testing companies. Services for faculty include proctoring exams, scoring multiple-choice tests and providing analyses of the results. The Testing component of CARS administers placement tests to freshmen to identify the students' academic levels in reading, writing and mathematics. Results from the assessment are used to advise students and design course schedules that encourage students to take advantage of their strengths and move toward improvement of their weaknesses.

Florida Memorial University awards college credit for standardized examinations that authenticate the required knowledge and competencies for one or more subject areas. The credit awarded, based on the University's approved course equivalents, will appear on the student's official college transcript as earned credit only.

The Academic Support Services provided by our office are dedicated to empowering students to overcome academic challenges, develop critical skills, and succeed in their studies. We strive to create a supportive learning community where students can thrive academically and reach their full potential. Through our comprehensive range of services, we are committed to providing the tools and support necessary for students to excel in their academic pursuits.

Fall Freshman Convocation

Purpose

Fall Freshman Convocation is an official academic ceremony of Florida Memorial University that formally welcomes new students into the University community and marks the beginning of their academic journey. As a signature institutional tradition and an integral component of the First-Year Experience (FYE), Convocation reinforces the University's mission, values, and commitment to academic excellence, leadership, service, integrity, and student success.

The University conducts Fall Freshman Convocation at the beginning of each fall semester. The ceremony serves as the official academic welcome for entering students and includes participation by the President, members of the Board of Trustees, faculty, administrators, staff, alumni, and invited guests.

During Convocation, faculty members, assembled in academic regalia, formally receive the entering class into the University's academic community. The ceremony introduces students to the University's history, mission, vision, institutional values, and expectations for academic achievement, ethical conduct, campus engagement, and responsible citizenship.

Freshman Convocation represents the beginning of the educational experience at Florida Memorial University and serves as the ceremonial counterpart to Commencement, which recognizes the successful completion of degree requirements.

Attendance Requirement

Attendance at Fall Freshman Convocation is required for all first-time, degree-seeking undergraduate students enrolled during the fall semester. Students are expected to participate in the full ceremony and comply with all published instructions regarding attire, arrival time, seating, and professional conduct.

Students who are unable to attend due to documented illness, military service, religious observance, or other extenuating circumstances must submit a written request for an excused absence to the Department of Freshman Studies and Student Success before the scheduled ceremony whenever possible. Supporting documentation may be required.

Students granted an approved absence may be required to complete an alternative educational activity as determined by the University.

Student Learning Outcomes

Participation in Fall Freshman Convocation is intended to enable students to:

- Recognize Florida Memorial University's mission, history, traditions, and institutional values.
- Understand the University's expectations regarding academic integrity, scholarship, student conduct, and civic responsibility.
- Develop a sense of belonging within the University community.
- Identify opportunities for academic support, leadership development, student engagement, and campus involvement.
- Begin establishing a commitment to persistence, degree completion, and lifelong learning.

Academic Services Unit

The Academic Services Unit is devoted to empowering students to excel academically and unlock their full potential. The mission is to enrich the educational experience by providing cutting-edge teaching methodologies, tailored advising, and comprehensive academic support services. The academic services team foster interdisciplinary connections, offer experiential learning opportunities, and encourage active participation in co-curricular activities, recognizing that holistic development is vital for student achievement and preparation for the global job market.

Academic Services comprises the following:

Center for Teaching and Learning (CTL)

The Center for Teaching and Learning (CTL) advances the university's mission of fostering student academic success by empowering faculty through innovative training, personalized support, and transformative educational technology. As part of the Division of Academic Services, the CTL promotes a culture of engaged learning, teaching excellence, and scholarly inquiry. Its work is grounded in three foundational pillars:

- *Faculty Professional Development* – Equipping educators with evidence-based strategies to enhance instructional effectiveness across all modalities.
- *Scholarship of Teaching and Learning (SoTL)* – Encouraging faculty to systematically investigate and share best practices that improve student learning outcomes.
- *Educational Technology Innovation* – Leveraging emerging tools and platforms, including learning management systems, to create dynamic, inclusive, and learner-centered environments.

Through these pillars, the CTL serves as a hub for collaboration, continuous improvement, and the advancement of high-impact teaching practices that drive student retention and success.

Career Development Center

The core purpose of the Career Center is to provide workforce development training, access and awareness about career pathways, job placement, and industry demand. The Career Development Center offers services to assist students with internships, on-the-job training opportunities and post- graduation job placement assistance.

Dual Enrollment

Dual enrollment is a program that allows secondary students, including home education and private school students to take postsecondary coursework and simultaneously earn credit toward a high school diploma, a career certificate, an associate or baccalaureate degree at a Florida public or eligible private institution. Florida Memorial University dual enrollment students receive university incentives such as a Lion ID card, access to the FMU library, academic support services, and the chance to experience FMU.

Students must meet the following eligibility criteria per s. 1007.271(3), Florida Statutes (F.S.):

- Be enrolled as a student in a Florida public or nonpublic secondary school (grades 6-12), or in a home education program.
- Have a 3.0 unweight high school grade point average (GPA) to enroll in college credits, or a 2.0 unweighted high school GPA to enroll in career dual enrollment courses.
- For college credits, [demonstrate college readiness](#) outlined in Rule 6A-10.0315, Florida Administrative Code (F.A.C.) pursuant to Rule 6A-14.064, F.A.C.;
- Meet any additional eligibility criteria specified by the postsecondary institution in the Dual Enrollment Articulation Agreement; and
- Not be scheduled to graduate from high school prior to the completion of the dual enrollment course.

FMU Dual Enrollment Contact:

Academic Outreach and Dual Enrollment
Lehman Building Room 204C
Office: 305.626.3600

Academic Regulations, Procedures and Standards

The academic year consists of two semesters, fall and spring, of approximately fifteen weeks each. The University also offers several summer sessions. Students enrolled in twelve to eighteen credit hours per semester are classified as full- time. Students wishing to take more than eighteen credit hours must obtain approval prior to registering from the School's Dean and the Provost.

A reduced credit load is a maximum of twelve semester credit hours. Reduced loads are assigned to students in educational development programs, on academic probation, or involved in work activities that interfere with the student's academic progress. Part-time students are those who enroll in fewer than twelve semester credits.

Students are required to take the Postsecondary Education Readiness Test (PERT) or an equivalent standardized placement examination prior to registering for classes. The PERT measures achievement levels in reading, writing, and mathematics. Based on the results of the test, students are assigned appropriate college-level courses, reinforcement laboratories or both. Students are not required to take a placement test

If they have the minimum ACT/SAT scores and/or grades listed:

1. ACT English - 17
2. ACT Reading - 19
3. ACT Math - 19
4. SAT Math (Quantitative) – 24
5. SAT Reading – 24
6. SAT English (writing) - 25

International students with passing grades (or scores I-V) in Ordinary Level (O Level) and GCE Advance Level (A Level – now known as CAPE) are also exempt from taking the placement test.

Zero Credit Hour Courses Policy

Florida Memorial University may offer select zero-credit hour courses, experiences, or requirements designed to support student success, placement, academic progression, licensure preparation, co-curricular engagement, or institutional requirements. While zero-credit courses do not generate earned academic credit toward degree completion, students may be required to successfully complete such courses as determined by programmatic, institutional, or academic requirements.

Artificial Intelligence (AI) Use

Florida Memorial University recognizes that artificial intelligence (AI) technologies are increasingly integrated into higher education and professional practice. The appropriate use of AI tools in coursework is determined by the course instructor. Students are expected to comply with the AI guidelines established in each course syllabus and by the instructor.

Unless expressly authorized by the instructor, students may not use AI tools to generate, complete, revise, or substantially assist with graded academic work. Unauthorized use of AI may constitute academic dishonesty and will be addressed in accordance with the University's Academic Integrity Policy. Students remain responsible for the accuracy, originality, and integrity of all work submitted for academic credit, regardless of whether AI tools are permitted.

Credit by Examination

The purpose for credit by examination is to validate credits earned at other institutions or to exempt students from courses in which they have had related professional experience(s). Students who satisfy either one of the aforementioned criteria may earn a maximum of 15 credits using this method. Credit by examination may not be used to correct registration errors. It cannot be used to satisfy coursework for which the student has received a grade from Florida Memorial University.

To apply for credit by examination, students must obtain an application from the Office of the Registrar and have the application approved by the dean of the specific school and the Provost prior to paying the examination fee.

The dean and faculty committee will review the data submitted, interview the student, and determine if that student may take the examination. Examinations are prepared or selected by the school's faculty. Examinations will include comprehensive coverage of course materials. Students may be required to complete written assignments as well as standardized short-answer and/or essay questions. Students may not apply for credit by examination during their expected term of graduation.

A letter grade of "P" will be assigned upon successful completion of the examination. If unsuccessful, the grade of "F" will be assigned.

Credits earned by credit by examination cannot be used to satisfy residency requirements, nor are these credits included in the calculation of the grade point average. Students who qualify for credit by examination will have only one attempt to satisfy course requirements using this method.

Progression Standards

Students must pass each course in any sequence of reading, English, or 100-level mathematics courses with a grade of "C" or better. Students who earn midterm grades of "C-" "D", "D+" or "F" in any reading, English, or mathematics course(s) must pre-register for that same course(s) before advancing to the next course in the sequence. Grades of "C-", "D", "D+" and "F" are not passing grades in these courses, and the class must be repeated immediately before enrolling in the next level course. The grade of "C-" is considered passing in FMU 101 – University 101.

Academic Amnesty Appeal

The intended purpose of academic amnesty is to provide a student with a one-time opportunity to remove prior academic failures (defined as grades of C- or below) from inclusion in their Cumulative GPA.

The process will depend in part upon the student's willingness and ability to demonstrate how they have addressed the root cause of the academic difficulty through submission of a thoughtful educational plan and evidence of changes made since the failures occurred.

FMU allows for academic amnesty in the following two situations:

- A. Returning Students: Students returning to FMU after a minimum of a four-calendar year break from higher education would be permitted to petition to remove up to two semesters of course work from their FMU record for the purpose of cumulative GPA calculation. The entire semester must be removed.
- B. Students changing majors: Students who change their major may petition to have one semester of course work removed from their FMU record for the purpose of cumulative GPA calculation. The entire semester must be removed.

In both cases, the semester will remain on the transcript with a notation "Academic Amnesty Excluded from GPA" but will not be calculated in the cumulative grade point average. This policy is strictly academic in nature. For information regarding financial aid, consult the Office of Financial Aid.

Undergraduate students may petition for no more than two semesters of academic amnesty. Each semester must be treated as a whole; the student cannot choose individual classes in a semester. All petitions must be supported by sufficient documentation. Upon recalculation of the student's GPA per this policy, returning students must meet the University's standing readmission requirements.

Two (2) graded semesters for full-time students or four (4) graded semesters for part-time students (called an amnesty run) must be completed in order to initiate the academic amnesty. In cases where students have fewer than 24 credit hours to complete their degree, the amnesty run would extend through degree completion. Amnesty coursework will begin with the first course(s) taken upon return to the University.

Students must maintain continuous enrollment, either full or part-time and remain in good academic standing during the academic amnesty run.

For full details, procedures, and current deadlines, students must consult the Office of the Registrar.

Academic Standing

Florida Memorial University is committed to supporting student success through clear academic expectations and structured interventions. The academic standing policy outlines the classifications used to evaluate and monitor a student's academic performance throughout their enrollment. These classifications include Good Academic Standing, Warning, Academic Progress, Probation, Suspension, Appeal, and Dismissal. Each designation reflects a student's progress toward degree completion and may require specific actions or support. The following section provides detailed definitions and implications of each academic standing status to ensure students understand the standards for continued enrollment and the pathways available for academic recovery.

Status	Description
Good Academic Standing	The required cumulative grade point average (GPA) for Good Academic standing and eligibility for graduation at Florida Memorial University is 2.0 for all programs except for the School of Education, which requires a cumulative GPA of 2.5 for graduation for undergraduate majors.
Academic Warning	Freshman who has attempted 0-29 credit hours and whose cumulative grade point average falls below 2.0 will be placed on Academic Warning for one semester. All students on Academic Warning must meet with their academic advisor to develop an Academic Warning Improvement Plan (AWIP). The advisor may require adjustment of the student's courses or course load.
Academic Probation	Students will be placed on Academic Probation when they fail to earn and maintain a cumulative GPA of 2.0. Students are removed from Academic Probation when their grade point average reaches a minimum of 2.0. Students are required to develop and follow an Academic Improvement Plan (AIP).
Academic Suspension	Students will be suspended from the University for one semester (Fall or Spring) if they fail to satisfy the requirements. All suspended students must apply for re-admission to the Academic Standing Committee.
Academic Appeal	Students on Academic Suspension will be granted the right to appeal in writing. The Academic Standing Committee will make the final decision concerning suspension. If the suspension is rescinded, the student will be returned to Academic Probation status.
Academic Dismissal	Students returning from Academic Suspension who fail to achieve and maintain a cumulative GPA of 2.0 after two consecutive semesters of study will be dismissed from the University. Academic Dismissal carries a separation from Florida Memorial University for one (1) academic year before eligibility for re-admission may be restored.

Transfer of Credits Policy

Florida Memorial University accepts courses earned at other post- secondary institutions, provided that

- The grade earned in major courses, and core English, reading, and mathematics courses is a “C” or higher.
- The courses represent collegiate coursework relevant to the degree program being pursued at the institution.
- The course content, level of instruction and resulting competencies are equivalent to those of students enrolled at the institution; and
- All official transcripts are submitted to the institution.

A maximum of 90 credits total may be transferred to Florida Memorial University. The school’s dean and the provost must approve all transfer credits used toward a degree, using a form provided by the University Registrar. A minimum of 25% of the credit hours required for a student’s degree must be earned by instruction at Florida Memorial University.

Transfer Credits from International

Institutions Postsecondary credits earned by international students at colleges and universities which pattern themselves after the British or other non- American education systems must be evaluated by an external transcript evaluation organization approved by Florida Memorial University.

Verification of content of transfer courses is made from University catalogs, course syllabi, and certified copies of military documents, and by following guidelines published by the American Council on Education or the American Association of Collegiate Registrars and Admissions Officers.

Advanced Placement Program

Florida Memorial University cooperates fully with accredited high schools and colleges in the Advanced Placement (AP) Program of the College Entrance Examination Board. AP courses are available to juniors and seniors in most United States high schools.

- Students must earn a score of 3 or higher on the nationally administered exam.
- An official Grade Report must be submitted for credit
- Credits will not be awarded for examinations that duplicate course work or other exam credits previously posted to a student’s academic record.
- Students are awarded credits only; they are not given grades for Advanced Placement Courses, and Advanced Placement
- Courses are not included in the GPA. All AP credits granted will meet Florida Memorial University’s degree requirements.
- There are no additional fees involved for providing Advanced Placement services.

Florida Memorial University Advanced Placement (AP)

Exam Title	Minimum AP Score	Credits	Course
History of Art	3	3	ARH101
Studio Art-Draw Portfolio	4	3	ART131
Studio Art-General Portfolio	3	3	ART121
Biology	4	6	BIO101, BIO130, BIO131, BIO206
Chemistry	4	5-10	CHE110, CHE111, CHE112, CHE113
Computer Science A	4	3	CSC101
Computer Science AB	4	6	CSC101, CSC230
Macro-Economics	3	3	ECO201
Micro-Economics	3	3	ECO202
English-Lang & Comp	4	6	ENG101, ENG102
English-Liter & Comp	4	6	ENG101, ENG102
French Language	3	6	FRE201, FRE202
French Literature	3	6	FRE305, FRE306
Gov and Politics- Comp	3	3	POL311
Gov and Politics-U.S.	3	3	POL301
History-European	3	3	HIS101
History-United States	3	3	HIS200
Math-Calculus AB	4	3	MAT200
Math-Calculus BC	4	6	MAT201, MAT202
Music Theory	3	6	MUS101, MUS102
Physics B	4	8	PHY200, PHY201, PHY203
Physics C (Mechanics)	4	4	PHY200, PHY201

Institutional Effectiveness, Research and Planning

The Office of Institutional Effectiveness Research and Planning is responsible for the collection, analysis, and reporting of official information about the University, its students, and faculty. This includes reporting the United States Department of Education's Integrated Postsecondary Education Data System (IPEDS) annual surveys, The University Fund/UNCF's Annual Survey, and the Independent Colleges and Universities of Florida's Accountability Report. It assists other offices in the construction, administration, and analysis of surveys and reports. The role of Office of Institutional Effectiveness Research and Planning is to assist the campus community in developing and maintaining a quality assessment program for the institution that is based on student learning outcomes and assessment of administrative support of the University's Mission.

The Office of Institutional Effectiveness, Research and Planning is responsible for collecting, recording, disseminating, and reporting vital data related to all aspects of the University. THE Office of Institutional Effectiveness, Research and Planning is responsible for the oversight of all University Accreditations (regional, departmental, and programmatic), and conducts program reviews, institutional assessment, and the coordination of the University's Strategic Plan. The Office also serves as a clearinghouse for appropriate University statistics.

This Office is led by the Vice President for Institutional Effectiveness and Chief Operating Officer. The Office of Institutional Effectiveness, Research, and Planning provides contextualized data to inform institutional decision-making related to budgeting, resource allocation, annual planning, implementation of action plans, and assessment schedules. This Office aims to achieve this by maintaining objectivity while appropriately assessing, analyzing, interpreting, and sustaining the integrity of the University's data.

DEGREE PROGRAMS

Thoughtful consideration should be given to the selection of a major. It is not necessary to declare a major during the freshman year. Careful selection of courses in the general interest area is recommended. Requirements for a major are set by each school. By the end of the sophomore year, students must officially declare a major. Transfer students with an associate degree must declare a major upon entering the University. When declaring a major, students must submit a formal application to the respective school dean. At this time, a faculty advisor will be assigned. Majors offered at Florida Memorial University are:

SCHOOL OF ARTS & SCIENCES

Department of Arts and Humanities

- Communication (concentration in Public Relations)
- Communication (concentration in TV Broadcast)
- Music Production
- Religion and Philosophy

Department of Computer Science, Mathematics and Technology

- Computer Science
- Cybersecurity
- Information Systems
- Artificial Intelligence

Department of Health & Natural Sciences

- Biology (concentrations in Radiobiology and Radiochemistry)
- Biology/Nursing (Dual Degree)
- Healthcare (Concentration in Administration)
- Chemistry
- Pre-Engineering

SCHOOL OF BUSINESS AND AERONAUTICAL SCIENCE

Department of Business

- Business Administration
- Finance

Department of Aviation and Safety

- Aeronautical Science (Concentration in Air Traffic Control)
- Aeronautical Science (concentration in Flight Education)
- Aviation Management
- Aviation Safety

Graduate Program

- Master of Business Administration (MBA)

SCHOOL OF EDUCATION & SOCIAL SCIENCES

Department of Education

- Elementary (K-6) with ESOL and Reading Endorsement

Graduate Programs

- Master of Science in Reading
- Master of Science in Exceptional Student Education Master of Science in Reading/ESOL (K-12)
- Education Specialist in Exceptional Student Education

Department of Social Sciences

- Criminal Justice
- Criminal Justice (concentration in Criminology)
- Law & Government
- Psychology
- Social Work

Graduate Programs

- Master of Science in Criminology
- Master of Social Work

Major Definitions

A major consists of a minimum of 30 hours in an area; a minor consists of a minimum of 18 hours. Minors are available in most areas where a major is offered, in addition to African American Studies, economics, ecology, and history. Upon selection of a major, students are required to file a proposed program of courses with the school advisor and with the dean's approval. To change a major, students must:

- Obtain a Declaration/Change-of-Major form from their current school.
- Obtain the signature of the appropriate school deans (previous and new) and
- Submit the form to the Office of the Registrar

The change of major becomes effective on the date the change of major form is filed in the Office of the Registrar.

Articulation Agreement

Students transferring to Florida Memorial University from another college or university are admitted based on credit and grade point average earned in course work at the collegiate level. Students must have earned a minimum cumulative grade point average of 2.0 in collegiate course work. Transfer applicants who possess the Associate of Arts (AA) degree from a Florida State College or University will be accepted with a minimum of 60 credits, with the understanding that some prerequisites may be required to fulfill degree requirements in their major at Florida Memorial University. Courses with a grade of "D" will transfer, except in English and mathematics. Course work for all students who enroll without the AA degree will be evaluated on a course-by-course basis. Students are advised to consult the ICUF Transfer Manual for specific requirements for each major. www.fldoe.org

Credit for Learning by Experience Option (CLEO)

The Credit for Learning by Experience Option (CLEO) at Florida Memorial University provides adult learners with a structured and academically rigorous process to earn university credit for college-level learning gained through professional, military, community, entrepreneurial, or other experiential settings. CLEO is grounded in academic integrity, equity, and FMU's mission to expand access to high-quality education. CLEO validates learning that occurs outside the classroom by assessing knowledge, skills, and competencies that align with FMU course outcomes, degree requirements, and SACSCOC Standard 9.4. Credit is awarded based on the *demonstration of learning*, not the experience alone.

The purpose of CLEO is to recognize and award academic credit for verifiable, college-level learning acquired through real-world experience. Through portfolio development, professional credential evaluation, and performance-based assessments, adult learners can accelerate degree completion while demonstrating mastery of university-level learning outcomes.

CLEO supports FMU's commitment to:

- Academic excellence
- Student equity and access
- Recognition of diverse learning pathways
- Workforce and professional readiness

All CLEO credits must meet institutional learning standards and may satisfy major, minor, or elective degree requirements where appropriate.

To apply for CLEO, a student must:

- Be enrolled in an FMU degree or certificate program.
- Have completed at least 6 credits in residence at FMU.
- Be in good academic standing.
- Submit a CLEO Professional Credential Evaluation Request Form.
- Participate in an advising session with a CLEO Coordinator or Academic Advisor.

All required CLEO forms, application materials, and additional information on eligibility and documentation requirements are available on the Forms page of the Office of the Registrar's website.

College Level Examination Program (CLEP) Policies

Florida Memorial University recognizes that a well-rounded education contributes to the quality of life. The University expects that students will leave its community of scholars and traditions prepared to participate fully in society. The University also recognizes and honors students' prior learning and may award credit for knowledge gained through independent study, advanced high school or honors classes, or other experiences outside of the University's classroom. CLEP tests measure the mastery of university-level introductory course content in a wide range of disciplines.

Credits Awarded

Florida Memorial University **WILL NOT** award CLEP credits for the following:

- A course in which a student has once been enrolled at the University level.
- Credit cannot be earned through CLEP while on academic suspension from the University.
- Credit will not be awarded for any course in which a student previously earned a failing grade.
- Credit cannot be earned to raise a grade previously earned in a University course.
- Credit will not be awarded for exams taken without written approval from department chair. Credit will not be awarded as part of the last 30 hours applicable to a degree.

The total number of credits by examination that a student may earn is twenty-four (24). Credits exceeding that amount will not be awarded. NO EXCEPTIONS.

Score minimums, credit hours awarded, and course equivalencies awarded are subject to change for any examination without prior notice.

Test Fee

There is a f\$50 fee per test. A student must pay through CLEP, or by credit card (Visa, MasterCard, or American Express). There is also a \$50 institutional fee, which is due at the time the test is taken. A student may pay the institutional fee at the Bursar's Office.

Acceptable scores and credits

Based on the American Council on Education's recommendation, Florida Memorial University will accept and award credits for the following CLEP courses:

Analyzing & Interpreting Literature	ENG 111
English Composition with Essay	ENG 101
English Literature	ENG 303
English Literature II	ENG 304
French Language Level 1 (2 semesters)	FRE 201
French Language Level 2 (4 semesters)	FRE 202
Spanish Language Level 1 (2 semesters)	SPA 201
Spanish Language Level 2 (4 semesters)	SPA 202
American Government	POL 301
Hist. of the U.S. Early Colonization to 1877	HIS 321
Hist. of the U.S. II 1865 to the Present	HIS 324
Human Growth and Development	PSY 306
Humanities	DRA 200
Principles of Macroeconomics	ECO 201
Principles of Microeconomics	ECO 202
Introductory Psychology	PSY 200
Social Science & History	SSC 101

Social Science II	SSC 102
Introductory Sociology	SOC 200
Biology	BIO 101
College Algebra	MAT 111
Intermediate Algebra	MAT 110
Finite Math	MAT 114
Physical Science	PSC 101
Trigonometry	MAT 113
Principles of Accounting	ACC 211
Introductory Business Law	BUS 311
Information Systems & Computer Applications	CSC 101
Principles of Marketing	MAR 301
Principles of Management	BUS 211

Testing Registration

Postsecondary Education Readiness Test (PERT)

At Florida Memorial University, all newly admitted undergraduate students are required to complete the Postsecondary Education Readiness Test (PERT). The PERT is a placement assessment used to evaluate readiness for college-level coursework and is administered in the following areas: mathematics, reading, and writing.

The examination is used for course placement purposes only and is not an admissions requirement. PERT scores assist the University in determining appropriate academic placement and identifying support services designed to promote student success. Students are encouraged to complete the PERT prior to registration to ensure timely course placement and enrollment. For additional information regarding testing procedures, students should contact the University Testing Center.

For further information, please contact the Testing Center located in the Sarah Blocker Hall Building, rooms 101-102

Graduation Requirements

Advisors and faculty will advise students on meeting the requirements for graduation; however, students ultimately have the responsibility of fulfilling these requirements. Students are responsible for filing an application for a degree in the Office of the Registrar the semester prior to graduation. All Graduation Fees are due upon applying for graduation. The following are the basic requirements for graduation:

1. Students must satisfy the curriculum requirements, complete a minimum of 120 credit hours, and meet the curriculum requirements for graduation specified by their degree program
2. A minimum cumulative grade point average of 2.0 for prospective graduates **(2.5, for**

education majors and pre-hospitality management graduates)

3. Completion of a minimum of twenty-five percent (25%) of the total number of credits required for the degree at Florida Memorial University
4. Completion of a senior thesis or project for non-education majors
5. Fulfillment of all financial obligations and procedural requirements.
6. All requirements for graduation must be satisfied at least 24 hours after the last day of final examinations. Students who fail to complete requirements are required to file a new graduation application. (See Academic Calendar for deadlines.) Only those students who have completed all requirements for graduation will be permitted to participate in commencement exercises. Exception granted only for maximum six credit hours remaining and approval by the Provost.

Second Baccalaureate Degree

A second bachelor's degree may be awarded when:

1. The requirements of an appropriate academic school for a second degree have been met.
2. The student has completed a minimum of 30 credit hours at Florida Memorial University.
3. Requirements for graduation from the University have been met. A bachelor's degree has been earned from an accredited four-year college or university and 30 additional credit hours of course work is completed at Florida Memorial University. All requirements of the major school must be met.

Dual Majors

A student who desires to have dual majors must simultaneously meet the demands of both majors.

Requirements for each major must be successfully satisfied. Transcripts will indicate the completion of dual majors.

Graduation Application Procedure:

1. Students must adhere to the established deadlines for graduation applications. Commencement is an annual ceremony in May of each year. Degree conferral is by semester.
2. Students must complete Graduation Application.
3. Students must submit the Graduation Application signed off by advisor, degree check sheet and unofficial transcript to the Dean (or Department Chair) for approval and signature.
4. Students must contact the Registrar Office for degree review letters approving or disapproving of the application. This letter will indicate any and all courses or other requirements remaining to be completed.
5. Students receive notification of graduation application and status.
6. The Provost will submit the Graduation Candidate List for approval by the faculty, pending completion of all academic and financial requirements.
7. The approved Graduation Candidate List will be submitted to the Board of Trustees by the Provost for final approval.

Graduation Disclaimer

The catalog under which the student enters serves as the official record of admission, academic, and degree completion requirements. It is the student's responsibility to be aware of the current graduation requirements for degree program(s). Completion requirements are subject to the FMU's Board of Trustees approval as recommended by the University's academic affairs committees, relevant accreditation organizations, and (in some instances) state and federal laws and regulations.

Students are not allowed to participate in commencement activities if they have not completed all requirements as verified by the Office of the Registrar through the "Cleared for Graduation" process. Participation in commencement does not guarantee eligibility to graduate. Certification of the conferral of a degree is by receipt of a diploma or official transcript noting degree completion, not necessarily by participation in the commencement ceremony.

Attendance Policy

Students are expected to attend all classes for which they are registered and are not authorized to attend classes for which they are not registered. Absences during the first two weeks of classes are especially discouraged as professors are required to report to the Registrar's Office the students who are registered in their courses but have not attended. The Registrar's Office will proceed to drop students never attended from the reported courses; however, it is the students' ultimate responsibility to drop or withdraw from the courses they no longer plan to attend. Students with excessive unexcused absences may be withdrawn from the class by the instructor. Calculation of absences begins from the first-class meeting for students whose names appear on the initial class roster. Excused absences include illness, serious family emergencies, special curricular requirements (e.g., University fairs, field trips and approved meetings), military obligations, and participation in official University-sponsored activities, such as music performances and athletic competitions. If accompanied by a letter from the Vice President for Student Affairs, Dean of Students, absences from class for court-imposed legal obligations (e.g., jury duty or subpoena) will be excused. Students are responsible for any and all class work and may not use University-sponsored activities as a plea for extension of time to complete assignments, or for permission to take makeup examinations or quizzes, or to excuse missed exams/coursework.

Grades with Quality Points

A	4.00
A-	3.70
B+	3.30
B	3.00
B-	2.70
C+	2.30
C	2.00
C-	1.70
D+	1.30
D	1.00
F	0.00

Grades without quality points

FN	Failure due to nonattendance
W	Official Withdrawal from the University
WP	Withdraw Passing
WF	Withdraw Failing
I	Incomplete
P	Pass
U	Unsatisfactory
AU	Audit
NC	No Credit
NR	Not Reported

Students must complete reading, English, mathematics, and all major- designated courses with a minimum grade of “C+ or C.” Students who are failing a general education course at midterm must pre-register to repeat that course during the next scheduled offering. All repeated courses must be taken at Florida Memorial University.

Students may be given an “I” only if a small percentage of the course is missed because of unavoidable circumstances and there is a reasonable chance of obtaining a “C” or better if the students complete the missing work. Students must complete this work within the established period of time (see Academic Calendar) without further registration or class attendance. Failure to adhere to this policy within one semester after receiving a grade of incomplete will result in the grade of “I” converting to the grade of “F.” Students

who have filed for graduation may not receive an “I” during the term in which they plan to graduate. If a grade of “I” is received, the student must reapply for graduation at the next scheduled application period.

FMU GRADING SCALE & SYSTEM

	4.0	3.70	3.30	3.00	2.70	2.30	2.00	1.67	1.33	1.00	0.00
Grade	A	A-	B+	B	B-	C+	C	C-	D+	D	F
	93-100	90-92	87-89	83-86	80-82	77-79	73-76	70-72	67-69	63-66	0-59

Grade Reports

Students may review their grades via the MyFMU. The report will also reflect the term grade point average and a cumulative grade point average. Grade reports are unofficial records. The University reserves the right to withhold the grade reports of students with financial obligations.

Grade Appeal

Students may appeal a grade in a course if it is demonstrated that a faculty member has made a capricious or prejudicial evaluation in grading. To resolve grade grievances, students must adhere to the following procedures:

1. Discuss the problem with the instructor with whom they have the grievance
2. Meet with the school dean if the problem cannot be resolved with the instructor
3. File a written grade appeal with the Grade Appeals Committee if the school dean cannot resolve the problem. A written grade appeal must be appropriately filed in the semester following the one in which the disputed grade was given.

Change of Grades

Final grades can be changed only in instances of documented error. Grade changes must be reported by the professor on the Change of Grade Form. The form must be signed by the instructor and submitted with the appropriate documentation to the dean who in turn will submit it the Provost and Vice President. Upon approval, the form is forwarded to the Office of the Registrar where the grade change is recorded. Upon request, a student whose grade is changed will receive a student copy of the transcript reflecting the grade change. A grade may not be changed after two (2) semesters have elapsed, unless a written appeal by the student has been upheld, after the aforementioned time period.

Academic Honors

Honors at Graduation

The following honors are awarded at graduation to students who have maintained high academic performance.

Honor	Criteria
<i>Summa Cum Laude</i>	Cumulative grade point average of 3.80 or higher.
<i>Magna Cum Laude</i>	Cumulative grade point average of 3.50 to 3.79
<i>Cum Laude</i>	Cumulative grade point average of 3.20 to 3.49

Other Academic Honors

Honor*	Criteria
The President's List	Full-time students who have earned a semester grade point average of 4.0 (with a minimum of 12 semester hours).
The Dean's List	Full-time students who have earned a semester grade point average of 3.5 to 3.99 (with a minimum of 12 semester hours).
The Honor Roll	Full-time students who have maintained a semester grade point average of 3.0 to 3.49 (with a minimum of 12 semester hours and above)

*Students enrolled in fewer than 12 semester hours of coursework, who have incomplete grades or pending grade changes, will not be considered for academic honors for that semester.

Honor Societies

Alpha Chi – Alpha Chi is a prestigious, coeducational academic honor society with over 300 chapters across the United States. Membership is highly selective, extending only to juniors, seniors, and graduate students who rank in the top (10%) of their class across all academic disciplines.

Alpha ETA Rho – is an international professional college aviation fraternity (open to male and female students) that serves as a contact between the aviation industry and educational institutions to foster, promote, and mentor today's college students towards successful careers in any aviation field. Established in 1929, membership is open to aviation-related majors who maintain a GPA of at least 3.0.

Alpha Kappa Mu - Alpha Kappa Mu National Honor Society is a general scholarship honor organization that is open to junior and senior men and women in all academic areas. The society was founded at Tennessee A & I State University in Nashville on November 26, 1937. Alpha Phi Chapter of Alpha Kappa Mu at Florida Memorial University is open to all juniors and seniors with a GPA of 3.3 or better. The purpose of the Society is to promote high scholarship, to encourage sincere and zealous endeavor in all fields of knowledge and service, to cultivate a high order of personal living, and to develop an appreciation for scholarly work.

Alpha Upsilon Alpha – Alpha Upsilon Alpha Honor Society is an academic honor society recognizing excellence in reading and language arts at the undergraduate and graduate level. Founded in 1985, it is governed by the International Literacy Association.

FMA - Financial Management Association (FMA) International Honor Society is the only Honor Society specifically for Finance students. It was founded in 1974 by the Financial Management Association International (FMA). FMA was established in 1970 and has become the global leader in developing and disseminating knowledge about financial decision making. FMA's members include academicians and Finance students for their academic achievements. By induction into the FMA International Honor Society, students have a means of demonstrating their academic excellence to potential employers. This honor helps set them apart from other students when pursuing their career. Membership is open to Finance-related majors who maintain a GPA of at least 3.25

Theta Alpha Kappa - Theta Alpha Kappa was founded in 1976 and is the only national honor society for religious studies and theology. Induction requires nomination by a local chapter and, to be eligible, students must have a 3.5 GPA in Religious Studies and/or Theology and a 3.0 GPA overall. Residency, class ranking, and unit requirements must also be met. Theta Alpha Kappa offers scholarship awards and fellowship competitions, and its primary publication, the Journal of Theta Alpha Kappa, offers an annual prize and the publication of outstanding student papers. Theta Alpha Kappa is a related scholarly organization of the American Academy of Religion, an affiliated program of the Society of Biblical Literature and is a member of the Association of College Honor Societies.

Sigma Tau Delta - Sigma Tau Delta is an International English Honor Society. Sigma Tau Delta's central purpose is to confer distinction upon students of the English language and literature in undergraduate, graduate, and professional studies. Sigma Tau Delta also recognizes the accomplishments of professional writers who have contributed to the fields of language and literature. One of the largest members of the Association of College Honor Societies, Sigma Tau Delta has over 600 active chapters, more than 900 faculty sponsors, and inducts approximately 7,000 members annually. Members have the opportunity to be recognized for their outstanding achievements, enrich their education, receive help making career choices, and advance their careers.

Kappa Delta Pi - Kappa Delta Pi is an International Honor Society dedicated to scholarship and excellence. The Society was founded on March 8, 1911. Florida Memorial University received its Charter on April 23, 1995. Society subscribes to four ideals: Fidelity to Humanity, Science, Service and Toil. Invitation to membership in the FMU Phi Eta Chapter is extended to undergraduates who have obtained or earned an overall grade point average of 3.0 or above and to faculty and University administrators.

Delta Mu Delta - Delta Mu Delta International Honor Society in Business Administration is to promote higher scholarships in training for business and to recognize and reward scholastic attainment in business subjects.

Membership in Delta Mu Delta should be the goal of every student in the School of Business and Aeronautical Science. To be eligible for membership, the academic ranking of those being considered must place them in the upper 20 percent of the junior and senior level classes.

Phi Alpha – Phi Alpha is an international honors society for Social Work dedicated to providing a closer bond among students of social work and promoting humanitarian goals and ideas. Phi Alpha fosters high standards of education for social workers and invites into membership those who have attained excellence in scholarship and achievement in social work. Phi Alpha offers membership to social work students, faculty, and practitioners.

Psi Chi - Psi Chi National Honor Society in Psychology was founded in 1929 for the purposes of encouraging, stimulating, and maintaining excellence in scholarship, and advancing the science of psychology. Membership is open to graduate and undergraduate men and women who are making the study of psychology one of their major interests and who meet the minimum qualifications. Psi Chi is a member of the Association of University Honor Societies (ACHS) and is an affiliate of the American Psychological Association (APA) and the American Psychological Society (APS). Psi Chi functions as a federation of chapters located at more than 975 senior colleges and universities in the USA. The national office is located in Chattanooga, Tennessee.

Upsilon Pi Epsilon - An International Honor Society for the Computing and Information Disciplines. The mission of UPE is to recognize academic excellence at both the undergraduate and graduate levels in the Computing and Information Disciplines. UPE is a member of the Association of College Honor Societies (ACHS).

Registration

Students must comply with student load requirements as explained in the Academic Regulations section of this catalog. Dates for early registration, registration, and late registration for fall, spring, and summer semesters are published in the University Academic Calendar. Students are required to register in accordance with this schedule.

Schedules of classes are available on the university's web site (www.fmu.edu). Students are urged to study schedules carefully and, in conjunction with their advisors, plan courses of study on the official registration worksheet form. This form is available in the academic advisors' offices.

Students currently enrolled will be charged a late registration fee, if not registered early. Students have not completed registration until they have been cleared by the University's Business Office. Registration will be canceled if not completed by the established deadline.

Students will not be permitted to enroll after the end of the late registration period.

Course Cancellation

Course(s) may be canceled by school deans, with final approval by the Provost, in the event of insufficient enrollment or lack of an instructor.

Add, Drop and Withdrawals

Courses may be added during the designated add period at the beginning of each semester. Students may neither register for nor add courses after this period. Courses may be dropped through the second week of the semester. (See appropriate date on the academic calendar.) Students may not drop a course after this period but may only withdraw from the course or the University. Dropped courses are not reflected on the students' transcripts.

Withdrawal from Courses

At the end of the drop period, students may withdraw from one or more courses during the withdrawal period indicated on the academic calendar. "WP" (Withdraw - Passing) or "WF" (Withdraw - Failing) will be given to reflect academic progress at the time of withdrawal.

Withdrawal from the University

Students may withdraw from the University no later than 10 days before the last week of classes. After this time, official documentation should support an emergency beyond the control of the student. An official withdrawal form must be executed during the term for which the student wishes to withdraw from the University. Students who wish to withdraw from the University should contact the Office of the Registrar for procedural information. The effective date of the withdrawal is the student's last date of attendance according to faculty records. Failure to adhere to these procedures will result in a grade of "F" in all courses in which the student is registered.

A student who leaves the University without official notification due to extraordinary circumstances beyond the student's control and receives failing grades may submit a written request for an academic retroactive withdrawal no later than one semester after the receipt of final term grades. Relevant documentation and a letter of explanation must be submitted to the Registrar's Office. The withdrawal effective date will be the last day of classes of the term in question, according to the University's Academic Calendar.

Students may also be administratively withdrawn from the University at any time by the Registrar upon recommendation by the Vice President for Student Affairs, Provost and Executive Vice President for Academic Affairs, or the President. Such withdrawals may be made for disciplinary reasons, or when students fail to meet financial obligations or academic regulations.

Students whose enrollment at Florida Memorial University is interrupted for more than one semester are required to submit applications for re-admission. The applications must be sent to the Office of Admissions.

Students placed on academic suspension must remain in that status for one semester (fall or spring) before being considered for readmission. Students who voluntarily withdraw from the University for one or more academic years are required to apply for re-admission. Degree requirements stated in the University Academic Catalog for the academic year a student is re-admitted must be satisfied.

Auditing a Course

Students may register to audit courses with the written approval of the instructor and the dean of the major school. Credit will not be granted for audited courses. Students are not required to prepare written assignments or to take examinations. A per-credited hour fee for each course audited is assessed according to the current fee schedule.

Concurrent Enrollment at another University Students may be allowed, under extenuating circumstances, to enroll in another regionally accredited institution for specified courses. Approval of the school dean and Provost and Vice President for Academic Affairs is necessary. Failure to obtain approval will cause denial of credit. Further, students seeking concurrent enrollment are limited to the conditions of Florida Memorial University student credit load and grade requirement policies.

Transient Permit

Students enrolled at other institutions with the intention of using credits earned toward graduation from Florida Memorial University must receive prior permission from the school dean or the Provost. Students must complete a Transient Permit Form available from the Office of the Registrar.

Students may take courses only at other regionally accredited institutions. Only grades of “D” or better can be applied to Florida Memorial University transcripts. Courses in core English, mathematics, and reading, as well as major courses must have a grade of “C” or higher.

Classification of Students

Student classification at Florida Memorial University is based on the total number of semester credit hours earned. This classification helps determine academic standing, class level, and eligibility for specific programs or activities.

<i>Classification</i>	<i>Credit Hour</i>
Freshman	0 to 29 semester hours
Sophomore	30 to 59 semester hours
Junior	60 to 89 semester hours
Senior	more than 89 semester hours

Students who are not enrolled in degree programs are classified as non-degree seeking students.

Academic Honor Code

Florida Memorial University recognizes honesty and integrity as necessary to the academic purpose and function of the institution. The University, therefore, expects a high standard of individual honor in all academic endeavors from each student.

Academic dishonesty includes cheating, plagiarism, forgery, collusion, and credential misrepresentation. Students found guilty of academic dishonesty are subject to disciplinary action, including loss of credit, suspension, or immediate dismissal from the university.

Cheating - The use or attempt to use unauthorized materials, information, study aids, or computer-related information. This includes giving or receiving, offering or soliciting information on tests or written assignments, and/or using notes or books other than those explicitly permitted by the instructor during an examination.

Plagiarism - Representation of words, data, works, ideas, computer programs, or anything not generated in an authorized fashion properly cited as one's own.

Forgery - Willful misrepresentation or altering of documents with intent to defraud. It is a crime that is punishable by law. Its most common occurrence among students includes, but is not limited to, the misrepresentation of signatures (especially that of an academic advisor) on official documents of the University or the attempt to cash checks that are not lawfully their own.

Collusion - Cooperation of student(s) with staff personnel in securing confidential information/material (tests, examinations, etc.); bribery by student(s) or staff personnel to change examination grades and or grade point average(s); cooperative efforts by students and student assistant(s) in gaining access to examinations or answers to examinations for distribution; and resubmission of term papers and/ or reports that have been submitted previously and graded, but have been secured and re-circulated among students.

Credential Misrepresentation - Use of untrue written statements regarding matters of fact in order to gain admission to employment at Florida Memorial University. This also includes misstatements of fact, distribution of false printed material, and conduct manifestly intended to deceive or mislead.

Student Records

Florida Memorial University does not release student record information, except as permitted under the Buckley-Pell Amendment to the Family Educational Rights and Privacy Act of 1974 (FERPA).

Student records are confidential, and information which can identify a student will not be released to a third party unless authorized by the student. A record of all authorizations will be kept in the student's file. Students may request, in writing, access to personal official records and may challenge the accuracy of records maintained by the University. The Office of the Registrar will respond to any request within ten working days.

Requests for official or unofficial Florida Memorial University transcripts are made in person or online to the Office of the Registrar. Third party requests must include a signed release authorization from the student. The following information is necessary to process a transcript:

1. Student name
2. Student identification number or Social Security number
3. Date of birth
4. Dates of attendance
5. Degree(s) obtained (if any).

The request must be signed and dated by the student with the full address of the person or institution receiving the transcript. A \$12.00 fee is required for each copy of the transcript.

Transcript requests should be addressed to:

Registrar's Office
Florida Memorial University
15800 NW 42nd Ave.
Gardens, FL 33054

Students negotiating with co-op employers who require grades should request a transcript in the usual manner and allow the usual time.

Rights granted to students under The Buckley-Pell Amendment to The Family Educational Rights and Privacy Act Of 1974 (FERPA- Public Law 93-380)

To comply with the Buckley-Pell Amendment to the Family Education Rights and Privacy Act of 1974, commonly called the Buckley Amendment, the administration of Florida Memorial University informs the students of their rights under this act. The law affords students' rights of access to educational records and protects students from the release and disclosure of those records to third parties. Educational records are those records, files, and other materials that contain information directly related to a student's academic progress, financial status, medical condition, etc., and are maintained by the university or a party acting on behalf of the university.

Educational Records

Educational records are defined as those records created to assist the offices of academic divisions, admission, business, evening degree program, financial aid, president, provost, registrar, student affairs and institutional research in their support of basic institutional objectives and any records identified by student name that contain personally identifiable information in any medium. Educational records, with the exception of those designated as directory information (described below), may not be released without the written consent of the student to any individual, agency, or organization other than the following authorized personnel or situations:

1. Parents, if students are a dependent as defined by Section 152 of the Internal Revenue Code of 1954.

2. Florida Memorial University faculty and staff who have an educational interest in the student.
3. Officials of other schools in which the student seeks to enroll (transcripts).
4. Certain government agencies specified in legislation.
5. An accrediting agency in carrying out its function.
6. In emergency situations where the health or safety of the student or others is involved.
7. Educational surveys where individual identification is withheld.
8. In response to a judicial order.
9. In a campus directory after the student has deletion options.
10. In connection with financial aid.

Students may request, in writing, an opportunity to review their official educational records maintained by the university. Educational records excluding student access are:

1. Confidential letters and statements of recommendation which were placed in the record before January 1, 1975.
2. Medical and psychological information.
3. Private notes and procedural matters are retained by the maker or substitutes.
4. Financial records of parents or guardians.

Students may challenge any data in their educational record that is inaccurate or misleading. The student must submit the challenge in writing as stated below. For more information about educational records maintained by the university, students should contact the registrar.

Directory Information

The university may release directory information to parties having a legitimate interest in the information. Directory information consists of the following: student name, address, telephone listing, date and place of birth, major field of study, participation in officially recognized activities and sports, weight and height of athletes, date of attendance, degrees and awards received, and most recent previous educational agency or institution attended by the student. Mailing lists of Florida Memorial University students will not be provided outside the university community except to the U.S. Department of Defense for military recruiting purposes as required by the Solomon Amendment. Students who wish to exercise their rights under the law to refuse to permit release of any or all the categories of personally identifiable information with respect to themselves must notify the registrar in writing, preferably before completion of registration for the first term of enrollment for that academic year.

Student Review of Records

To review his or her student records, a student must submit a written request to the registrar. Request forms for such a hearing and information about the procedures to be followed are available in the registrar's office. Access will be made available within 45 days of receipt of the written request. Certified transcripts may be withheld if a student has not met all obligations to the university. After inspection of a record, the student has the right to challenge any material which may be inaccurate or misleading or which violates the student's privacy. The student may do so by requesting the correction or deletion of such information in writing on the

above-listed form. This appeal may be handled in a formal meeting with the party, or parties concerned or through a formal hearing procedure. Formal hearing procedures are as follows:

- a. The hearing shall be conducted and decided within a reasonable period following the request for a hearing.
- b. The hearing shall be conducted, and the decision rendered by an institutional official or other party who does not have a direct interest in the outcome of the hearing.
- c. The student shall be offered a full and fair opportunity to present evidence relevant to the issues raised.
- d. The decision shall be rendered in writing within a reasonable period after the conclusion of the hearing.

Note: A hearing may not be convened to contest grades. The grade appeal procedures are listed in the Grade Appeal policy of the catalog.

Student's Written Consent to Release Educational Records

Written consent by the student to release educational records to a third party must specify the records to be released and the recipient of such records. Request forms for the release of appropriate records are available in each office containing educational records.

Notifications to Parents

Parents may obtain non-directory information (grades, GPA, etc.) only at the discretion of the institution and after it has determined that the child is legally their dependent. Florida Memorial University recognizes the importance of support and interest of parents and families of students in all areas of the college program. Students are encouraged to share information about their experiences and programs with their families. In keeping with the philosophy, it is not Florida Memorial University's policy to disclose non-directory information based solely on dependent status. Parents may also acquire non-directory information by obtaining and presenting signed consent from their child.

Further information relating to the Buckley-Pell Amendment to the Family Education Rights and Privacy Act of 1974 (FERPA) may be obtained by contacting the Registrar, Florida Memorial University, 15800 NW 42nd Avenue, Miami Gardens, Florida 33054.

Veterans Affairs

Florida Memorial University maintains a Veterans Affairs Office as part of the Registrar's Office to assist veterans and dependents of veterans who are entitled to V.A. educational benefits under Chapter 30, 32, 33 or Chapter 35 of Title 38, U.S. Code and Chapter 106, Title 10, USC.

Standards of Progress Policy for Veterans

Students are in good academic standing when their cumulative grade point average is a minimum of a 2.0. Florida Memorial University's policies on academic warning, probation and suspension are based on the potential that students can overcome academic difficulty and make appropriate progress toward a degree.

Termination of Veterans Benefits

A student receiving Veterans Educational Benefits who is placed on academic warning must regain a cumulative grade point average of 2.0 or better at the end of the semester following the notification. If, at the end of this semester, the cumulative grade point average is below 2.0, the U.S. Department of Veterans Affairs will be notified concerning termination of the student's veteran's educational benefits.

Florida Memorial University's Policy on Protection of VA Educational Benefit Students

Florida Memorial University recognizes that students using U.S. Department of Veterans Affairs (VA) education benefits may encounter situations where payments to the institution and the individual are delayed through no fault of the student. This policy recognizes and makes appropriate allowances for students in such situations; it applies to all university schools and programs.

It is Florida Memorial University's practice and policy to not impose penalties on individuals using Veteran Education Benefits, including the assessment of late fees, the denial of access to classes, libraries or other institutional facilities, or the requirement to borrow additional funds to cover the student's inability to meet his or her financial obligations to the institution due to the delayed disbursement of a payment by the VA. This policy applies to individuals who submit their Certificate of Eligibility for entitlement to educational assistance to our VA School Certifying Official (SCO).

1. Students should submit a Certificate of Eligibility not later than the first day of Registration for which the student wishes to use the entitlement for educational assistance. The SCO will advise the students to provide additional documentation and information necessary for the proper certification of enrollment.
2. If a student does not receive their Certificate of Eligibility from the VA by the start of the academic term, the student should notify their SCO of their intent to use Veteran Education Benefits and should submit additional documentation and forms as requested.
3. In cases where a student is unable to meet a financial obligation to the university because the amount of a disbursement from the VA is less than anticipated, the university will require additional payment from the student and will provide the student with a timeline for payment before assessing late fees. Students should contact their SCO for assistance.
4. Students may request certification for previous academic terms if they were eligible for benefits at the time for which they want to be certified. In cases where Veteran Education Benefits are used to certify previous academic terms, students are responsible for any late fees incurred prior to the date of the certification request.

The point of contact for this policy is the Office of the Registrar. Students may contact the office at (305) 626-3752 or visit our website at www.fmu.edu or contact the University's School Certifying Official at (305) 626-3754 for guidance and assistance.

Definitions

Veteran Education Benefits: Education benefits provided by the Department of Veterans Affairs (VA) to eligible Service Members, veterans, and certain dependents and survivors. Beneficiaries may receive financial support for undergraduate and graduate degrees, vocational and technical training, licensing and certification tests, apprenticeships, on-the-job training, and more.

Certificate of Eligibility Letter from the VA issued to an eligible individual showing approval to pursue a stated program of education at an institution, the remaining entitlement of the eligible individual, and the ending date of the eligible individual's eligibility.

School Certifying Official (SCO): Person on campus, typically within the Registrar's office, who reports student status and progress to VA.

Documentation: Substantiating proof of Military Service that will vary from case to case and that may include (but is not limited to) the following:

- A DD 214 Certificate of Release or Discharge from Active Duty.
- A copy of duty orders prepared by the facility where the orders were fulfilled carrying an endorsement indicating completion of the described service.
- A letter from the commanding officer of a personnel support activity or from someone of comparable authority.
- A certificate of completion from military training school.
- A discharge certificate showing character of service.

University Library

The mission of the Nathan W. Collier Library is to provide resources and instructional materials in support of the transmission and exchange of scholarly information. The library evaluates its programs, collections, technology, service delivery, and other activities on a regular basis, in order to meet the challenges of a changing technological and global society. The library seeks to be both an educational resource center for the university community, and a learning organization that constantly works to maximize its effectiveness in accomplishing its mission.

Office of Research, Grants and Innovation

The Office of Research, Grants and Innovation supports FMU's research and creative activity by administering research funding, ensuring research integrity for both faculty and students, providing grant support services, fostering collaboration, and overseeing regulatory compliance.

The mission of the Office of Research, Grants and Innovation is to bring together experts across the University to push the boundaries of discovery and find solutions to real life societal challenges through research, education, and engagement with communities and industries.

The Office of Research, Grants and Innovation is committed to:

1. Promoting excellence in research by providing:
 - Seed funding for promising research and creative activity
 - Research grant proposal processing
 - Proactive opportunities for sponsored research
 - Protection and licensing of intellectual property
 - Scale-up and commercialization of ideas, and
 - Recognition of research excellence in faculty
2. Oversees the ethical conduct of research, including conflict of interest
3. Implements university policies relevant to research and creative activities
4. Enhances the safety of researchers and research subjects
5. Assures compliance with state and federal regulations regarding research

Core Curriculum- General Education

The purpose of the core curriculum is to expose students to a common body of knowledge (General Education) which will establish the foundation for upper-level courses. The core curriculum is also designed to ensure that students have some exposure to the content and methods of inquiry in the major subject fields in a liberal arts education. The core curriculum follows:

Area	Courses	Credits	Prerequisites
Orientation to University Life and the Disciplines		4	
	FMU 101 – University 101	2	[none]
	XXX FMU102 - Thinking Critically about (the specific major)	2	FMU 101, REA 101
College Study Skills		3	
	REA 101- College Reading	3	a score of 106 or higher on the Reading section of the PERT
Communication Skills		9	
Oral Communications			
	COM 103 Introduction to Public Speaking	3	[none]
Written Communications			
	ENG 101 College Writing I ENG 104H	3	
	ENG 102 College Writing II ENG 105H	3	Score of 6 or higher on the Writing/Essay section of the PERT or Grade of C or higher in ENG 101/ENG 104H
Math, Analytical Skills, Computation, and Tech		9	

Math, Analytical Skills, and Computation		[6]	
[STEM and Business Majors]	MAT 110 Intermediate Algebra	3	
	MAT 111 College Algebra	3	Grade of C or higher in MAT 110 or score of 123-150 on the PERT
[Education Majors]	MAT 110 Intermediate Algebra	3	
	MAT 114 Finite Mathematics	3	Grade of C or higher in MAT 110 or score of 123-150 on the PERT
[Social Science and Arts and Humanities Majors]	MAT 106 Mathematics for the Liberal Arts I	3	
	MAT 107 Mathematics for the Liberal Arts II	3	Grade of C or higher in MAT 106 or score of 123-150 on the PERT
Technology		[3]	
	CSC 101 Introduction to Computers	3	[none]
	CSC 202H Technology (Honors)	3	[none]
[Education Majors]	EDU 207 Instructional Tech		
World Languages		6	
	SPA 201 Elementary Spanish I	3	[none]
	SPA 202 Elementary Spanish II	3	Grade of D or higher in SPA 201
	[two semesters of another language may be substituted, upon availability]		
Society and Global Inquiry		6	
<i>Nine credits must come from Humanities/Fine Arts and 15 credits from Social /Behavioral Sciences, not to include African American History</i>			
Humanities/Fine Arts		[3]	
	ARH 200 Art Appreciation	3	[none]
	DRA 200 Drama Appreciation	3	[none]
	THE 181/182 Theatre Ensemble I/II	3	[none]
Social and Behavioral Sciences		[3]	
	PSY 200 Introduction to Psychology	3	[none]
	SOC 200 Introduction to	3	[none]

	Sociology		
[Education Majors]	SSC 102 Contemporary Society II	3	[none]
	SSC 200 Cultural Anthropology	3	[none]
	POL 200 Introduction to Political Science	3	REA 101 or score of 106 or higher on the Reading section of the PERT
Religion and Philosophical Inquiry		3	
	REL 101 Introduction to Religion	3	[none]
[Education Majors]	REL 201 Introduction to Philosophy	3	[none]
African Diaspora and the World		3	
	HIS 103/201H African American History I	3	[none]
	HIS 104/202H African American History II	3	[none]
Scientific Inquiry		3	
	BIO 101 Biological Science	3	[none]
[required for Music Majors]	ENV 101 Introduction to Environmental Science	3	[none]
	SCI 104H Insight I (Honors)	3	[none]
	[STEM majors will substitute one 3-credit, 100-level STEM course]		
TOTAL		46	
Substitutions: <i>Courses at the same or higher level that have similar learning outcomes may be substituted with the permission of the chair and dean.</i>			

Language Requirement: Non-Native French or Spanish Speakers

To ensure that students begin at the most appropriate level, FMU categorizes students into one of three language learner categories based on their prior knowledge and proficiency. The categories are: second or foreign language learners, heritage speakers, and native speakers.

Language Learner	Description
Second or Foreign Language Learners	A Second or Foreign Language Learner is an individual who studies a language different from their first language or native tongue. The learner typically acquires the new language through formal education. For example, a student born in the United States with English as their first language who moves to Miami-Dade and engages in academic studies of Spanish language. Students must successfully complete a minimum of six (6) credit hours in sequence in the same second or foreign language. The 201 and 202 courses in French and Spanish may NOT be taken through Credit by Examination or be taken simultaneously. Placement in the first university language course is determined by the highest level completed in high school; typically, one year of high school study equals one semester at the University.
Heritage Speakers	A Heritage Speaker is an individual who has acquired French or Spanish at home through family or cultural ties, distinct from the predominant language of the society where they have spent most of their life. Although they have received most of their formal education in English, heritage speakers bring a unique linguistic and cultural perspective. For example, a student born in the United States to French-speaking parents or a student who immigrated from a Spanish-speaking country in childhood would be considered a heritage speaker. Proficiency among heritage speakers varies widely, from advanced (fluent communication) to emerging (strong comprehension with limited speaking). Students must successfully complete a minimum of six (6) credit hours in sequence in the same second or foreign language. Students who understand the language but have difficulty speaking, reading, or writing the standard variety should enroll in FRE 312 and FRE 313 or SPA 323 and SPA 324. Students who are able to communicate effectively but need to strengthen their reading, writing, and knowledge of the standard variety should enroll in FRE 307 and FRE 308 or SPA 308 and SPA 311.
Native Speakers	A native speaker is an individual who acquired the language through natural immersion from birth, typically at home, and for whom that language is the predominant or official language of the society in which they have spent most of their life. They have completed most of their formal education in that language, which has solidified their proficiency and fluency. For example, a student who completed high school in a French- or Spanish-speaking country and then came to the United States for university study would be considered a native speaker. Native speakers of French or Spanish are required to complete six (6) credit hours in sequence in a foreign language. Students may satisfy this requirement in their native language by taking two 300- or 400-level civilization or literature courses.

Honors Program

The Honors Program provides an alternative academic curriculum for highly motivated students. The mission of the Honors Program is to inspire students to become leaders within both their professions and communities.

Admission Criteria

Admission to the Honors Program requires:

- High School GPA of 3.5 or above
- Letters of Recommendation
- SAT score of 1000 or better or ACT score of 23 or better

Retention in Honors Program

Students must maintain a cumulative grade point average of 3.0 or better to continue in the Honors Program. If the GPA falls below 3.0, the student will be allowed one semester to raise the GPA to the required level.

Honors Program Curriculum

Students in the Honors Program curriculum take courses which replace certain core courses of the general education curriculum. Honors students will take Honors Seminar I & II in lieu of education and life seminar requirement; Honors Mathematics I and II in lieu of core mathematics requirement; Honors English I and II in lieu of core English requirements and Reading 101; Insight I and II in lieu of core science requirements; Technology (honors) in lieu of Introduction to Computers; African American History I and II. Please see the Honors Advisor for approval upon satisfactory completion of courses.

First Year

ENG 104H	Honors English I	3
MAT 110H	Honors Mathematics I	3
SCI 104H	Insight I (Science)	3
SEM 101H	Honors Seminar I	1
MAT 111H	Honors Mathematics II	3
ENG 105H	Honors English II	3

School of Arts and Sciences

The School of Arts and Sciences represents the academic heart of the institution by offering courses in the Arts and Humanities; Social Sciences; Aviation; Health and Natural Sciences; Computer Science, Mathematics, and Technology thereby sitting at the intersection of history, current discourses, and new approaches to scholarships. Embedded within the core values of our school is a desire to educate and therefore empower undergraduate students with an ability to contribute to an increasingly global society and positively impact their communities.

Department of Arts and Humanities

The Department of Arts and the Humanities offers majors in three programs: Communications (Broadcasting, Public Relations), Music Production, and Religion and Philosophy. The department also offers courses in English and World Languages. The humanities disciplines are unified by the unique ways of communicating and sharing human experience. The Humanities are the mirror and repository of culture. The Department of Arts and Humanities prepares students to compete successfully in global, cultural, and economic communities.

Mission Statement

The department's mission is to prepare students to successfully compete in the global, cultural, and economic community. Most importantly, the department strives to enrich the lives of the larger community of scholars and researchers, and to enhance the world around them. The Department is designed to develop individual creativity, foster self-confidence, and encourage self-expression.

Objectives

- To give students an integral knowledge of the humanities via the study of communications, modern language, and religion and philosophy
- To provide formal instruction to students who want to pursue careers in humanities professions
- To develop awareness and understanding of the role of professionals in a complex and evolving society
- To develop ideals and attitudes in students leading to professional actions that are ethically sound and integral to societal demands
- To prepare students to compete successfully in a global, cultural, and economic community
- To prepare students for admission to graduate school or professional schools and theological seminaries
- To inspire the desire and hone the abilities of students to develop and maintain high standards of performance in spoken and written communication



BACHELOR OF ARTS
Communications
with a concentration in Public Relations



SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

The Bachelor of Arts degree in Communication, with a concentration in Public Relations, prepares students for careers in business organizations, educational institutions, government agencies, medical facilities, nonprofit organizations, public relations agencies, and sports and entertainment operations, among others. The public relations major provides students opportunities to develop strategic communication, writing, and critical thinking skills that are vital in the global marketplace. The practical applications of ethics are also covered. Students learn from practicing professionals and internships.

CAREER OPPORTUNITIES

Advertising, Promotions, and Marketing Managers, Writers and Authors, Editors, Public Relations Specialists, Graphic Designers, Interpreters and Translators, TV: News Anchor, News Reporter, News Writer, Market Researcher

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
FMU	101	University 101	2
MAT	106	Math for Liberal Arts I	3
ENG	101	College Writing I	3
REA	101	Critical Thinking and Reading	3
CSC	101	Intro to Computers	3
		Humanities & Fine Arts	3
TOTAL - 1st SEMESTER			17
HUM	102	Critical Thinking In Humanities	2
MAT	107	Math for Liberal Arts II	3
ENG	102	College Writing II	3
COM	103	Intro To Public Speaking	3
REL		Religion or Philosophical Inquiry	3
		Social/Behavioral Sciences	3
TOTAL - 2nd SEMESTER			17

JUNIOR			
COM	312	News Writing and Reporting	3
COM	322	Public Relations Writing	3
COM	309	Fund Radio and TV Production	3
COM	314	Principles of Public Relations	3
COM	306	Business and Professional Speaking	3
TOTAL - 5th SEMESTER			15
COM	321	Writing for the Electronic Media	3
COM	317	Publications Design	3
COM	308	Voice and Diction	3
COM	318	Public Relations Cases	3
COM	323	Organizational Communication	3
TOTAL - 6th SEMESTER			15

SOPHOMORE			
Prefix	Course No.	Course	Credits
HIS		African Diaspora and the World	3
		Scientific Inquiry	3
COM	206	Communication Theory	3
	201	World Language I	3
BUS		Business Elective	3
		Elective	3
TOTAL - 3rd SEMESTER			18
	202	World Language II	3
COM	310	Intro to Mass Communications	3
COM	312	News Writing and Reporting	3
MAR		Marketing Elective	3
COM		Communication Elective	3
		Elective	
TOTAL - 4th SEMESTER			15

SENIOR			
COM	423	Public Relations Campaigns	3
COM	320	International Public Relations	3
COM	422	Communication Research	3
COM	344	Diversity In Mass Communications	3
TOTAL - 7th SEMESTER			12
COM	325	Public Opinion and Propaganda	3
COM	442	Media Law and Ethics	3
COM	495	Senior Project	3
COM	427	Communications Internship	3
TOTAL - 8th SEMESTER			12

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

Bachelor of Arts in Communication – Public Relations

Program Goals

Graduates of public relations will:

- Understand the role of liberal arts education to long-term success in the public relations profession
- Possess communication skills, such as the ability to write clearly and cogently, and the ability to deliver effective oral presentations
- Critically evaluate the social, cultural, and historical impact of media
- Develop an awareness and appreciation of ethical issues in public relations
- Applying ethical principles to their careers
- Demonstrate the skills required to produce professional content for various media platforms

Student Learning Outcomes

Graduates of the Public Relations Concentration will demonstrate:

- Solid writing skills in media and public relations formats, such as media alerts, news releases, PSAs, strategic and tactical public relations campaign materials and plans, etc.
- Communication skills needed to build and maintain excellent client relationships, including organizational communications and business presentations
- Understanding and expertise of public relations functions including message development, problem analysis, strategic planning, and tactical outcomes
- Knowledge of the history and function of the news media and the necessary skills to work with members of the media under both proactive and reactive circumstances
- How ethical principles are implemented in a variety of public relations situations
- Written and oral proficiency in their senior projects

Graduation Requirements

This degree program requires a minimum of 121 semester hours for completion. All students majoring in Public Relations must earn a grade of “C” or better in all Communication courses.



BACHELOR OF ARTS

Communications

with a concentration in TV Broadcast



FMU
FLORIDA MEMORIAL UNIVERSITY

SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

The Communications program offers an undergraduate major and minor in public relations. Future majors will include news editorial, online journalism/new media, broadcasting (radio, television, film), visual and multimedia communication (photography, graphic arts, desktop publishing), advertising, and speech.

CAREER OPPORTUNITIES

Advertising, Promotions, and Marketing Managers, Writers and Authors, Editors, Public Relations Specialists, Graphic Designers, Interpreters and Translators, TV: News Anchor, News Reporter, News Writer, Market Researcher

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
FMU	101	University 101	2
MAT	106	Math for Liberal Arts I	3
ENG	101	College Writing I	3
REA	101	Critical Thinking and Reading	3
CSC	101	Intro to Computers	3
		Social/Behavioral Sciences	3
TOTAL - 1st SEMESTER			17
HUM	102	Critical Thinking In Humanities	2
MAT	107	Math for Liberal Arts II	3
ENG	102	College Writing II	3
COM	103	Intro To Public Speaking	3
REL		Religion or Philosophical Inquiry	3
		Humanities & Fine Arts	3
TOTAL - 2nd SEMESTER			17

SOPHOMORE			
Prefix	Course No.	Course	Credits
HIS		African Diaspora and the World	3
		Scientific Inquiry	3
COM	206	Communication Theory	3
COM	308	Voice and Dictation	3
BUS		Business Elective	3
	201	World Language I	3
TOTAL - 3rd SEMESTER			18
	202	World Language II	3
COM	310	Intro to Mass Communications	3
COM	312	News Writing and Reporting	3
		Elective	3
		Elective	3
TOTAL - 4th SEMESTER			15

JUNIOR			
MAR		Marketing Elective	3
COM	326	TV News Reporting	3
COM	309	Fundamentals of Radio and TV Production	3
COM	314	Principles Of Public Relations	3
COM	317	Publications Design	3
TOTAL - 5th SEMESTER			15
COM	321	Writing for the Electronic Media	3
COM	323	Organizational Communications	3
COM	306	Business and Professional Speaking	3
COM	325	Public Opinion and Propaganda	3
COM	305	Broadcast Management	3
TOTAL - 6th SEMESTER			15

SENIOR			
COM	422	Communication Research	3
COM	344	Diversity in Mass Communications	3
COM	329	TV Production	3
COM		Major Elective	3
TOTAL - 7th SEMESTER			15
COM	442	Media Law and Ethics	3
COM	495	Senior Project	3
COM	406	TV Practicum	3
COM	427	Communications Internship	3
TOTAL - 8th SEMESTER			12

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

Bachelor of Arts in Communication –Television Broadcasting

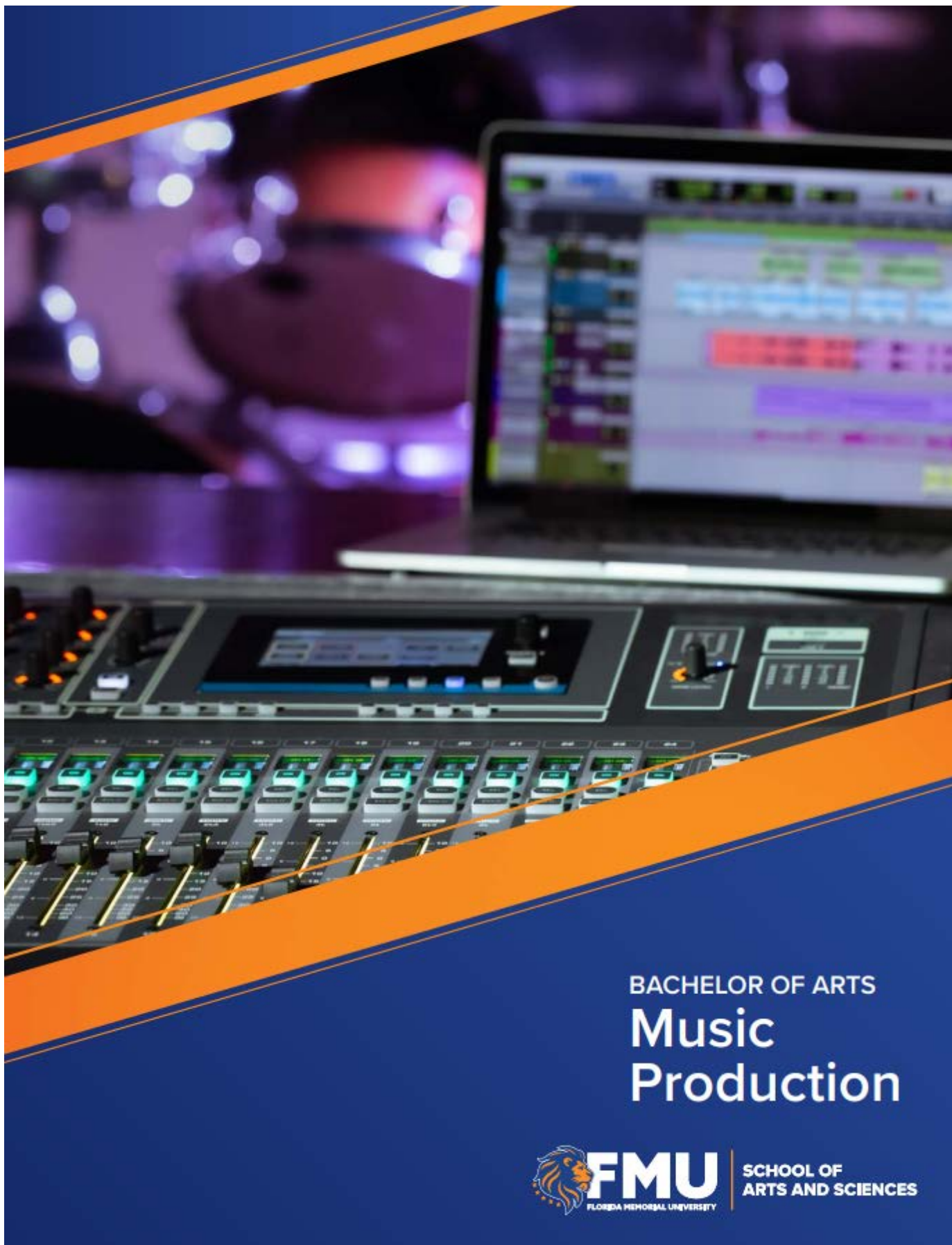
Student Learning Outcomes

Graduates of the Broadcasting Concentration will:

- Write broadcast scripts, news stories and features proficiently and correctly in styles and forms appropriate for the various communication audiences, and develop portfolios of broadcast projects using appropriate techniques and technologies
- Apply ethical principles, laws of freedom of speech and press, and constitutional guarantees to the communications professions
- Conducting research and evaluating information using appropriate methods relevant to communication professions
- Develop strategic communication, writing, critical thinking, broadcast communication and production skills. Acquire on-the-job experience under the joint supervision of an employer and the Dean/Department Chair.

Graduation Requirements

The degree requires a minimum of 121 semester hours for completion. Students must earn a grade of “C” or better in all Communication courses.



BACHELOR OF ARTS
**Music
Production**



SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

The Music Production program emphasizes the creative and technical foundations of music creation. It is designed to prepare students for careers in the music and entertainment industries through an integrated approach to music theory, composition, arranging, audio engineering, and digital production. The program encourages artistic innovation while developing strong technical proficiency with industry-standard tools and software.

CAREER OPPORTUNITIES

Music Producer
Recording Engineer

Film/TV Composer
Video Game Composer

Songwriter
Live Sound Engineer

Mixing Engineer
Audio Technician

DEGREE CHECKLIST

GENERAL EDUCATION - CORE REQUIREMENTS			MAJOR COURSES		
Course No.	Course	Credits	Course No.	Course	Credits
FMU 101	University 101	2	MUS 100	Music Fundamentals	3
ENG 101 & 102	College Writing	6	MUP 100	Audio Foundations	3
MAT 106 & 107	Mathematics for the Liberal Arts	6	MUS 101	Structures of Music I	3
CSC 101	Intro to Computers	3	MUS 102	Structures of Music II	3
HIS 103	African American History I	3	MUS 111	Sight Singing/ Ear Training I	2
HIS 104	African American History II	3	MUS 112	Sight Singing/ Ear Training II	2
HUM 102	Thinking Critical in Humanities	2	MUS 221/370	African Diaspora Music/ History of Popular Music	3
XXX 201	World Language	3	MUB 311	Computers & Music	3
XXX 202	World Language	3	MUP 201	Pro Tools Workshop	3
COM 103	Intro to Public Speaking	3	MUB 301	Intro to Music Business	3
	Social/Behavioral Sciences	3	MUP 300	Production I: Recording Techniques	3
REL XXX	Religion or Philosophical Inquiry	3	MUP 301	MIDI Techniques & Synthesizers	3
	Scientific Inquiry	3	MUB 331	Copyright & Publication	3
	HUM/ VPA Inquiry	3	MUP 302	Production II: Mixing and Mastering	3
43 TOTAL CREDITS			MUP 303/304	Live Sound Production/ Acoustics	3
ELECTIVE REQUIREMENTS (FOR MINOR OR EXPLORATION)			MUP 400	Production III: Creative Practices	3
	Elective 1	3	MUP 401	Digital Arranging & Orchestration	3
	Elective 2	3	MUP 402	Music Marketing & Promotions	3
	Elective 3	3	MUP 403	Production IV: Music for Media	3
	Elective 4	3	MUS 494	Music Internship	3
	Elective 5	3	MUS 493/487	Final Capstone Project & Major Applied Recital	4
	Elective 6	3			
18 TOTAL CREDITS			62 TOTAL CREDITS		

For more information please contact the School of Arts & Sciences at (305) 623-1400 or natosha.king@fmuniv.edu

REVISED SPRING 2025 06/04/2025

Bachelor of Arts in Music Production

Program Goals

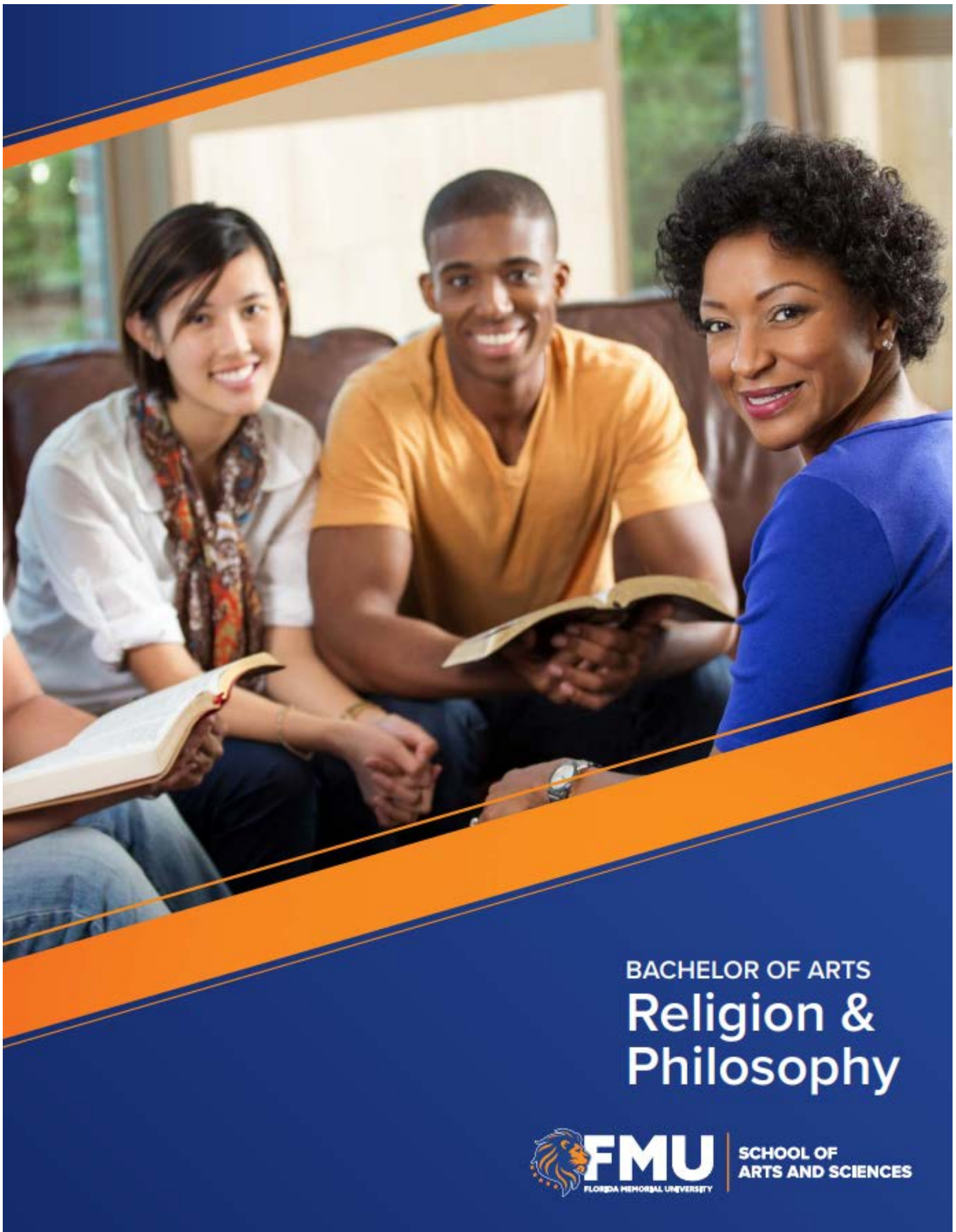
- Engage and lead in the application of advanced music production technologies, ensuring students are well-equipped to innovate and excel in professional music production environments.
- Apply and communicate music production skills effectively in collaborative settings, preparing students for diverse roles and lifelong learning in the music industry.
- Foster a profound understanding of the cultural, historical, and business contexts in which music production operates, emphasizing ethical practices and industry awareness.

Student Learning Outcomes

- Master the use of essential music production technologies, equipping students with the skills to navigate and innovate within professional music production environments.
- Develop the ability to compose, arrange, and produce music across diverse genres, applying both creative artistry and technical proficiency, and collaborate effectively in team settings to meet professional standards.
- Develop a solid foundation in music theory and aural skills essential for professional musicianship, enabling students to perform rigorous musical analysis and apply these techniques in practical music composition.
- Acquiring comprehensive knowledge of the music industry's structure and operations, prepare students to effectively manage, make informed decisions, and excel in music business endeavors.
- Develop proficiency in integrating music within various multimedia contexts and communicate effectively in diverse media settings, preparing for comprehensive career opportunities.
- Explore and understand the historical and cultural dimensions of music, enhancing creative insight and the ability to produce culturally informed work.

Graduation Requirements

The degree requires a minimum of 123 semester hours for completion. Students must earn a grade of “C” or better in all Music courses.



BACHELOR OF ARTS
**Religion &
Philosophy**



FMU
FLORIDA MEMORIAL UNIVERSITY

SCHOOL OF
ARTS AND SCIENCES

BACHELOR OF ARTS Religion & Philosophy



PROGRAM DESCRIPTION

This degree program is designed for students who wish to pursue graduate studies or careers in various fields of ministry, parachurch organizations, non-profits, and can also serve as a foundation for several other career fields.

CAREER OPPORTUNITIES

Administrative Coordinator, Charity Coordinator, Child & Youth Worker, Clergy person/Pastor/Chaplain, Community Center Director, Human Rights Advocate, International Aid Worker, Journalist (e.g., Religious New Service), Non-Profit Administrator, Political Consultant, Public Policy Advisor, Researcher (e.g., Public Religion Research Institute or PRR), Social Service Worker.

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
FMU	101	University 101	2
MAT	111	College Algebra	3
ENG	101	College Writing I	3
CSC	101	Intro to Computers	3
REL	101	Intro to Religion	3
REA	101	Critical Thinking & Reading	3
TOTAL - 1 st SEMESTER			17
HUM	102	Critical Thinking in Humanities	2
ENG	102	College Writing II	3
HIS		African Diaspora and the World	3
REL	201	Intro to Philosophy	3
COM	103	Intro to Public Speaking	3
TOTAL - 2 nd SEMESTER			14

SOPHOMORE			
Prefix	Course No.	Course	Credits
		Social/Behavioral Sciences	3
REL	202	Philosophy of Religion	3
REL	206	Old Testament Survey	3
		Humanities/Fine Arts	3
		Scientific Inquiry	3
	201	World Language I	3
TOTAL - 3 rd SEMESTER			18
REL	207	New Testament Survey	3
PHI	311	Ancient Philosophy	3
REL	310	The Psalms	3
		Approved Elective	3
		Approved Elective	3
TOTAL - 4 th SEMESTER			15

JUNIOR			
Prefix	Course No.	Course	Credits
REL	313	Life & Letters of Paul	3
PHI	331	Contemporary Ethics	3
PHI	341	Logic	3
PHI	312	Western Philosophy	3
PHI	351	Pastoral Ministry	3
TOTAL - 5 th SEMESTER			15
REL	402	8th & 7th Century Prophets	3
REL	410	Homiletics	3
		Approved Elective	3
		Approved Elective	3
		Approved Elective	3
TOTAL - 6 th SEMESTER			15

SENIOR			
Prefix	Course No.	Course	Credits
REL	463	Black Theology Seminary	3
REL	434	Life of Christ	3
REL	473	Systematic Theology I	3
REL	405	Internship I	3
		Elective	3
TOTAL - 7 th SEMESTER			15
REL	474	Systemic Theology II	3
REL	432	Christian Ethics	3
REL	406	Internship II	3
REL	495	Senior Project	3
TOTAL - 8 th SEMESTER			12

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

Bachelor of Arts in Religion & Philosophy

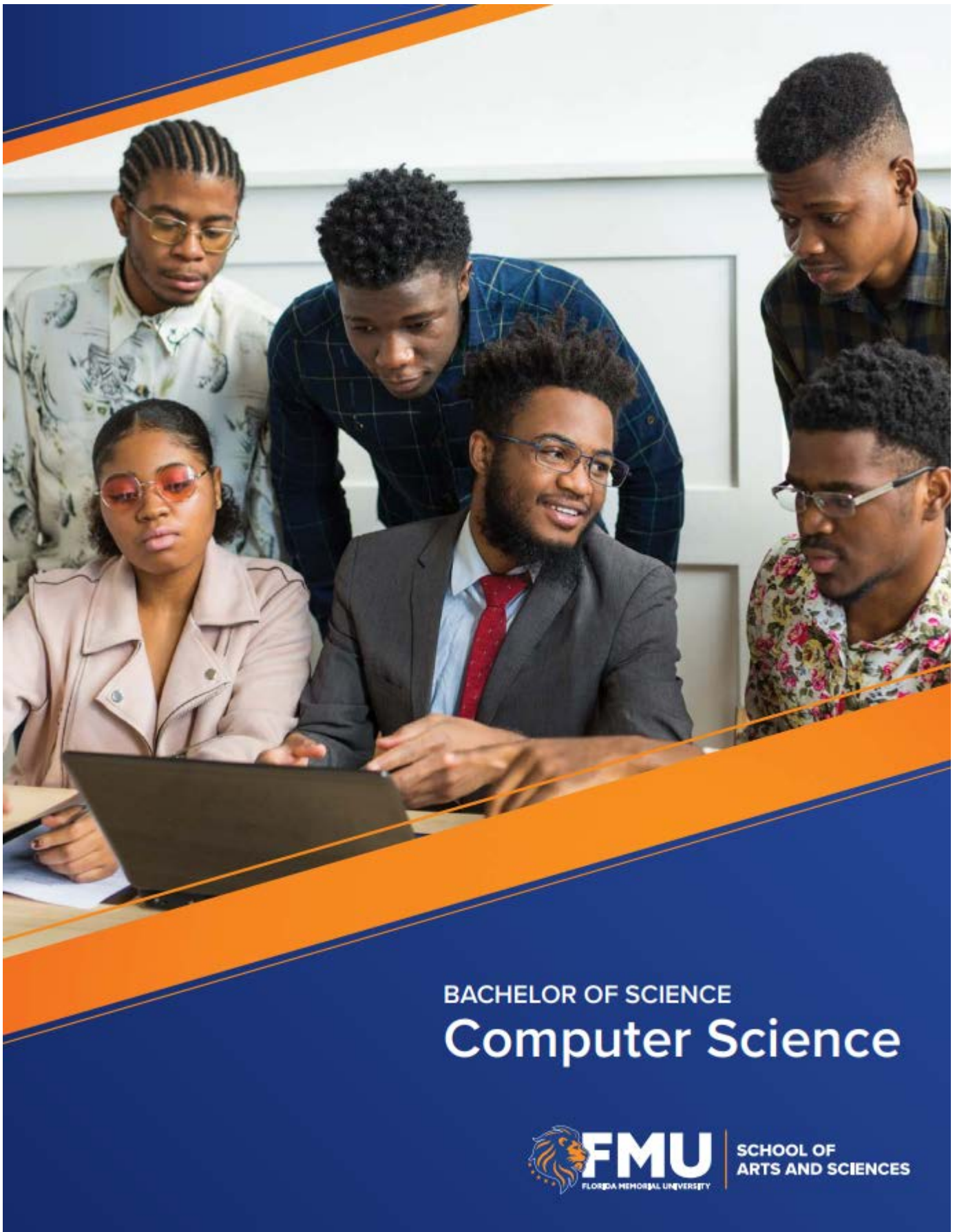
The Bachelor of Arts degree in Religion and Philosophy supports the University's Mission in that it prepares students for a broad spectrum of leadership positions within the varied fields of the ministry and gives them a broad-based knowledge in philosophy that prepares them for various careers. This specialized program is carefully designed to train students in the bible, theology, Western philosophy, and counseling, and help students acquire basic cultural literacy, enhance their abilities to articulate and reflect on the fundamental problems of human existence. Students are also given the basic tools necessary for further study at graduate or professional schools in philosophy or at theological seminaries.

Program Goals

1. Prepare students for seminary or graduate school in religion, theology, and/or philosophy, a variety of leadership positions in a wide range of Christian ministries, including parish/congregation ministry, para-church ministry, chaplaincy, mission work at home and abroad, and other forms of church vocation.
2. Enable students to understand the broad and varied interrelationship of religion, philosophy, and culture (including music, art, media, law, and diverse forms of popular culture).

Student Learning Outcomes

1. Students will be capable of bringing rigorous biblical, theological, and philosophical reasoning to bear on "real-world" issues.
2. Student will understand the role religious beliefs and practices play in matters of social justice, particularly the African American legacy of struggle for equality.
3. Students will be able to describe and discuss major events and concepts in Christian history and describe the concepts that comprise a religious worldview such as the creation of the world, good and evil, salvation, and the meaning of suffering.
4. Students will be familiar with biblical methods of study, criticism, hermeneutics, sermon preparation and delivery.
5. Students will demonstrate general knowledge and practical training of pastoral visitation and counseling, planning liturgy, and effective church/ministry leadership.



BACHELOR OF SCIENCE
Computer Science



SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

The focus of the Computer Science program is not only to teach students techniques and tools required in the industry, but also how to think logically and to be able to analyze and solve complicated problems. Students are taught the core principles of computer science, software systems, analytical problem-solving, leadership, and ethical decision-making.

CAREER OPPORTUNITIES

Once this foundation is instilled and skills are perfected, the career choices in the field are virtually endless: Software Developers, Architects and Engineers, Web and System Developers, Programmers and Business Analysts, System Administrators, Application Support and Computer Systems Analysts, Information Technology Specialists, and many more. Upon graduation, our students are prepared for the competitive workforce. The average annual salary for computer science graduates in the United States is approximately \$133,937¹.

DEGREE CHECKLIST

GENERAL EDUCATION - CORE REQUIREMENTS		
Course No.	Course	Credits
FMU 101	University 101	2
CMT 102	Critical Thinking Info Age	2
ENG 101	College Writing I	3
ENG 102	College Writing II	3
COM 103	Intro To Public Speaking	3
HIS XXX	African Diaspora And The World	3
REL XXX	Religion And Philosophical Inquiry	3
XXX 201	World Languages I	3
XXX 202	World Languages II	3
XXX 200	Society & Global Inquiry (SOC/PSY)	3
XXX 200	Society And Global Inquiry (HUM/VPA)	3
CSC 101	Intro To Computers	3
TOTAL		34

OTHER REQUIRED COURSES		
Course No.	Course	Credits
MAT 112	Precalculus	3
MAT 113	Trigonometry	3
MAT 201	Calculus I	3
MAT 202	Calculus II	3
MAT 205	Probability & Statistics	3
MAT210	Discrete Mathematics	3
MAT3##	Advanced Mathematics Course	3
	Laboratory Science I w/ Labs	5
	Laboratory Science II w/ Labs	5
	Elective	3
TOTAL		34

REQUIRED MAJOR COURSES		
Course No.	Course	Credits
CSC 230	Computer Programming I	3
CSC 330	Computer Programming II	3
CSC 335	Data Structures	3
CSC 341	Computer Organization	3
CSC 360	Computer Operating Systems	3
CSC 375	Network & Data Communication	3
CSC 385	Artificial Intelligence	3
CSC 395	Software Engineering Principles	3
CSC 405	Programming Languages	3
CSC 430	Computer Programming III	3
CSC 475	Complexity & Anal Of Algorithms	3
CSC 483	Database Management Systems	3
CSC 490	Computer Ethics	3
CSC 493	Computer Security	3
CSC 494	Project Development	3
CSC 460	Senior Project	3
	Advance Computer Elective	3
	Advance Computer Elective	3
TOTAL		54



Computing
Accreditation
Commission

The BS in Computer Science Program at FMU is accredited by the Computing Accreditation Commission of ABET.

¹ZipRecruiter

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

REVISED 05/30/2025

Bachelor of Science in Computer Science

The Bachelor of Science degree in Computer Science (CS) prepares students for technical leadership in the information technology industry and for continuing toward an advanced degree and research in Computer Science.

The study of Computer Science exposes students to a broad range of fundamental concepts: in programming, data structures, operating systems, database systems, computer architecture, and software engineering. The major may lead to careers as computer programmers, system analysts, software engineers, networking engineers, web developers, database administrators, or systems programmers. This degree is ideal for students who are planning to continue their studies to achieve careers in academics and research in the field of Computer Science.

Mission

The mission of the Computer Science program is to produce professionally knowledgeable and well-rounded graduates who are prepared to meet the ethical and social obligations in the field of information technology.

Program Goals

The Computer Science program will produce leaders who, within three to five years of graduation, will

1. Engage and provide leadership in analytical problem-solving in the computer science environment.
2. Apply and communicate computer science principles and systems knowledge effectively and professionally.
3. Engage in lifelong learning experiences; and
4. Demonstrate ethical decision-making and a commitment to service to society and to the Computer Science profession.

Student Learning Outcomes

Graduates of the computer science program will have the ability to:

1. Analyze complex computing problems and apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the computer science program.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the computer science program.
6. Apply computer science theory and software development fundamentals to produce computing- based solutions.

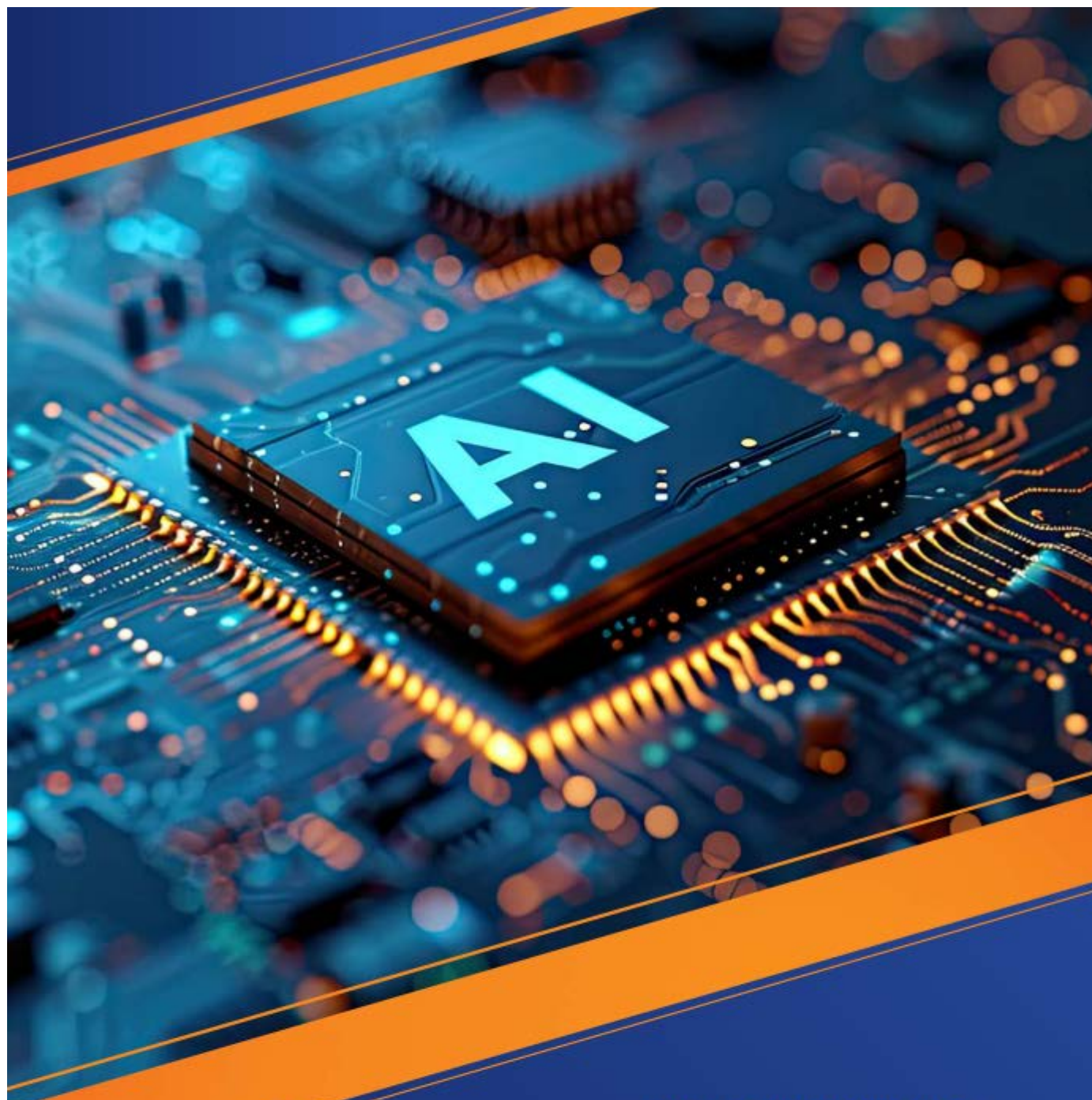
Graduation Requirements

This degree program requires a minimum of 122 semester hours for completion.

Minor in Computer Science

Note: The following courses constitute a minor in Computer Science. Students must ensure that all prerequisites necessary for the courses listed below are met, including mathematics requirements:

- CSC335 Data Structures
- CSC341 Computer Organization
- CSC360 Computer Operating System
- CSC430 Computer Programming III
- CSC375 Networks and Data Communications
- CSC405 Programming Languages



BACHELOR OF SCIENCE
Artificial Intelligence



FMU
FLORIDA MEMORIAL UNIVERSITY

SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

The Bachelor of Science degree in Artificial Intelligence prepares students for careers as data scientists who develop applications and systems using AI and machine learning techniques to solve real-world problems. Their work often involves analyzing large datasets to uncover patterns and make predictions, statistical analysis, artificial intelligence, and machine learning.

CAREER OPPORTUNITIES

AI Engineer, Machine Learning Engineer, Data Scientist, Data Analyst, AI Product Manager, Computer Vision Engineer, Natural Language Processing Engineer, Robotics Engineer. The average annual salary for AI engineers in the United States is approximately \$101,752¹.

DEGREE CHECKLIST

GENERAL EDUCATION - CORE REQUIREMENTS		
Course No.	Course	Credits
FMU 101	University 101	2
CMT 102	Critical Thinking Info Age	2
ENG 101	College Writing I	3
ENG 102	College Writing II	3
COM 103	Intro To Public Speaking	3
HIS XXX	African Diaspora And The World	3
REL XXX	Religion And Philosophical Inquiry	3
XXX 201	World Languages I	3
XXX 202	World Languages II	3
XXX 200	Society & Global Inquiry (SOC/PSY)	3
XXX 200	Society And Global Inquiry (HUM/VPA)	3
CSC 101	Intro To Computers	3
MAT 111	College Algebra	3
	Scientific Inquiry I And II with Lab	7
TOTAL		44

OTHER COURSES		
Course No.	Course	Credits
MAT 200	Applied Calculus	3
MAT 205	Probability & Statistics	3
MAT 210	Discrete Mathematics	3
MAT 315	Probability & Statistics II	3
MAT 350	Linear Algebra	3
	Elective	3
TOTAL		18

REQUIRED MAJOR COURSES		
Course No.	Course	Credits
DAT 200	Intro To AI and Data Sciences	3
CSC 230	Computer Programming I	3
DAT300	Data Analytics With R	3
CSC 330	Computer Programming II	3
CSC 333	Systems Analysis And Design	3
CSC 335	Data Structures	3
CSC 341	Computer Organization	3
CSC 385	Artificial Intelligence	3
DAT 400	Machine Learning	3
DAT 450	Deep Learning	3
CSC 456	Natural Language Processing	3
CSC 480	Robotics	3
CSC 481	Data Visualization	3
CSC 490	Computer Ethics	3
CSC 491	Applied Analytics	3
CSC 493	Computer Security	3
CSC 494	Project Development	3
CSC 460	Senior Project	3
	Approved Advance Electives	6
TOTAL		60

¹ZipRecruiter

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

REVISED 05/30/2025

Bachelor of Science in Artificial Intelligence

The Bachelor of Science degree in Artificial Intelligence prepares students for careers as data scientists who develop applications and systems using AI and machine learning techniques to solve real-world problems. Their work often involves analyzing large datasets to uncover patterns and make predictions, statistical analysis, artificial intelligence, and machine learning. Some may include designing and developing robotic systems for various industries

Program Goals

The BS in Artificial Intelligence (AI) program will produce leaders who will

1. Engage and provide leadership in analytical problem-solving in the AI environment.
2. Apply and communicate AI principles and systems knowledge effectively and professionally.
3. Engage in lifelong learning experiences.
4. Demonstrate ethical decision-making and a commitment to service to society and to the artificial intelligence profession.

Student Learning Outcomes

1. Analyze complex computing problems and apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of artificial intelligence discipline.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to artificial intelligence
6. Apply AI theory, practices, and software development fundamentals to produce computing-based solutions.

Graduation Requirements

The AI degree program requires a minimum of 122 semester hours for completion.



BACHELOR OF SCIENCE
Cybersecurity



SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

The Cybersecurity program educates students with the technical proficiency and analytical problem-solving techniques that protect organizational critical systems and infrastructure.



Florida Memorial University has been designated as a National Center of Academic Excellence in Cyber Defense recognized by the National Security Agency (NSA) of the United States of America.

CAREER OPPORTUNITIES

Graduates will be prepared to combat the threats that accompany technological advances, and the dangers that come with it, by learning critical thinking and problem-solving skills required to stay ahead. This degree prepares students for careers as Security Consultants, Engineers, Architects and Analysts, Incident Responders, Computer Forensic Experts, Security Software Developers and Auditors, and Chief Information Security Officers. The average annual salary for cybersecurity graduates in the United States is approximately \$132,962¹.

DEGREE CHECKLIST

GENERAL EDUCATION - CORE REQUIREMENTS		
Course No.	Course	Credits
FMU 101	University 101	2
CMT 102	Critical Thinking Info Age	2
ENG 101	College Writing I	3
ENG 102	College Writing II	3
COM 103	Intro To Public Speaking	3
HIS XXX	African Diaspora And The World	3
REL XXX	Religion And Philosophical Inquiry	3
XXX 201	World Languages I	3
XXX 202	World Languages II	3
XXX 200	Society & Global Inquiry (SOC/PSY)	3
XXX 200	Society And Global Inquiry (HUM/VPA)	3
CSC 101	Intro To Computers	3
MAT 111	College Algebra	3
	Scientific Inquiry	3
TOTAL		40

OTHER COURSES		
Course No.	Course	Credits
MAT 200	Applied Calculus	3
MAT 205	Probability & Statistics	3
MAT 210	Discrete Mathematics	3
	Laboratory Sciences with Lab	4
	Elective	6
TOTAL		19

REQUIRED MAJOR COURSES		
Course No.	Course	Credits
CSC 211	Fundamentals Of Cybersecurity	3
CSC 230	Computer Programming I	3
CSC 330	Computer Programming II	3
CSC 333	System Analysis & Design	3
CSC 341	Computer Organization	3
CSC 345	Web Technology	3
CSC 355	Web Programming & Design	3
CSC 360	Computer Operating Systems	3
CSC 375	Network & Data Communication	3
CSC 424	Computer Forensics	3
CSC 446	Cybersecurity Management & Compl	3
CSC 462	Cryptography and Network Security	3
CSC 467	Cybersecurity Impl. -Ethical Hacking	3
CSC 490	Computer Ethics	3
CSC 491	Applied Analytics	3
CSC 483	Database Management Systems	3
CSC 493	Computer Security	3
CSC 494	Project Development	3
CSC 460	Senior Project	3
	Advance Computer Elective	3
	Advance Computer Elective	3
TOTAL		63

¹ZipRecruiter

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

REVISED 05/30/2025

Bachelor of Science in Cybersecurity

The Cybersecurity program educates students with technical proficiency and analytical problem-solving techniques. This degree prepares students for careers as Security Consultants, Engineers, Architects and Analysts, Incident Responders, Computer Forensic Experts, Security Software Developers and Auditors, and Chief Information Security Officers.

The cybersecurity major prepares students for possible careers as computer and application security specialists, digital forensic investigators, web security specialists, network security auditors, mobile and wireless security programmers, and cybersecurity compliance professionals.

Mission

The mission of the Cybersecurity program is to produce graduates who demonstrate technical proficiency and those essential cybersecurity skills necessary to successfully develop and transition new technologies, tools, and threat mechanisms to protect organizational critical systems and infrastructure.

Program Goals

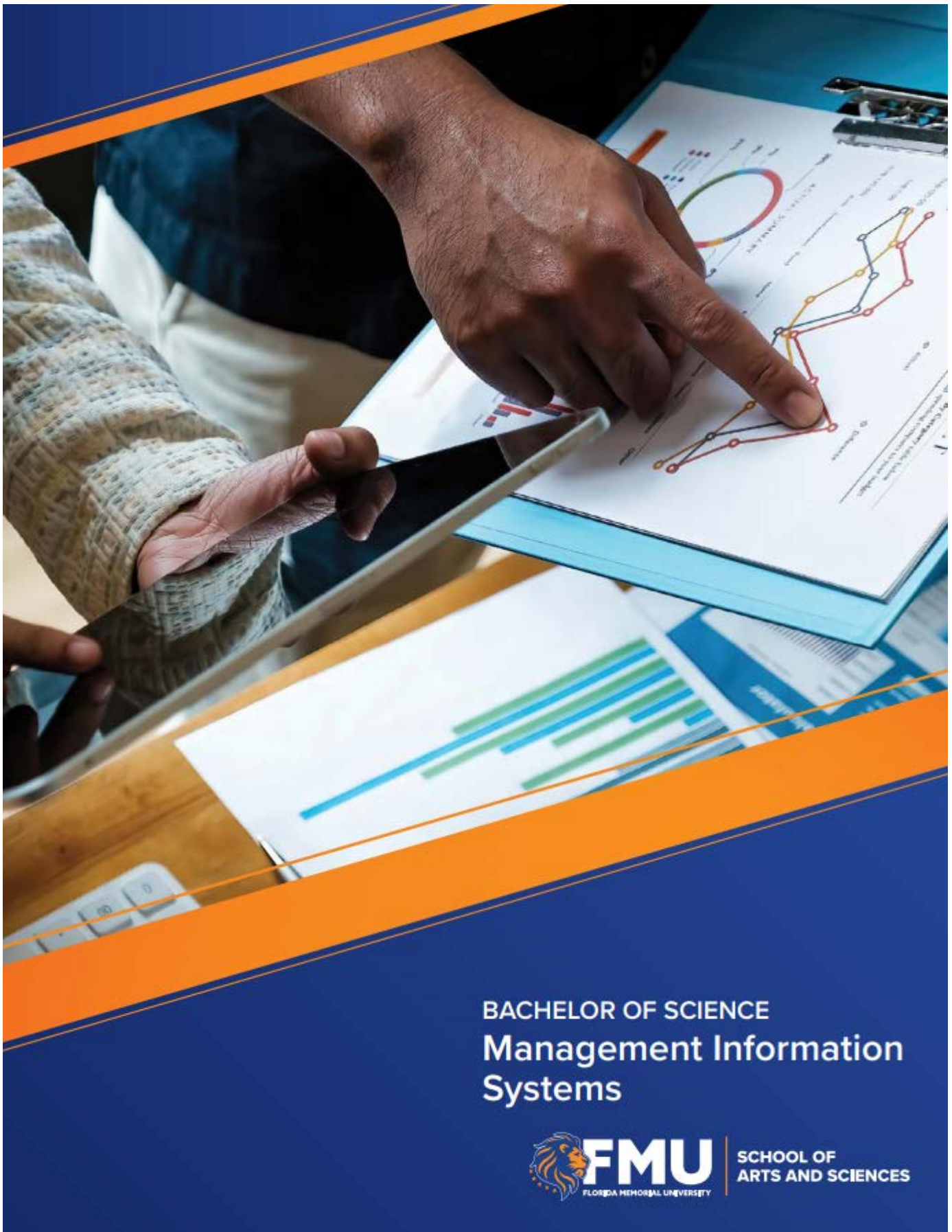
The Cybersecurity program will produce leaders who, within three to five years of graduation, will

1. Engage and provide leadership in analytical problem-solving in the cybersecurity environment.
2. Apply and communicate cybersecurity knowledge and practice effectively and professionally.
3. Engage in lifelong learning experiences; and
4. Demonstrate ethical decision-making and a commitment to service to society and to the cybersecurity profession.

Student Learning Outcomes

Graduates of the cybersecurity program will have the ability to

1. Analyze complex computing problems and apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the cybersecurity program.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the cybersecurity program.
6. Apply security principles and practices to maintain operations in the presence of risks and threats.



BACHELOR OF SCIENCE
**Management Information
Systems**



SCHOOL OF
ARTS AND SCIENCES

BACHELOR OF SCIENCE

Management Information Systems



SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

The Management Information Systems program provides students with a comprehensive understanding of both business and technology, empowering them to address business challenges and offer organizations a strategic advantage in their operations. Graduates will possess a solid foundation in these two domains and recognize how technology can effectively support the attainment of relevant goals and objectives.

CAREER OPPORTUNITIES

Business Analyst, IT Analyst, Data Analyst, Information Security Analyst, System Analyst, Web Developer, Systems Administrator, Database Administrator. The average annual salary for MIS graduates in the United States is approximately \$119,862¹.

¹ZipRecruiter



Computing
Accreditation
Commission

The BS in Management Information Systems Program at FMU is accredited by the Computing Accreditation Commission of ABET.

DEGREE CHECKLIST

GENERAL EDUCATION - CORE REQUIREMENTS		
Course No.	Course	Credits
FMU 101	University 101	2
CMT 102	Critical Thinking Info Age	2
ENG 101	College Writing I	3
ENG 102	College Writing II	3
COM 103	Intro To Public Speaking	3
HIS XXX	African Diaspora and the World	3
REL XXX	Religion And Philosophical Inquiry	3
XXX 201	World Languages I	3
XXX 202	World Languages II	3
XXX 200	Society & Global Inquiry (SOC/PSY)	3
XXX 200	Society And Global Inquiry (HUM/VPA)	3
CSC 101	Intro To Computers	3
MAT 111	College Algebra	3
	Scientific Inquiry	3
	Scientific Inquiry II with Lab	4
TOTAL		44

OTHER COURSES		
Course No.	Course	Credits
MAT 200	Applied Calculus	3
MAT 205	Probability & Statistics	3
	Advanced Computer Elective	3
	Advanced Computer Elective	3
	Elective	3
TOTAL		15

REQUIRED MAJOR COURSES		
Course No.	Course	Credits
CSC 230	Computer Programming I	3
CSC 330	Computer Programming II	3
CSC 333	System Analysis & Design	3
CSC 341	Computer Organization	3
CSC 345	Web Technology	3
CSC 355	Web Programming and Design	3
CSC 360	Computer Operating Systems	3
CSC 375	Network & Data Communication	3
CSC 445	Management Information Systems	3
CSC 460	Senior Project	3
CSC 483	Database Management Systems	3
CSC 491	Applied Analytics	3
CSC 490	Computer Ethics	3
CSC 493	Computer Security	3
CSC 494	Project Development	3
TOTAL		45

REQUIRED BUSINESS COURSES		
Course No.	Course	Credits
ACC 211	Principles of Accounting I	3
ACC 212	Principles of Accounting II	3
BUS 211	Principles Of Management	3
ECO 212	Micro-Economics	3
FIN 301	Principles of Finance	3
MAR 301	Principles of Marketing	3
TOTAL		18

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

REVISED 05/28/2025

Bachelor of Science in Management Information Systems

The Bachelor of Science degree in Management Information Systems (MIS) prepares the student for a career using information technology and the computer as tools to solve business problems and to provide organizations with strategic advantages in business operation. Graduates of the MIS program will have a firm foundation in business and technology and an understanding of the way technology helps accomplish applicable goals and objectives. The MIS major prepares students for possible careers as technical support specialists, computer operators, database administrators, database programmers, system analysts, software engineers, web programmers, network administrators, and multimedia specialists.

Mission

The mission of the MIS program is to produce graduates who demonstrate technical proficiency and those essential business skills necessary to successfully perform in various information systems environments.

Program Goals

The Management Information Systems program will produce leaders, who, within three to five years after graduation, will:

1. Engage and provide leadership in managing information systems to confront the ever-changing environment of business organization.
2. Apply and communicate information systems knowledge and practice effectively and professionally.
3. Engage in lifelong learning experiences; and
4. Demonstrate strong ethical decision-making and a commitment to service to society and the Information Systems profession.

Student Learning Outcomes

Graduates of the management information systems program will have the ability to:

1. Analyze complex computing problems and apply principles of computing and other relevant disciplines to identify solutions.
2. Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the management information systems program.
3. Communicate effectively in a variety of professional contexts.
4. Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles.
5. Function effectively as a member or leader of a team engaged in activities appropriate to the management information systems program.
6. Support the delivery, use, and management of information systems within management information systems environment.

Graduation Requirements

This degree requires a minimum of 122 semester hours for completion.

Minor in Management Information Systems

Note: The following courses constitute a minor in Information Systems. Students must ensure that all prerequisites necessary for the courses listed below are met, including mathematics requirements:

- CSC330 Computer Programming II
- CSC333 Systems Analysis & Design
- CSC360 Computer Operating Systems
- CSC375 Networks and Data Communications
- CSC483 Database Management Systems
- CSC445 Management Information Systems

Department of Health and Natural Sciences

The Department of Health and Natural Sciences offers majors in Biology, Chemistry, Environmental Science, and Healthcare, concentrations in Radiobiology and Radiochemistry, and participates in a pre-engineering program with Florida International University and dual-degree programs in Biology and Nursing with the University of Miami and Florida International University.

Mission

The Department's undergraduate program is broadly inclusive to meet the academic needs of national and international students. The department offers programs that lead to baccalaureate degrees in biology, chemistry, and healthcare; it provides courses that are suitable pre-requisite courses for students to succeed in engineering at the partnering institution, Florida International University.

The Department of Health and Natural Sciences provides a challenging and supportive environment that prepares its students for responsible participation and leadership in an ever-changing technologically advanced global society.

The Department's primary responsibility is to meet the needs of students in the fields of natural and life sciences, as well as healthcare administration. This responsibility is accomplished through teaching, community service, and scholarly activities.

Goals

The Department of Health and Natural Sciences offers baccalaureate degrees in the Health and Natural Sciences, which serve a multi-cultural student body. The Department prepares students for graduate and professional schools and for careers in scientific and health-related fields. The Department provides technical, content courses in the natural sciences for science education students, as well as courses for the general education core curriculum. The Department's curriculum and educational support systems ensure that every graduate has skills in the following areas:

- Electronic communication
- Oral and written communication skills
- Disciplinary applications of technology
- Critical thinking and analysis
- Intellectual, cultural, and spiritual development.

The Department promotes and stimulates faculty development, and faculty, staff, and student collegiality, and maintains high standards of scholarship, character, and integrity.

The Department fulfills its responsibilities with integrity, civility, and sensitivity, while promoting dignity and respect for others.

Degree Requirements

To be certified for graduation in the Department of Health and Natural Sciences, students must meet the following requirements:

1. Complete a minimum of 121 credit hours, including all general education requirements, with a minimum cumulative G.P.A. of 2.5;
2. Earn grades of “C” (2.0) or better in all science and mathematics courses; and
3. Science courses cannot be repeated more than once, and students cannot fail more than three classes in the major in an academic year.

Credits in MAT 110, 114, BIO 101, or PSC 101, or any lower -level remediation course cannot be applied toward graduation credit in any major offered by the Department.



BACHELOR OF SCIENCE
Biology



SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

A Bachelor of Science in Biology will provide all dedicated students the opportunities to develop and continue critical thinking skills, become scientifically literate, and engage in hands-on experiential learning.

CAREER OPPORTUNITIES

Myriad careers are available to students who have applied themselves to academic achievements. Graduates may enter professional school to become medical doctors, nurses, dentists, pharmacists, research scientists, educators, policy makers in environmental issues, bioengineers, and health care providers. Graduates can earn a graduate degree to increase both their income and professional standing.

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
FMU	101	University 101	2
BIO	130	Principles of Biology I	3
BIO	131	Principles of Biology I Lab	1
ENG	101	College Writing I	3
MAT	111	College Algebra	3
REA	101	Critical Thinking and Reading	3
TOTAL - 1st SEMESTER			15
NSC	102	Critical Thinking in Health/Natural Sci.	2
BIO	132	Principles of Biology II	3
BIO	133	Principles of Biology II Lab	1
ENG	102	College Writing II	3
MAT	113	Trigonometry	3
REL	101/201	Intro to Religion or Philosophy	3
TOTAL - 2nd SEMESTER			15

JUNIOR			
BIO	310	Genetics	3
BIO	311	Genetics Lab	1
CHE	210	Organic Chemistry I	3
CHE	211	Organic Chemistry I Lab	1
HIS	103	African American History I	3
SPA	201	Spanish I	3
		Social Global Inquiry (SSC)	3
TOTAL - 5th SEMESTER			17
BIO	3XX	Junior Science Elective	3
BIO	3XX	Junior Science Elective Lab	1
CHE	212	Organic Chemistry II	3
CHE	213	Organic Chemistry II Lab	1
SPA	202	Spanish II	3
		Social Global Inquiry (HUM)	3
TOTAL - 6th SEMESTER			14

SOPHOMORE			
Prefix	Course No.	Course	Credits
BIO	2XX	Sophomore Science Elective I	3
BIO	2XX	Sophomore Science Elective I Lab	1
CHE	110	General Chemistry I	4
CHE	111	General Chemistry I Lab	1
CSC	101	Intro to Computers	3
MAT/PSY		Statistics Elective	3
TOTAL - 3rd SEMESTER			15
BIO	2XX	Sophomore Science Elective II	3
BIO	2XX	Sophomore Science Elective II Lab	1
CHE	112	General Chemistry II	4
CHE	113	General Chemistry II Lab	1
COM	103	Intro to Public Speaking	3
MAT		MAT Elective	3
TOTAL - 4th SEMESTER			15

SENIOR			
BIO	4XX	Senior Elective I	3
BIO	4XX	Senior Elective I Lab	1
NSC	452	Senior Seminar	2
PHY	200	College Physics I	3
PHY	201	College Physics I Lab	1
		Elective	3
		Elective	3
TOTAL - 7th SEMESTER			17
BIO	4XX	Senior Elective II	3
BIO	4XX	Senior Elective II Lab	1
NSC	453	Senior Project	1
PHY	202	College Physics II	3
PHY	203	College Physics II Lab	1
		Elective	3
TOTAL - 8th SEMESTER			14

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

REVISED SPRING 2025 06/04/2025

Bachelor of Science in Biology

The Bachelor of Science degree program in Biology is to produce students with sound and rigorous training in the biological sciences so that they will be successful graduates in professional/graduate school or can enter the workforce with the necessary skills required for the tasks in their employment. The program emphasizes hands-on learning for students and active research with opportunities for students to work under the expert guidance of its faculty.

Program Goals

Graduates of the BS Program in Biology will:

1. Be highly knowledgeable to seek employment or admission to graduate/professional school
2. Demonstrate research and communications, both oral and written, skills to function in a professional setting.

Student Learning Outcomes

Graduates of the BS program in Biology will:

1. Apply basic biological processes and principles to living systems and integrate different areas of biology
2. Apply qualitative and quantitative methods to evaluate and interpret evidence; and
3. Communicate biological concepts effectively in oral, visual, and written presentations.

Graduation Requirements

This degree program requires a minimum of 121 semester hours for completion.

Dual Degree Programs

Biology/Nursing Dual Degree Program (Jointly offered with Florida International University and University of Miami).

Currently, Florida Memorial University does not have a standalone Nursing Program. Students cannot declare themselves Biology/ Nursing majors without being officially accepted into the program. In order to be officially accepted into the program, students must first fill out an application. Students will then receive an official letter saying whether they have been accepted into the program.

Students must apply for admission to be in the Biology/Nursing program. Once students have applied and have been accepted into the program they must meet with the Biology Nursing Coordinator each semester. International students can apply to the program; however, any financial benefits available at the participating nursing school are not available to students. International students are expected to be responsible for tuition and associated fees. This program is competitive. There is a limited number of transfer slots per academic year.

Students who do not complete the two years at the Florida International University or University of Miami will be given the opportunity to complete a degree in Biology at Florida Memorial University. Students under the

Dual-Degree program that complete the BSN at either nursing school are eligible to apply for graduation at Florida Memorial University for a BS in Biology.

Admission requirements to the Biology/Pre-Nursing Program:

- High school or college transfer GPA of 3.5 or higher.
- SAT score of 1100 or higher or ACT score of 21 or higher. If the student has not taken either exam, he/she must take the PERT. The student will not be eligible to apply to the Biology/Nursing program until he/she has completed all remedial classes with a satisfactory grade B.
- This requirement may be waived if grades are a B or higher. If the student is a freshman, he/ she cannot apply to the Biology/Nursing program until after he/ she has taken all remedial courses and passed them (B or higher).
- If transferring, the student cannot apply if there are multiple repeats of (science and mathematics) classes. If there is only one repeat, it may be waived if it does not count toward the prerequisite classes for the nursing program. Any transfer student accepted into the Biology/Nursing program must maintain the GPA requirement for UM/FIU each semester to stay in the program. The GPA requirement is dependent on the nursing school of choice (FIU or UM). The participating school can change their GPA requirements at any time.

To remain in the program:

- Maintain a GPA of 3.6 higher to meet transfer GPA requirements.
- Students must earn a “C” or better in all college level courses including the major courses (biology, mathematics, chemistry, and physics) (see course requirements for the Biology-Pre- Nursing degree),
- Students in this dual-degree program cannot repeat/retake pre- requisite classes. Given that this dual-degree program is an Honors Biology program.

Florida International University Joint Program

(Bachelor’s degree in biology from FMU and a bachelor’s degree from Florida International University in Nursing)

The Department of Health and Natural Sciences, in partnership with Florida International University’s College of Nursing and Health Sciences, offers a joint bachelor’s degree program in biology and nursing. Students completing the dual degree program of study at both institutions, as outlined below, will receive a Bachelor of Science in Biology from Florida Memorial University and a Bachelor of Science in Nursing from Florida International University. To be eligible to transfer to Florida International University students that are participating in this program must meet the following criteria.

The requirements, generated by FIU’s Nursing Program with Florida Memorial’s acceptance, are:

1. The required transfer GPA on all prior college work, including pre-requisite courses.

2. No repeats related to academic failure of pre-requisite science and science lab courses (anatomy & lab, physiology & lab, microbiology & lab, chemistry & lab). Students must have a minimum of C (a C- is not accepted) on all pre-requisite science courses.
3. A passing score on Entrance Exam.
4. Complete the application for admission to Florida International University and complete application for the Nursing Program.

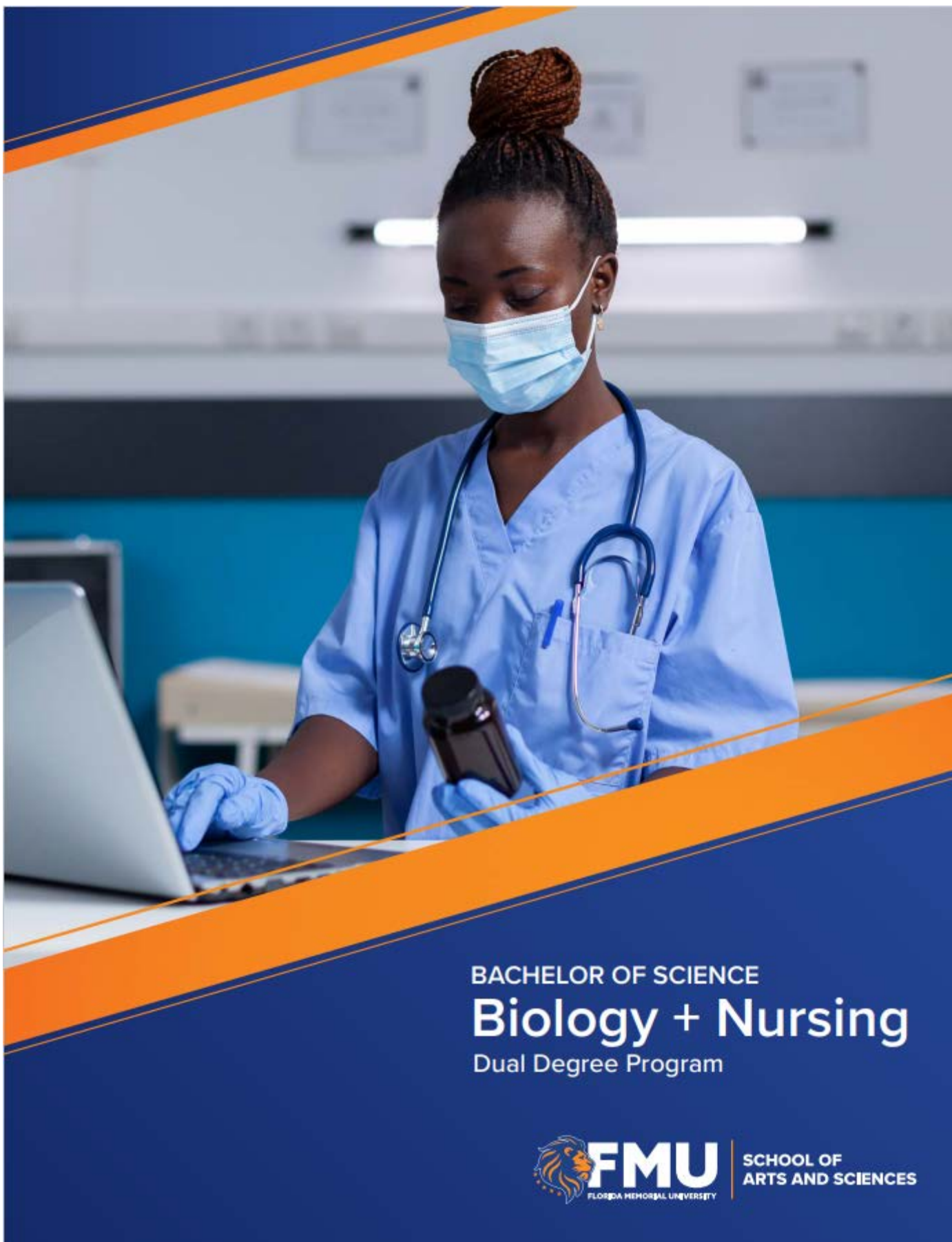
Students will be required to complete a criminal background check, complete all health requirements, complete CPR certification, and have personal health insurance.

University of Miami Joint Program

(Bachelor's degree in biology from FMU and a Bachelor's degree from University of Miami in Nursing)

The Department of Health and Natural Sciences, in partnership with the University of Miami's School of Nursing, offers a joint bachelor's degree program in biology and nursing. Students completing the program of study at both institutions, as outlined below, will receive a Bachelor of Science in Biology from Florida Memorial University and a Bachelor of Science in Nursing from the University of Miami. To be eligible to transfer to the University of Miami's School of Nursing, students must earn the required transfer GPA for UM. Students who do not complete the two years at the University of Miami will be given the opportunity to complete a degree in Biology at Florida Memorial University.

Students who enter the Nursing program at the University of Miami who have not met these stated requirements will not receive a biology degree from Florida Memorial University and are ineligible for the tuition reduction at the University of Miami.



BACHELOR OF SCIENCE
Biology + Nursing
Dual Degree Program



PROGRAM DESCRIPTION

The Division of Health and Natural Sciences, in partnership with the University of Miami and Florida International University, offers a joint bachelor's degree program in Biology and Nursing. Students completing the program of study at both institutions will receive a Bachelor of Science in Biology from Florida Memorial University and a Bachelor of Science in Nursing from the partnering institution. Specific requirements for admission into this program and for transfer to the University of Miami or Florida International University exist.

CAREER OPPORTUNITIES

Myriad careers are available to students who have applied themselves to academic achievements. Graduates may enter professional school to become medical doctors, nurses, dentists, pharmacists, research scientists, educators, policy makers in environmental issues, bioengineers, and health care providers. Graduates can earn a graduate degree to increase both their income and professional standing.

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
FMU	101	University 101	2
ENG	101	College Writing I	3
REA/ENG	101/111	Critical Think/Read or First Year Literature	3
MAT	111	College Algebra	3
CHE	110	General Chemistry I	4
CHE	111	General Chemistry I Lab	1
TOTAL - 1 st SEMESTER			16
NSC	102	Critical Think Health/ Natural Science	2
ENG	102	College Writing II	3
MAT	113	Trigonometry	3
CHE	112	General Chemistry II	4
CHE	113	General Chemistry II Lab	1
BIO	130	Principles of Biology I	3
BIO	131	Principles of Biology Lab I	1
TOTAL - 2 nd SEMESTER			17

SOPHOMORE			
Prefix	Course No.	Course	Credits
BIO	132	Principles Of Biology II	3
BIO	133	Principles Of Biology Lab II	1
CHE	210	Organic Chemistry I	3
CHE	211	Organic Chemistry I Lab	1
PSY	200	Intro To Psychology	3
COM	103	Intro To Public Speaking	3
REL	101	Intro To Religion	3
TOTAL - 3 rd SEMESTER			17
CHE	212	Organic Chemistry II	3
CHE	213	Organic Chemistry II Lab	1
BIO	212	Anatomy	3
BIO	213	Anatomy Lab	1
BIO	300	Human Physiology	3
BIO	301	Human Physiology Lab	3
PSY	312	Intro to Statistics	3
TOTAL - 4 th SEMESTER			17

SENIOR			
Prefix	Course No.	Course	Credits
BIO	310	Genetics	3
BIO	311	Genetics Lab	1
PHY	200	College Physics I	3
PHY	201	College Physics I Lab	1
		Foreign Lang Req I	3
		African American History	3
PSY	306	Developmental Psychology	3
TOTAL - 5 th SEMESTER			17
BIO	410	Microbiology	3
BIO	411	Microbiology Lab	1
PHY	202	College Physics II	3
PHY	203	College Physics II Lab	1
		Foreign Lang Req II	3
		Humanities Req	3
HIS	200	History Of The USA	3
TOTAL - 6 th SEMESTER			17

ADDITIONAL COURSES			
Prefix	Course No.	Course	Credits
		Ethics*	3
		Nutrition*	3
TOTAL			6

Credits Needed: 107

Total Credits Required: 162**

NOTE: Students must complete all the requirements toward the Nursing degree before applying for the Biology degree.

*These classes can be taken off campus unless offered FMU. Please check with your advisor for course offerings this semester.

**Credits from UM or FIU must be transferred back to meet requirements to graduate with a Biology degree from FMU.

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

REVISED SPRING 2022 1903/08/22



BACHELOR OF SCIENCE

Biology

with a Concentration in Radiobiology



SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

A Bachelor of Science in Biology will provide all dedicated students the opportunities to develop and continue critical thinking skills, become scientifically literate, and engage in hands-on experiential learning.

CAREER OPPORTUNITIES

Myriad careers are available to students who have applied themselves to academic achievements. Graduates may enter professional school to become medical doctors, nurses, dentists, pharmacists, research scientists, educators, policy makers in environmental issues, bioengineers, and health care providers. Graduates can earn a graduate degree to increase both their income and professional standing.

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
FMU	101	University 101	2
ENG	101	College Writing I	3
REA/ENG	101	Critical Think/Read or First Year Literature	3
MAT	111	College Algebra	3
CHE	110	General Chemistry I	4
CHE	111	General Chemistry I Lab	1
TOTAL - 1st SEMESTER			16
NSC	102	Critical Think Health/Natural Science	2
ENG	102	College Writing II	3
MAT	113	Trigonometry	3
CHE	101	Concepts in Nuclear Science	1
CHE	112	General Chemistry II	4
CHE	113	General Chemistry II Lab	1
BIO	130	Principles of Biology I	3
BIO	131	Principles of Biology I Lab	1
TOTAL - 2nd SEMESTER			18

SOPHOMORE			
Prefix	Course No.	Course	Credits
CHE	210	Organic Chemistry I	3
CHE	211	Organic Chemistry I Lab	1
BIO	132	Principles Of Biology II	3
BIO	133	Principles Of Biology II Lab	1
MAT	201	Calculus I	3
PHY	202/252	College Physics I or Physics with Calculus I	3
PHY	203/253	College Physics I Lab or Physics with Calculus I Lab	1
TOTAL - 3rd SEMESTER			15
CHE	212	Organic Chemistry II	3
CHE	213	Organic Chemistry II Lab	1
PHY	202/252	College Physics II or Physics with Calculus II	3
PHY	203/253	College Physics II Lab or Physics W/Calculus II Lab	1
COM	103	Intro to Public Speaking	3
BIO	211	Radiobiology	3
TOTAL - 4th SEMESTER			14

JUNIOR			
Prefix	Course No.	Course	Credits
MAT/PSY	205/312	Probability & Statistics or Intro to Statistics	3
		Foreign Language Requirement I	3
CHE	230	Intro Radiochemistry	3
CHE	231	Intro to Radiochemistry Lab I	1
BIO	2--	Biology Elective	3
BIO	2--	Biology Lab Elective	1
TOTAL - 5th SEMESTER			14
	202	Foreign Lang Requirement II	3
BIO	310	Genetics	3
BIO	311	Genetics Lab	1
	3--	Bio/Che Radio Electives	3
	3--	Bio/Che Radio Electives	1
CSC		Computer Science Requirement	3
TOTAL - 6th SEMESTER			14

SENIOR			
Prefix	Course No.	Course	Credits
		Social Sciences Requirement	3
		African American History Requirement	3
CHE	370	Advanced Radiochemistry	3
CHE	371	Advanced Radiochemistry Lab	1
	3--	Radiobiology/Radiochemistry Elective	3
NSC	452	Senior Seminar	2
TOTAL - 7th SEMESTER			15
		Humanities Requirement	3
CHE	480	Special Topics Nuc Radio Chem	3
BIO	4--	Biology Elective	3
BIO	4--	Biology Elective	1
NSC	453	Senior Project	1
REL	101	Intro to Religion	3
TOTAL - 8th SEMESTER			14

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

REVISED SPRING 2022 11/01/2022

Bachelor of Science in Biology (Concentration in Radiobiology)

The School of Health and Natural Sciences, through support from and collaboration with the National Nuclear Security Administration, offers a program leading to the Bachelor of Science in Biology with specialization in Radiobiology. This program is designed for students planning to do graduate study in radiobiology and related fields of science or careers in government facilities for radiochemistry/nuclear chemistry/nuclear medicine.

Program Goals

Graduates of the BS Program in Biology with a concentration in Radiobiology will

1. Be knowledgeable enough in their field to seek employment or admission to graduate/professional school
2. Demonstrate research and communications skills to function in a professional setting.

Student Learning Outcomes

1. Graduates of the BS program in Biology with a concentration in Radiobiology should be able to:
2. Apply basic biological processes and principles, and integrate different areas of biology
3. Develop an emphasis in one or more areas
4. Apply qualitative and quantitative methods to evaluate and interpret evidence
5. Communicate radiobiological concepts effectively in oral, visual, and written presentations.



BACHELOR OF SCIENCE
Chemistry



SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

A Bachelor of Science in Chemistry will provide all dedicated students the opportunities to develop and continue critical thinking skills, become scientifically literate, and engage in hands-on experiential learning.

CAREER OPPORTUNITIES

Myriad careers are available to students who have applied themselves to academic achievements. Graduates have become medical doctors, pharmacists, research scientists in all areas of science, educators, policy makers in environmental issues, dentists, and health care providers. Upon completion, graduates can earn a graduate degree to increase both their income and professional standing.

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
CHE	110	General Chemistry I	4
CHE	111	General Chemistry I Lab	1
MAT	201	Calculus I	3
ENG	101	College Writing I	3
FMU	101	University 101	2
REA	101	Critical Thinking/Reading	3
TOTAL - 1 st SEMESTER			16
CHE	112	General Chemistry II	4
CHE	113	General Chemistry II Lab	1
BIO	130	Principles Of Biology I	3
BIO	131	Principles Of Biology I Lab	1
MAT	202	Calculus II	3
ENG	102	College Writing II	3
NSC	102	Critical Thinking Health/Natural Science	2
TOTAL - 2 nd SEMESTER			17

JUNIOR			
		Social Science Req	3
CHE	360	Physical Chemistry I	3
CHE	361	Physical Chemistry I Lab	1
PHY	250	Physics w/Calculus I	4
PHY	251	Physics w/Calculus I Lab	1
	201	Foreign Language Requirement	3
TOTAL - 5 th SEMESTER			15
CHE	362	Physical Chemistry II	3
CHE	363	Physical Chemistry II Lab	1
PHY	252	Physics W/Calculus II	4
PHY	253	Physics W/Calculus II Lab	1
MAT	205	Probability & Statistics	3
	202	Foreign Language Requirement	3
TOTAL - 6 th SEMESTER			15

SOPHOMORE			
Prefix	Course No.	Course	Credits
MAT	301	Calculus III	3
CHE	214	Quantative Analysis	3
CHE	215	Quantative Analysis Lab	1
CHE	210	Organic Chemistry I	3
CHE	211	Organic Chemistry I Lab	1
COM	103	Intro To Public Speaking	3
TOTAL - 5 th SEMESTER			16
CSC		Computer Science Elective	3
MAT	302	Multivariable Calculus	3
CHE	212	Organic Chemistry II	3
CHE	213	Organic Chemistry II Lab	1
CHE	224	Environmental Chemistry	3
CHE	225	Environmental Chemistry Lab	1
REL	101	Intro to Religion	3
TOTAL - 4 th SEMESTER			16

SENIOR			
CHE	460	Advanced Inorganic Chemistry	3
CHE	461	Advanced Inorganic Chemistry Lab	1
		African American History Requirement	3
CHE	380	Immunochemistry	3
CHE	381	Immunochemistry Lab	1
NSC	452	Senior Seminar	2
TOTAL - 7 th SEMESTER			13
		Elective	3
CHE	430	Biochemistry	3
CHE	431	Biochemistry Lab	1
NSC	453	Senior Project	1
		Humanities Requirement	3
		Elective	3
TOTAL - 8 th SEMESTER			14

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

REVISED SPRING 2022 11/03/2022

Bachelor of Science in Chemistry

Program Goals

Graduates of the BS Program in Chemistry will:

1. Employment or admission to graduate/professional school
2. Research and communications skills to function in a professional setting.

Student Learning Outcomes

Graduates of the BS program in Chemistry will be able to:

1. Demonstrate command of facts, theories, and concepts of chemistry,
2. Function effectively in a laboratory setting by working safely with chemicals and working as a team member
3. Perform independent research
4. Use computers and instruments effectively
5. Communicate effectively orally and in writing

Graduation Requirements

This degree program requires at least 121 semester hours for completion.



BACHELOR OF SCIENCE

Chemistry

with a Concentration in Radiochemistry



SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

A Bachelor of Science in Chemistry will provide all dedicated students the opportunities to develop and continue critical thinking skills, become scientifically literate, and engage in hands-on experiential learning.

CAREER OPPORTUNITIES

Myriad careers are available to students who have applied themselves to academic achievements. Graduates have become medical doctors, pharmacists, research scientists in all areas of science, educators, policy makers in environmental issues, dentists, and health care providers. Upon completion, graduates can earn a graduate degree to increase both their income and professional standing.

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
ENG	101	College Writing I	3
CHE	110	General Chemistry I	4
CHE	111	General Chemistry I Lab	1
MAT	201	Calculus I	3
REA	101	Critical Think/Read	3
FMU	101	University 101	2
TOTAL - 1 st SEMESTER			16
ENG	102	College Writing II	3
CHE	112	General Chemistry II	4
CHE	113	General Chemistry II Lab	1
MAT	202	Calculus II	3
CHE	101	Concepts. Nucl. Sci	1
COM	103	Intro To Public Speaking	3
NSC	102	Crit Think Health/ Natural Sci	2
TOTAL - 2 nd SEMESTER			17

SOPHOMORE			
Prefix	Course No.	Course	Credits
PHY	200/250	College Physics I or Physics w/Calculus I	3
PHY	201/251	College Physics I Lab or Physics w/Calculus I Lab	1
CHE	210	Organic Chemistry I	3
CHE	211	Organic Chemistry I Lab	1
CHE	214	Quant Analysis	3
CHE	215	Quant Analysis Lab	1
TOTAL - 3 rd SEMESTER			12
CSC		Computer Science Requirement	3
CHE	212	Organic Chemistry II	3
CHE	213	Organic Chemistry II Lab	1
PHY	202/252	College Physics II or Physics w/Calculus II	3
PHY	203/253	College Physics II Lab or Physics w/Calculus II Lab	1
REL	101	Intro To Religion	3
TOTAL - 4 th SEMESTER			14

JUNIOR			
		Social Sciences Req	3
		Foreign Language Req I	3
CHE	340	Survey Phy Chem	3
CHE	341	Survey Phy Chem Lab	1
CHE	230	Intro Radiochemistry	3
CHE	231	Intro To Radiochemistry Lab I	1
		Elective	3
TOTAL - 5 th SEMESTER			12
MAT	205	Prob & Stat.	3
	202	Foreign Lang Req II	3
CHE	350	Prin Rad Health	3
CHE	351	Prin Rad Health Lab	1
CHE	232	Intro Radiochemistry Lab II	2
CHE	250	Radwaste Management	3
TOTAL - 6 th SEMESTER			12

SENIOR			
CHE	370	Advanced Radiochemistry	3
CHE	371	Advanced Radiochemistry Lab	1
CHE	380	Immunochemistry	3
CHE	381	Immunochemistry Lab	1
		Elective	3
		African American History Requirement	3
NSC	452	Senior Seminar	2
TOTAL - 7 th SEMESTER			16
CHE	430	Biochemistry	3
CHE	431	Biochemistry Lab	1
		Elective	3
		Humanities Requirement	3
NSC	453	Senior Project	1
CHE	480	Special Topics Nuc Radio Chem	3
TOTAL - 8 th SEMESTER			14

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

REVISED SPRING 2022 11/03/2022

Bachelor of Science in Chemistry (Concentration in Radiochemistry)

The School of Health and Natural Sciences, through support from and collaboration with the National Nuclear Security Administration, offers a program leading to the Bachelor of Science in Chemistry with a specialization in Radiochemistry. This program is designed for students planning to do graduate study in radiobiology and related fields of science or careers in government facilities for radiochemistry/nuclear chemistry/nuclear medicine.

Program Goals

Graduates of the BS Program in Chemistry with a concentration in Radiochemistry will:

1. Employment or admission to graduate/professional school
2. Research and communications skills to function in a professional setting.

Student Learning Outcomes

Graduates of the BS program in Chemistry with a concentration in Radiochemistry should be able to:

1. Apply basic chemical processes and principles, and integrate different areas of chemistry
2. Develop an emphasis in one or more areas
3. Apply qualitative and quantitative methods to evaluate and interpret evidence
4. Communicate radiochemical concepts effectively in oral, visual, and written presentations



BACHELOR OF SCIENCE
Healthcare
with a Concentration in Administration



SCHOOL OF
ARTS AND SCIENCES

PROGRAM DESCRIPTION

The Bachelor of Science in Healthcare (BSHC) combines science, data analytics, information systems, management, law, and ethics to equip students to evaluate the human and fiscal resources needed to effectively analyze/assess healthcare systems in an ever-changing industry.

CAREER OPPORTUNITIES

Medical and health services managers, also called healthcare executives or healthcare administrators, plan, direct, and coordinate medical and health services. They may manage an entire facility, a specific clinical area or department, or a medical practice for a group of physicians. Medical and health services managers must adapt to changes in healthcare laws, regulations, and technology.

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
CSC	101	Intro to Computers	3
FMU	101	Education & Life Seminar	2
ENG	101	College Writing I	3
COM	103	Intro to Public Speaking	3
HIS	103/104	African Diaspora & The World	3
		Humanities	3
TOTAL - FALL SEMESTER			17
NSC	102	Crit Think In Hns	2
ENG	102	College Writing II	3
MAT	111	College Algebra**	3
BIO	130	Principles of Biology I	3
REL	XXX	Religion and Philosophical Inquiry	3
		Intro to Sociology or Psychology	3
TOTAL - SPRING SEMESTER			17

JUNIOR			
HCS	301	Legal Aspects of Healthcare	3
HCS	410	Healthcare Systems	3
HCS	310	Minority Healthcare	3
		Elective	3
		Elective	3
TOTAL - FALL SEMESTER			15
HCS	401	Advanced Statistics In Healthcare***	3
HCS	419	Field Placement I - Practicum I***	3
		Elective	3
		Elective	3
		Elective	3
TOTAL - SPRING SEMESTER			15

SOPHOMORE			
Prefix	Course No.	Course	Credits
HCS	200	Intro to Healthcare	3
HCS	210	Ethics In Healthcare	3
BUS	211	Principles of Management	3
		World Languages I	3
		Elective	3
TOTAL - FALL SEMESTER			15
HCS	300	Medical Terminology	3
COM	306	Business and Professional Speaking	3
PSY	312	Intro to Statistics***	3
		World Languages II	3
		Elective	3
TOTAL - SPRING SEMESTER			15

SENIOR			
NSC	452	Senior Seminar	2
BUS	353	Principles of Insurance	3
		Elective	3
ECO	202	Principles of Microeconomics	3
TOTAL - FALL SEMESTER			11
NSC	453	Senior Project	1
FIN	301	Principles of Finance	3
BUS	344	Business Organization and Management	3
BUS	361	Leadership Applications	3
TOTAL - SPRING SEMESTER			10

Prerequisites and/or placement may be required. *Crossed-listed-equivalent.

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

Bachelor of Science in Healthcare Administration

Mission

The Bachelor of Science in Healthcare combines science, data analytics, information systems, management, law, and ethics to equip students to evaluate the human and fiscal resources needed to effectively analyze/assess healthcare systems in an ever-changing industry. Moreover, graduates of the program will be able to successfully address current health disparities, excessive costs, and quality issues affecting healthcare delivery faced by many healthcare systems. One concentration is offered to prepare graduates for an entry-level administrative position in this highly technological and culturally diverse healthcare environment. The administration concentration aims to train students to identify and implement best administrative practices in public and/or private healthcare settings.

The administration concentration is comprised of six, three- credit hour courses taught in the School of Business and Aeronautical Science, totaling 18 credit hours. The interdisciplinary nature and flexibility of this program will allow full-time students to complete the program in a timely manner. Students graduating with a degree in Healthcare with a concentration in administration often find employment in healthcare facilities, including hospitals and group medical practices. Healthcare majors are encouraged to consider further study at the graduate level.

Program Goals

The program goals are to ensure that students:

1. Recognize the value of diversity and demonstrate an understanding of how diversity impacts healthcare systems, as well as health disparities.
2. Demonstrate knowledge of the processes, structures, and policies that make up the current healthcare system.
3. Demonstrate an understanding of how emergent medical technologies, health statistics, financial, legal, regulatory, and ethics play a key role in healthcare.

Student Learning Outcomes

Upon completion of the Healthcare Program with concentration in administration, graduates will be able to:

1. Demonstrate an understanding of how differing characteristics of diversity can influence and impact health disparities and healthcare systems.
2. Identify and describe the various healthcare industry structures, systems and service delivery models.
3. Identify the roles and functions of emergent medical technologies, health statistics, financial, legal, regulatory, and ethics in today's growing healthcare industry.
4. Apply administrative practices to evaluate evidenced- based healthcare outcomes across populations.

Graduation Requirements

This degree program requires at least 121 semester hours for completion.

School of Business and Aeronautical Science

The School of Business and Aeronautical Science offers degrees in Business Administration, Finance, Aeronautical Science (Concentration in Air Traffic Control), Aeronautical Science (Concentration in Flight Education), Aviation Management. Additionally, the school offers minors in Homeland Security and Aviation Safety.

Department of Business

Programs Offered

Florida Memorial University, through its Department of Business, is accredited by the Association of Collegiate Business Schools and Programs to offer the following business degrees:

- Bachelor of Science in Business Administration
- Bachelor of Science in Finance
- Master of Business Administration (see graduate catalog)

Minors are also offered in Business Administration, Finance, and Marketing. Eighteen additional credit hours with a grade of “C” or better are required beyond core courses for a minor. Students should consult with the Dean as soon as the decision to pursue a minor has been made. An agreement about specific courses to satisfy the minor requirements must be made during the application process. Students selecting a minor must adhere to the same entrance requirements as they would for a major. Students selecting a major or minor in the area need to have a strong background in mathematics. The school offers opportunities for students to enhance their studies through professional experiences.

Mission

The essential aspects of the University’s Institutional Statement of Purpose drive the mission of the School of Business and Aeronautical Science, which is formulated in the mission and goals for each degree-granting program. These programs are mission-designed to prepare students to function in a highly competitive, technological, and global society.

In carrying out its mission, the School of Business and Aeronautical Science aims to:

1. To develop in students an awareness and understanding of the role of business and economics in our society
2. To assist students in acquiring the ability to use business and economic analysis as a major tool in making independent, well-considered judgments on important public issues
3. To provide specialized training for students who wish to pursue careers as managers and owners of business enterprises
4. To provide a fundamental background in the areas of business and economics theories for students who wish to pursue advanced study
5. To perform research and disseminate knowledge for the advancement of techniques in the conduct of business affairs

6. To focus on programs that inspire greater entrepreneurial activities and contributions to the business and economic life of the community, state, and nation
7. To continually re-examine the curriculum to see if it conforms to current needs of business and industry
2. To enhance students' critical thinking and effective communication capabilities
3. To provide students with the opportunity for cooperative education, internship experience, and professional development
4. To analyze components of international business, including international trade and investment, foreign exchange, financial markets, and political and cultural interactions between multinational organizations.

Graduation Requirements

1. Complete a minimum of 120 semester hours with a minimum cumulative G.P.A. of at least 2.00.
2. Meet all Florida Memorial University course requirements in the area of specialization.



BACHELOR OF SCIENCE
Business Administration



SCHOOL OF BUSINESS &
AERONAUTICAL SCIENCE

BACHELOR OF SCIENCE Business Administration



SCHOOL OF BUSINESS &
AERONAUTICAL SCIENCE

PROGRAM DESCRIPTION

Our Business Administration program emphasizes management studies. It is designed to direct students toward an integrated approach to modern management, theory and practice, the changing nature of management, management in a changing global environment, and creative problem solving. The approved electives provide career options in finance, human resource management, marketing, and international business. This degree program requires at least 121 semester hours for completion.

CAREER OPPORTUNITIES

Administration Service Manager
Banker
Benefits Administrator
Business Management Analyst

Business Risk Consultant
Compensation Manager
Elementary, Middle & High School Principal
Human Resource Manager

DEGREE CHECKLIST

GENERAL EDUCATION – CORE REQUIREMENTS		
Course No.	Course	Credits
COM 103	Intro to Public Speaking	3
CSC 101	Intro to Computers	3
ENG 101	College Writing I	3
ENG 102	College Writing II	3
FMU 101	University 101	2
MAT 110	College Algebra	3
MAT 111	Intermediate Algebra	3
BUS 102	Critically Thinking in Business	2
XXX 200	Humanities/Fine Arts	3
XXX 200	Social/Behavioral Science	3
REA 101	Critical Thinking & Reading	3
REL XXX	Religion & Philosophical Inquiry	3
	Scientific Inquiry	3
XXX 201	World Language I	3
XXX 202	World Language II	3
HIS 103	African Diaspora & the World	3
HIS 104	African Diaspora & the World II	3
46 TOTAL CREDITS		

MAJOR COURSES		
Course No.	Course	Credits
BUS 211	Principles of Management	3
BUS 215	Quantitative Methods	3
BUS 311	Business Law I	3
BUS 320	Business Statistics I	3
BUS 321	Business Statistics II	3
BUS 361	Leadership Application	3
BUS 394	Business Ethics & Society	3
BUS 400	Entrepreneurship	3
BUS 403	Strategic Management	3
BUS 404	International Business	3
BUS 420 or MAR 491	Operations Research or Supply Chain Management	3
BUS 450	Business Internship & Seminar	3
BUS 498	Senior Project	3
	Approved Electives in Accounting, Business, Finance or Marketing	3
	Approved Electives in Accounting, Business, Finance, or Marketing	3
45 CREDITS		

OTHER REQUIRED COURSES		
Course No.	Course	Credits
ACC 211	Principles of Accounting I	3
ACC 212	Principles of Accounting II	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
	Business Elective	3
TOTAL CREDITS 30		

Course No.	Course	Credits
ECO 371	Money & Capital Markets	3
FIN 301	Principles of Finance	3
HRM 350	Human Resource Management	3
MAR 301	Principles of Marketing	3
	Business Elective	3

For more information please contact the School of Business & Aeronautical Science at (305) 623-4288 or sbenjami@fmuniv.edu.

Bachelor of Science in Business Administration

Program Goals

1. To explain the relationship between human resources management and other functions within the organization
2. To analyze the different sub-functions that are critical to the success of any organization
3. To describe the strategic importance of human resources in today's global economy
4. To explain the steps needed to create and launch a new business
5. To integrate theory and practical business experiences needed to enhance the chances for success of a new business
6. To analyze the components needed to strategically align an organization with its environment
7. To explain the relationships of the functional areas within a business
8. To analyze models of rational decision-making used in an organization
9. To apply management concepts to organizations operating in an international arena
10. To analyze components of international business, to include international trade and investment, foreign exchange, financial markets, and political and cultural interactions between multinational organizations and host countries

Student Learning Outcomes

1. Students will demonstrate knowledge of management history, principles, theories, techniques, concepts, and models in making business decisions in both domestic and international arenas.
2. Students will understand the general business theories, principles, concepts, and the steps needed to create and launch a new business.
3. Students will be exposed to professional work experience and on-the-job training in the business sector.
4. Students will demonstrate competence in all areas of business in the capstone.
5. Students will be able to apply mathematical principles, theories, techniques, concepts, methodology, and models of rational decision making in business.
6. Students will demonstrate effective communication skills.
7. Students will be able to apply the general principles, theories, techniques, concepts, methodology, and models of accounting, economics, finance, and marketing in making business decisions.

Graduation Requirements:

This degree program requires at least 121 semester hours for completion.



BACHELOR OF SCIENCE
Finance



SCHOOL OF BUSINESS &
AERONAUTICAL SCIENCE

BACHELOR OF SCIENCE Finance



**SCHOOL OF BUSINESS &
AERONAUTICAL SCIENCE**

PROGRAM DESCRIPTION

Our Finance program provides students with knowledge of the major concepts and practices of financial management, while at the same time helping to develop their analytical, decision-making, and communication abilities. The Finance program will also provide students with learning opportunities that reflect the current state of knowledge and practice within the field; prepare students for careers in finance and other business areas, and offer the opportunity to pursue graduate studies. This degree program requires at least 121 semester hours for completion.

CAREER OPPORTUNITIES

Actuary
Bank Compliance Officer
Commercial Loan Processor
Financial Analyst

Financial Accountant
Financial Planner
Insurance Appraiser
Insurance Underwriter

DEGREE CHECKLIST

GENERAL EDUCATION – CORE REQUIREMENTS		
Course No.	Course	Credits
COM 103	Intro to Public Speaking	3
CSC 101	Intro to Computers	3
ENG 101	College Writing I	3
ENG 102	College Writing II	3
FMU 101	University 101	2
MAT 110	Intermediate Algebra	3
MAT 111	College Algebra	3
BUS 102	Critically Thinking in Business	2
XXX 200	Humanities/Fine Arts	3
XXX 200	Social/Behavioral Science	3
REA 101	Critical Thinking & Reading	3
REL XXX	Religion & Philosophical Inquiry	3
	Scientific Inquiry	3
XXX 201	World Language I	3
XXX 202	World Language II	3
HIS 103	African Diaspora & the World I	3
46 TOTAL CREDITS		

MAJOR COURSES		
Course No.	Course	Credits
FIN 301	Principles of Finance	3
FIN 323	Corporate Finance	3
FIN 333	Investments	3
FIN 495	Futures & Options Market	3
FIN XXX	Approved Finance Elective	3
FIN XXX	Approved Finance Elective	3
18 CREDITS		

OTHER REQUIRED COURSES		
Course No.	Course	Credits
ACC 211	Principles of Accounting I	3
ACC 212	Principles of Accounting II	3
BUS 211	Principles of Management	3
BUS 215	Quantitative Methods	3
BUS 311	Business Law I	3
BUS 320	Business Statistics I	3
BUS 321	Business Statistics II	3
BUS 394	Business Ethics & Society	3
BUS 403	Strategic Management	3
BUS 404	International Business	3
BUS 420 or MAR 491	Operations Research or Supply Chain Management	3
BUS 450	Business Internship & Seminar	3
BUS 498	Senior Project	3
ECO 201	Principles of Macroeconomics	3
ECO 202	Principles of Microeconomics	3
ECO 371	Money & Capital Markets	3
MAR 301	Principles of Marketing	3
	Electives	6
57 CREDITS		

For more information please contact the School of Business & Aeronautical Science at (305) 623-4288 or sbenjami@fmuniv.edu.

Bachelor of Science in Finance

Mission

The mission of the Finance program is to provide students with knowledge of the major concepts and practices of financial management, while at the same time helping to develop their analytical, decision-making, and communication abilities. The Finance program will also provide students with learning opportunities, which reflect the current state of knowledge and practice within the field; and the program will prepare students for careers in finance and other business areas and provide them with the opportunity to pursue graduate studies.

Program Goals

The finance program will provide students with knowledge of the major concepts and practices of finance.

1. The finance program will help develop students' analytical and decision-making abilities.
2. The Finance program will prepare the students for careers in finance and other business areas and provide them with the opportunity to pursue graduate studies.

Student Learning Outcomes

1. Students will demonstrate knowledge of the major concepts and practices of financial analysis and management and develop analytical decision-making skills.
2. Students will demonstrate knowledge of investments and derivatives for the practical application of theory.
3. Students will demonstrate overall knowledge of finance and major functional areas in business for careers in finance and business, and /or graduate study.

Graduation Requirements:

This degree program requires at least 121 semester hours for completion.

Minors in Business Administration, Finance, Human Resource Management, and Marketing

Minors are available in Business Administration, Finance, Human Resource Management, and Marketing. A program of study in Business Administration, Finance, Human Resource Management, and Marketing serves as a foundation for students who have an interest in pursuing graduate work or a career in these areas. For a minor, students must complete eighteen credit hours with a grade of "C" or better in the minor. Students should consult with the School's Dean as soon as the decision to pursue a minor in has been made. An agreement about specific courses to satisfy the minor requirements must be made during the application process. Students selecting a minor must adhere to the same entrance requirements as those pursuing a major in the School of Business and Aeronautical Science and must have a strong background in mathematics.

Minor in Business Administration

Course No.	Course Title	Credit Hrs.
ACC 211	Principles of Accounting I	3
BUS 210	Principles of Management	3
FIN 301	Principles of Finance	3
MAR 301	Principles of Marketing	3
BUS ----	Business Electives	3
BUS ----	Business Elective	3

Minor in Finance

Course No.	Course Title	Credit Hrs.
BUS 353	Principles of Insurance	3
FIN 301	Principles of Finance	3
FIN 323	Corporate Finance	3
FIN 333	Investment	3
FIN 350	Principals of Financial Planning	3
FIN 493	Portfolio Analysis & Management	3
FIN 495	Futures & Options Markets	3
FIN 496	Financial Statement Analysis	3
FIN 497	International Money & Finance	3
	Electives*	3
	Electives*	3

*In addition to these approved electives, other courses and electives can be recommended and approved by the academic advisor.

Minor in Human Resources Management

Course No.	Course Title	Credit Hrs.
HRM 350	Human Resource Management	3
HRM 360	Legal Environment of HRM	3
HRM 380	Compensation Management	3
HRM 410	Labor Relations	3
HRM 420	Staffing and Development	3
HRM 430	Creative Productive Relationships	3

Minor in Marketing

Course No.	Course Title	Credit Hrs.
MAR 301	Principles of Marketing	3
MAR 361	Retail Marketing	3
MAR 362	Personal Selling	3

MAR 395	Consumer Behavior	3
MAR 460	Advertising	3
MAR 461	Marketing Channels	3
MAR 462	International Marketing	3
MAR 463	Survey of e-Commerce	3
MAR 487	Seminar in Marketing	3
MAR 490	Service Marketing	3
MAR 495	Marketing Research	3

Department of Aviation and Safety

The Department of Aviation and Safety at Florida Memorial University delivers dynamic and industry-aligned academic programs designed to develop future leaders, technical experts, and operational managers in the evolving aerospace sector. Our curricula integrate cutting-edge aviation technologies, data-driven decision-making, safety systems, and leadership development. Emphasis is placed on quantitative reasoning, human factors, regulatory compliance, and effective communication—skills critical for navigating today's complex global aviation environment.

Graduates of our programs gain a comprehensive understanding of the aviation and aerospace industries, including their technological infrastructure, regulatory environment, and socioeconomic impact on global transportation systems. All aviation courses must be completed with a grade of "C" (2.0) or higher.

Mission Statement

The mission of Florida Memorial University's Aviation & Safety department is to empower students to significantly increase their performance capability to achieve worthwhile purposes in the aviation industry through education.

Degree Offerings

The Department of Aviation & Safety offers the following degree programs:

- Bachelor of Science in Aeronautical Science (Concentration in Air Traffic Control)
- Bachelor of Science in Aeronautical Science (Concentration in Flight Education)
- Bachelor of Science in Aviation Management
- Minor in Homeland Security
- Minor in Aviation Safety

Program Goals

Graduates of the Department of Aviation and Safety will be able to:

- **Communication:** Develop and deliver professional, aviation-related presentations and technical reports with clarity and precision.
- **Safety and Human Factors:** Analyze and implement aviation safety systems, including the identification and mitigation of human error.
- **Regulatory and Legal Compliance:** Interpret and apply domestic and international aviation laws and regulations.
- **Data Analytics and Decision-Making:** Leverage aviation data systems to analyze trends and support strategic and operational decisions.
- **Operations Management:** Evaluate and optimize aviation operational systems, recommending and implementing improvements aligned with industry standards.



Bachelor of Science
Aeronautical Science
with a Concentration in Air Traffic Control



**SCHOOL OF BUSINESS &
AERONAUTICAL SCIENCE**

PROGRAM DESCRIPTION

The mission of Florida Memorial University's Aviation & Safety department is to empower students to significantly increase their performance capability to achieve worthwhile purposes in the aviation industry through education.

- Bachelor of Science in Aeronautical Science – Concentration in Flight Education
- Bachelor of Science in Aeronautical Science – Concentration in Air Traffic Control
- Bachelor of Science in Aviation Management
- Minor in Aviation Safety
- Minor in Homeland Security

CAREER OPPORTUNITIES

Air Traffic Controller and Operations Manager

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
COM	103	Intro to Public Speaking	3
CSC	101	Intro to Computers	3
AWS	200	Aviation History	3
FMU	101	University 101	2
ENG	101	College Writing I	3
	XXX	Scientific Inquiry	3
TOTAL - 1st SEMESTER			17
AWS	102	Critical Thinking In Aviation	2
	200	Humanities / Fine Arts	3
MAT	111	College Algebra	3
HIS	103	African Diaspora and the World	3
REA	101	Critical Thinking & Reading	3
TOTAL - 2nd SEMESTER			14

JUNIOR			
AWS	305	VFR Tower Operations	3
BUS	361	Leadership Application	3
AWS	418	Crew Resource Management	3
ENG	309	Advanced Grammar & Composition	3
XXX	XXX	Any Elective	3
TOTAL - 5th SEMESTER			15
AWS	315	ATC Radar Procedures	3
AWS	320	Air Transportation	3
AWS	351	Aviation Legislation	3
AWS	410	Advance Terminal Ops	3
AWS	XXX	Aviation Elective	3
TOTAL - 6th SEMESTER			15

SOPHOMORE			
Prefix	Course No.	Course	Credits
AWS	201	Intro to Aeronautics	3
MAT	111	College Algebra	3
	201	Language Requirement I	3
AWS	232	Air Traffic Control	3
REL	201	Intro to Philosophy	3
TOTAL - 3rd SEMESTER			15
	200	Social / Behavioral Science	3
	202	Language Requirement II	3
AWS	240	Aviation Weather	3
AWS	316	Terminal Operations	3
REL	XXX	Religion & Philosophical Inquiry	3
TOTAL - 4th SEMESTER			15

JUNIOR			
AWS	412	Enroute Operations	3
AWS	420	Flight Safety	3
XXX	XXX	Any Elective	3
XXX	XXX	Any Elective	3
AWS	XXX	Aviation Elective	3
TOTAL - 7th SEMESTER			15
AWS	450	Senior Project	3
AWS XXX		Aviation Elective	3
AWS	XXX	Aviation Elective	3
XXX	XXX	Any Elective	3
XXX	XXX	Any Elective	3
TOTAL - 8th SEMESTER			15

For more information please contact the School of Business & Aeronautical Science at (305) 623-4288 or sbenjami@fmuniv.edu.

REVISED 01/03/2023

Bachelor of Science in Aeronautical Science -Concentration in Air Traffic Control

This program provides students with the knowledge necessary to pursue a career as a Federal Aviation Administration (FAA) air traffic controller. Students will work with highly qualified instructors and train on sophisticated air traffic simulators. Students will be trained to pass the FAA written examination and upon selection, progress as an entry level air traffic controller. All core courses must be completed with a grade of “C” (2.0) or better.

Important Note: Prior to selecting the Air Traffic Control concentration, the student must meet with the program chair or faculty advisor to determine eligibility. The Federal Aviation Administration imposes specific conditions and requirements upon all prospective controllers and employees. In addition, while students will receive extensive training in air traffic management, they must also pass the Air Traffic Skills Assessment (ATSA), a rigorous physical exam, a drug test, and an intensive security, and background investigation before employment with the FAA can be pursued.

Graduation Requirements

This program requires a minimum of 121 semester hours for completion with 46 credit hours devoted to core curriculum courses; 51 credit hours of Aviation/Air Traffic courses; and 30 credit hours of additional courses and open electives.



BACHELOR OF SCIENCE

Aeronautical Science

with a Concentration in Flight Education



SCHOOL OF BUSINESS &
AERONAUTICAL SCIENCES

BACHELOR OF SCIENCE

Aeronautical Science

with a Concentration in Flight Education



SCHOOL OF BUSINESS &
AERONAUTICAL SCIENCE

PROGRAM DESCRIPTION

The mission of Florida Memorial University's Aviation & Safety department is to empower students to significantly increase their performance capability to achieve worthwhile purposes in the aviation industry through education.

- Bachelor of Science in Aeronautical Science – Concentration in Flight Education
- Bachelor of Science in Aeronautical Science – Concentration in Air Traffic Control
- Bachelor of Science in Aviation Management
- Minor in Aviation Safety
- Minor in Homeland Security

CAREER OPPORTUNITIES

Dispatcher, Airline Pilot, Corporate Pilot, Cargo Pilot, Certified Flight Instructor

DEGREE CHECKLIST

FRESHMAN

Prefix	Course No.	Course	Credits
COM	103	Intro to Public Speaking	3
AWS	201	Intro to Aeronautics	3
ENG	101	College Writing I	3
FMU	101	University 101	2
CSC	101	Intro to Computers	3
AVT	201	Private Pilot Ground	3
TOTAL - 1st SEMESTER			17
AWS	102	Critical Thinking In Aviation	2
ENV	101	Intro to Environmental Science	3
MAT	111	College Algebra	3
AVT	301	Instrument Pilot Ground	3
REA	101	Critical Thinking and Reading	3
AVT	202	Private Pilot Flight	2
TOTAL - 2nd SEMESTER			16

JUNIOR/SENIOR

AVT	401	Principles of Flight Instruction	3
AVT	304	Commercial Pilot Flight	2
AWS	420	Flight Safety	3
AWS	200	Aviation History	3
SOC	200	Social / Behavioral Science	3
TOTAL - 5th SEMESTER			14
AWS	418	Crew Resource Management	3
AVT	405	Multi-Engine Flight Systems	3
AWS	310	Aviation Legislation	3
AVT	402	Principles of Flight Instruction II	3
AVT	411	Certified Flight Instructor	2
TOTAL - 6th SEMESTER			14

SOPHOMORE

Prefix	Course No.	Course	Credits
HIS	103	African Diaspora and the World	3
AVT	302	Instrument Pilot Flight	2
AWS	203	Navigation & Performance	3
XXX	201	Foreign Language I	3
REL	201	Intro to Religion or Philosophy	3
ENG	102	College Writing II	3
TOTAL - 3rd SEMESTER			17
AWS	270	Aircraft Engines	3
AWS	240	Aviation Weather	3
MAT	112	College Algebra II	3
XXX	202	Foreign Language II	3
AVT	303	Commercial Pilot Ground	3
AWS	232	Air Traffic Control	3
TOTAL - 4th SEMESTER			18

JUNIOR/SENIOR

BUS	211	Principles of Management	3
AWS	430	Flight Physiology	3
HUM	XXX	Humanities/ Fine Art	3
AWS	390	Airline Management	3
AVT	412	Certified Flight Instructor	2
TOTAL - 7th SEMESTER			14
AWS	450	Senior Project In Aviation	3
AWS	498	Co-Op In Aviation (Internship)	4
XXX	XXX	Any Elective	3
TOTAL - 8th SEMESTER			10

For more information please contact the School of Business & Aeronautical Science at (305) 623-4288 or sbenjami@fmuniv.edu.

REVISED 01/03/2023

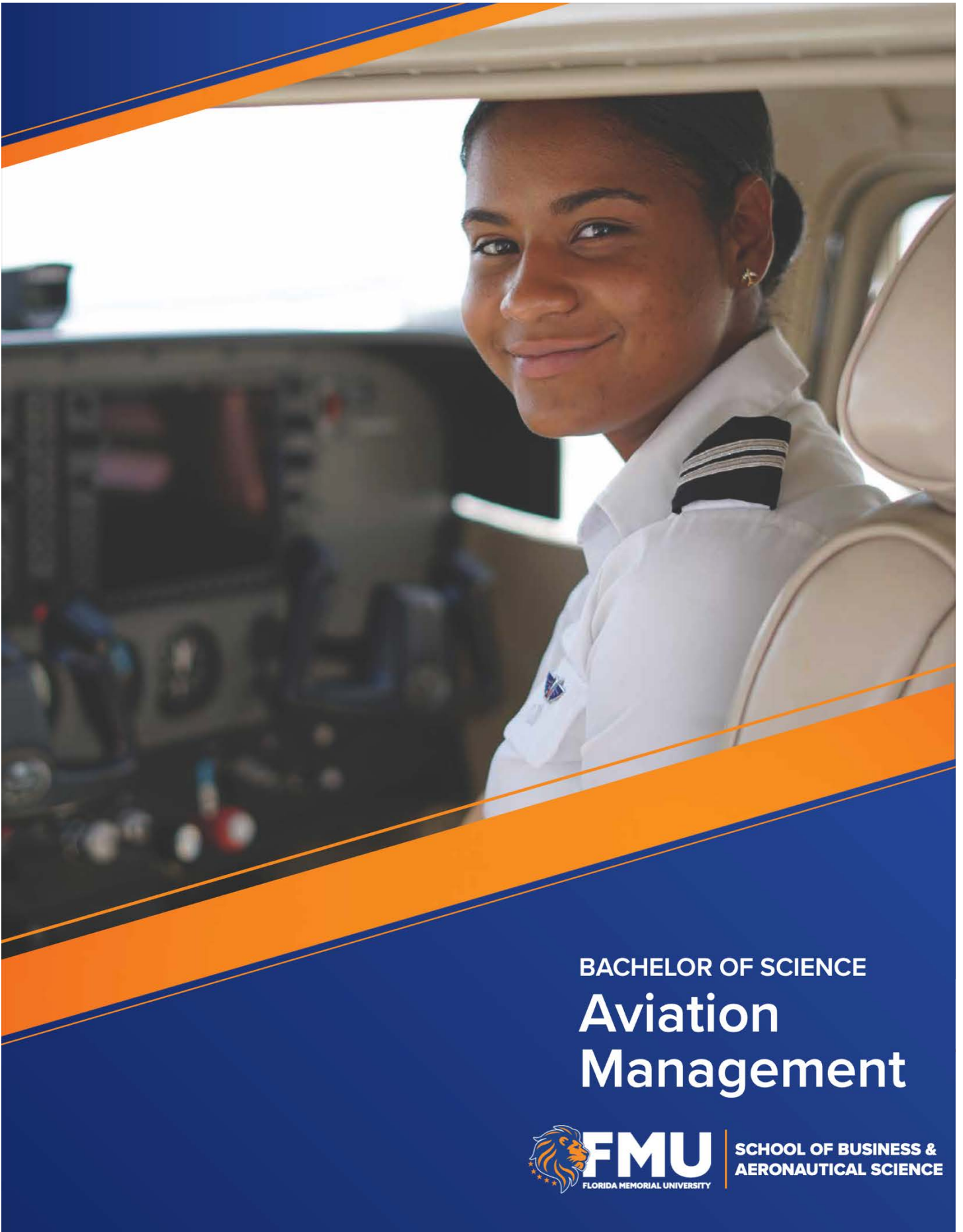
Bachelor of Science in Aeronautical Science - Concentration in Flight Education

This degree program requires the student to earn a Federal Aviation Administration (FAA) commercial pilot rating and a minimum of 121 semester hours for completion with the following breakdown: 61 credits hours of core curriculum; 61 credits hours of aviation technology courses; and 27 credits hours of business and open electives.

The program will involve ground school classes for private, instrument, and commercial ratings. Students will gain their flight hours from one of FMU'S approved flight provider

All core courses must be completed with a grade of "C" (2.0) or better Note: There are significant costs associated with flight training that are NOT covered by student tuition. Students must consult with an aviation advisor to discuss these costs before selecting this degree program.

NOTE: Estimated tuition does not cover FAA Medical, FAA Exams, flight training, software and materials. This is an additional cost.



BACHELOR OF SCIENCE

Aviation Management



SCHOOL OF BUSINESS &
AERONAUTICAL SCIENCE

Bachelor of Science Aviation Management



SCHOOL OF BUSINESS &
AERONAUTICAL SCIENCE

PROGRAM DESCRIPTION

The mission of Florida Memorial University's Aviation & Safety department is to empower students to significantly increase their performance capability to achieve worthwhile purposes in the aviation industry through education.

- Bachelor of Science in Aeronautical Science – Concentration in Flight Education
- Bachelor of Science in Aeronautical Science – Concentration in Air Traffic Control
- Bachelor of Science in Aviation Management
- Minor in Aviation Safety
- Minor in Homeland Security

CAREER OPPORTUNITIES

Airline Manager, Airport Manager, FBO Manager, Operations Manager

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
CSC	101	Intro to Computers	3
AWS	201	Intro to Aeronautics	3
COM	103	Intro to Public Speaking	3
FMU	101	University 101	2
MAT	111	College Algebra	3
AWS	200	Aviation History	3
TOTAL - 1 st SEMESTER			17
Aws	102	Critical Thinking In Aviation	2
		Humanities/Fine Arts	3
Eng	101	College Writing I	3
His	103	African Diaspora and The World	3
Rel		Religion And Philosophical Req.	3
Rea	101	Critical Thinking & Reading	3
TOTAL - 2 nd SEMESTER			17

JUNIOR			
ACC	201	Principles of Accounting	3
AWS	310	Aviation Legislation	3
AWS	390	Airline Management	3
AWS	420	Flight Safety	3
		Elective	3
TOTAL - 5 th SEMESTER			15
FIN	301	Principles of Finance	3
AWS	320	Air Transportation	3
AWS	351	Aviation Labor Relations	3
BUS	394	Business Ethics	3
TOTAL - 6 th SEMESTER			12

SOPHOMORE			
Prefix	Course No.	Course	Credits
MAT	205	Prop And Statistics	3
BUS	211	Principles Of Management	3
		Foreign Language Req.	3
AWS	232	Air Traffic Control	3
AWS		Aviation Elective	3
ENG	102	College Writing II	3
TOTAL - 3 rd SEMESTER			18
AWS	240	Aviation Weather	3
		Foreign Language II Req.	3
		Natural Science Req.	3
		Social Science Req.	3
ECO		Micro/Macro Economics	3
TOTAL - 4 th SEMESTER			15

SENIOR			
AWS	425	Accident Investigation	3
MAR	301	Principles of Marketing	3
AWS	395	Airport Management	3
BUS	361	Leadership Application	3
AWS	498	Coop In Aviation	3
TOTAL - 7 th SEMESTER			15
AWS	450	Senior Project In Aviation	3
AWS		Aviation Elective	3
AWS		Aviation Elective	3
AWS		Aviation Elective	3
TOTAL - 8 th SEMESTER			12

For more information please contact the School of Business & Aeronautical Sciences at (305) 623-4288 or sbenjami@fmuniv.edu.

REVISED 02/27/2025

Bachelor of Science in Aviation Management (BS)

A degree in Aviation Management prepares students for administrative, supervisory, and management positions in the aviation industry. The program is oriented to the business and human resource needs of the aviation industry. Graduates may pursue entry level positions in airport management, general aviation operations, air carrier management and various government agencies. All Aviation courses must be completed with a grade of “C” (2.0) or better.

Program Mission

Graduates of the Aviation Management Degree Program will embrace the importance of becoming global citizens through life-long learning, leadership, character, and service in the fields of aviation management.

Student Learning Outcomes:

- Graduates of our aviation programs will be able to:
- Communications: Graduates will be able to prepare a well-written paper on an aviation-related topic and be capable of delivering a professional presentation effectively.
- Safety: Graduates will be able to identify, evaluate and implement safety systems and human factors prevention programs associated within the aviation industry.
- Regulatory and Legal: Graduates will be able to understand and apply regulations and legal issues effectively.
- Data Analysis: Graduates will be able to collect, analyze data and use the data to make informed decisions.
- Operations: Graduates will be able to evaluate operational systems to make recommendations for improvement and implementation.

Graduation Requirements

This program requires a minimum of 121 semester hours for completion, 46 credit hours are for required core curriculum courses, 36 credit hours cover aviation science courses, and 45 hours are devoted to business/finance courses and open electives.

Minor in Aviation Safety

This program serves as a foundation for those who desire to enhance their knowledge in aviation safety. Students are required to complete 18 credit hours from the courses listed below. All courses must be completed with a grade of “C” (2.0) or better.

Program Goals

Graduates with a Minor in Aviation Safety will be able to:

- Anticipate, recognize, evaluate, and develop control strategies for hazardous conditions and work practices.
- Demonstrate the application of business and risk management concepts.
- Demonstrate an understanding of the fundamental aspects of safety, industrial hygiene, environmental science, hazardous materials, emergency management, ergonomics and/or

Require Credits

AWS 201	Introductions to Aeronautics	3
AWS 420	Flight Safety	3
SAF 101	Introduction to Occupational Health & Safety	3

Select 3 courses from below:

SAF 110	System Safety	3
SAF 241	Safety and Security of Aviation Ground Operations	3
SAF 245	Industrial Safety and Health Management	3
AWS232	Air Traffic Control	3
AWS 240	Aviation Weather	3
AWS 415	Seminar in Aviation Science	3
AWS 418	Crew Resource Management	3
AWS 425	Aircraft Accident Investigation	3
AWS 430	Flight Physiology	3

Note: Students majoring in Aeronautical Science or Aviation Management must select courses not listed as requirements for their prospective degree programs.

Minor in Homeland Security

This minor offers a basic comprehensive education in terrorism, counterterrorism, hazard management, intelligence, and other components of national security. Students will receive a holistic education that covers the range of domestic security efforts, helping to prepare them for advancement or new entry into the homeland security field. Students must earn no less than a C (2.0) to pass each course in the minor.

Program Objectives

Graduates with this minor will be able to:

- Examine the historical and evolving concept of homeland security within the broader political and national security system of the contemporary nation-state.
- Recognize the detailed mitigation, planning, response, and recovery phases to and from a homeland security incident.
- Differentiate among the various homeland security threats, to include those that are manmade, technological, and natural.
- Distinguish among and assess the various homeland security approaches, techniques, and processes, such as analytics, indications, warnings, and forecasting.

- Explain the key administrative and command and control elements of the evolving homeland security relationships among the intelligence community; Department of Homeland Security; interagency processes and institutions; federal, state, and local inter-governmental relations; and a comprehensive U.S. homeland security strategy.

Require Credits – 18

Students can choose 18 credits from the list below

AHS	301	PRINICIPLES OF HOMELAND SECURITY	3
AHS	302	TRANSPORTATION SECURITY	3
AHS	303	COMTEMPORARY SECURITY MANGEMENT	3
AHS	411	DISASTER RECOVERY	3
AHS	412	HOMELAND SECURITY LAW & POLICY	3
AHS	413	TERRORISM & HOMELAND SECURITY	3
AHS	414	TOTAL SECURITY MANGEMENT	3
AHS	415	MARITIME SECURITY	3

Department of Computer Science and Technology

The Department of Computer Science, Mathematics, and Technology offers the following degrees:

- Bachelor of Science in Computer Science
- Bachelor of Science in Cybersecurity
- Bachelor of Science in Management Information Systems
- Bachelor of Science in Artificial Intelligence

The Computer Science (CS) major provides an opportunity to study algorithms and data structures, and to apply the hardware and software implementations of computers and computer systems. The Computer Science major covers theory and programming. The program also prepares students for a possible research career as well as diverse careers, such as game programming, database design, artificial intelligence, networking, and robotics.

The Cybersecurity (CY) major prepares students for careers as a computer and application security analyst, digital forensic investigator, web security specialist, network security auditor, mobile and wireless security programmer, or cybersecurity compliance professional.

The Management Information Systems (MIS) major provides an opportunity for students to learn to combine business knowledge with the latest systems analysis tools and techniques to create and exploit information systems for organizational success. This major focuses on application development, such as web application

and database programming, and management of businesses and computer resources, along with behavioral and organizational studies.

Artificial Intelligence (AI) prepares students for careers as data scientists who develop applications and systems using AI and machine learning techniques to solve real-world problems. Their work often involves analyzing large datasets to uncover patterns and make predictions, statistical analysis, artificial intelligence, and machine learning. Some may include designing and developing robotic systems for various industries.

Department Mission Statement

The mission of the Department of Computer Sciences and Technology is to produce graduates who demonstrate knowledge of the fundamentals of their disciplines, intellectual maturity, and high moral and ethical standards. Our graduates will be aware of contemporary local, national, and global issues, they will become lifelong learners, and they will seek continual professional improvements to adapt to the ever-changing technological demands of the contemporary workplace.

In addition, the Department equips general education students with the technological and analytical skills necessary to perform effectively in their careers or professions.

Departmental Goals

- To create and maintain a high-quality education for students.
- To teach students to develop an analytical ability to solve problems using mathematics, computer and information sciences in a socially responsible way, so that they may continue to apply their knowledge as technology evolves.
- To offer up-to-date technology and laboratory experiences, students will have technological skills that are current in the workplace.
- To encourage faculty professional development, so that faculty members remain current in their field.
- To support faculty and students in scholarly activities.

Departmental Requirements:

1. Complete a minimum of 120 credit hours, including all general education requirements, with a minimum cumulative G.P.A. of 2.0
2. Complete all major courses with a minimum grade of "C."
3. Complete all course requirements and credit hours specified by the degree program
4. Successfully complete a senior project.

School of Education and Social Sciences

The School of Education and Social Sciences offers degrees in Criminal Justice, Criminal Justice with a concentration in Criminology, Elementary Education ESOL K-6/Reading, Law and Government, Psychology, and Social Work. Additionally, the School of Education and Social Sciences offers courses in History and Sociology.

Department of Education

Programs Offered

The Department of Education offers the following degree and certificate programs:

- Bachelor of Science in Elementary Education/ESOL K-6/Reading
- Master of Science Reading (see Graduate Catalog)
- Master of Science Exceptional Student Education (see Graduate Catalog)
- Education Specialist Exceptional Student Education (see Graduate Catalog)
- Minor in Education

The curricular offerings in the Teacher Education Program provide students the opportunities to learn and practice appropriate theories, concepts and strategies. The Teacher Education Program provides the pre-professional teacher with the knowledge, skills, and competencies necessary to be effective educators by emphasizing such areas as methodologies, of instruction, classroom management, curriculum, assessment, field activities and the internship experience. The curriculum developed for majors leading to teacher certification is based on the State Board of Education rules prescribed in Chapter 6A.- 5.066, 5FAC of the Department of Education for the State of Florida.

Mission

The teacher education program at Florida Memorial University is designed to uphold and carry out the mission of the University, which is to provide effective programs that lead to life-long learning and leadership through service. The dynamics of change have led to the continuation of high expectations in the quality of educators prepared at this institution, from increasing the diversity of the student population to revision of the program that addresses the use of technology in both preparation and instruction. Effective educators will demonstrate the attributes of high expectations in terms of scholarship, service and research as they prepare to become professionals in their respective fields. Graduates of the teacher education program are noted for their professionalism and their belief that all children can learn.

Committed to:

Excellence in Teaching – FMU School of Education and Social Sciences is committed to preparing teachers who understand the importance of pursuing excellence by developing the knowledge and skills to become effective teachers and continuing to develop their knowledge and skills throughout their careers. This commitment is reflected in faculty who model excellence in their own teaching, reflect on their work and aspire towards continuous improvement.

Active and Applied Learning – FMU School of Education and Social Sciences is committed to providing students with clinical experiences that allow them to practice the skills they are learning. Faculty members engage students in a variety of projects inside and outside the classroom to learn in an active and real manner.

Community Engagement – FMU School of Education and Social Sciences is committed to involving students in the community to learn with and from community member, programs, and professionals. The teacher education program reflects this commitment through strong and active partnership with P- 12 schools.

Global and Cultural Understanding – FMU School of Education and Social Sciences is committed to cultivating a multicultural and engaged campus that prepares students and faculty to embrace living, learning, and working in a diverse global community.

Admission to the Teacher Education Program

The curriculum for the Teacher Education Program is designed to be fulfilled in approximately two years after completion of the general education curriculum required by Florida Memorial University.

Students are admitted into the University as pre-education majors and must maintain an overall 2.5 GPA. Upon successful completion of all sections of the General Knowledge Test and a minimum overall 2.5 GPA, students are admitted into the School of Education and Social Sciences Teacher Preparation Program as education majors.

To qualify for full admittance into the School of Education and Social Sciences, the student must satisfy the following requirements:

- A minimum cumulative GPA of 2.5 at the completion of 30 credits.
- A passing score on all four sub-sections of the GK (General Knowledge)

TEACHER EDUCATION INTERNSHIP

Admission to the Teacher Education Internship

The culmination of the Teacher Education Program concludes with the Education Internship. The internship experience provides the vehicle for the pre-professional teachers to demonstrate teacher competencies by connecting theoretical with practical experiences through implementation of the teaching process. An internship application must be completed by the announced deadline one semester prior to the internship experience. Internship is completed during the last semester of the senior year. Before the internship program, students must satisfy the following requirements:

- An overall cumulative GPA of 2.5 or higher
- A GPA of 2.5. or higher in the major area
- A typed one-page essay entitled: My Philosophy of Education
- Successful completion of Pre-Student Teaching experiences
- Completion of course audit by the Coordinator /Advisor of the major area.

- Demonstrate competency of the Florida Educator Accomplished Practices for the Developing/Synthesis level Candidates for internship will be granted permission to register for the internship after all the above-mentioned requirements have been satisfied.

Graduation Requirements

Before graduating from the School of Education and Social Sciences' Professional Education Program, the student must have:

- Completed all requirements for the Professional Education Program.
- Passed the Professional Examination and the Subject Area examination of FTCE (Florida Teacher Certification Examination).
- Completed graduation requirements.
- Completed and submitted all appropriate materials for graduation with the Advisor/Major Area Coordinator. (Education programs are subject to change based on the recommendations from the Florida Department of Education for program approval in order to meet the state certification requirements).
- Paid the graduation fee.
- Demonstrate competency of the Florida Educator Accomplished Practices at the Validating level.
- Demonstrate competency of Domains/Standards for English Speaker of Other Languages.

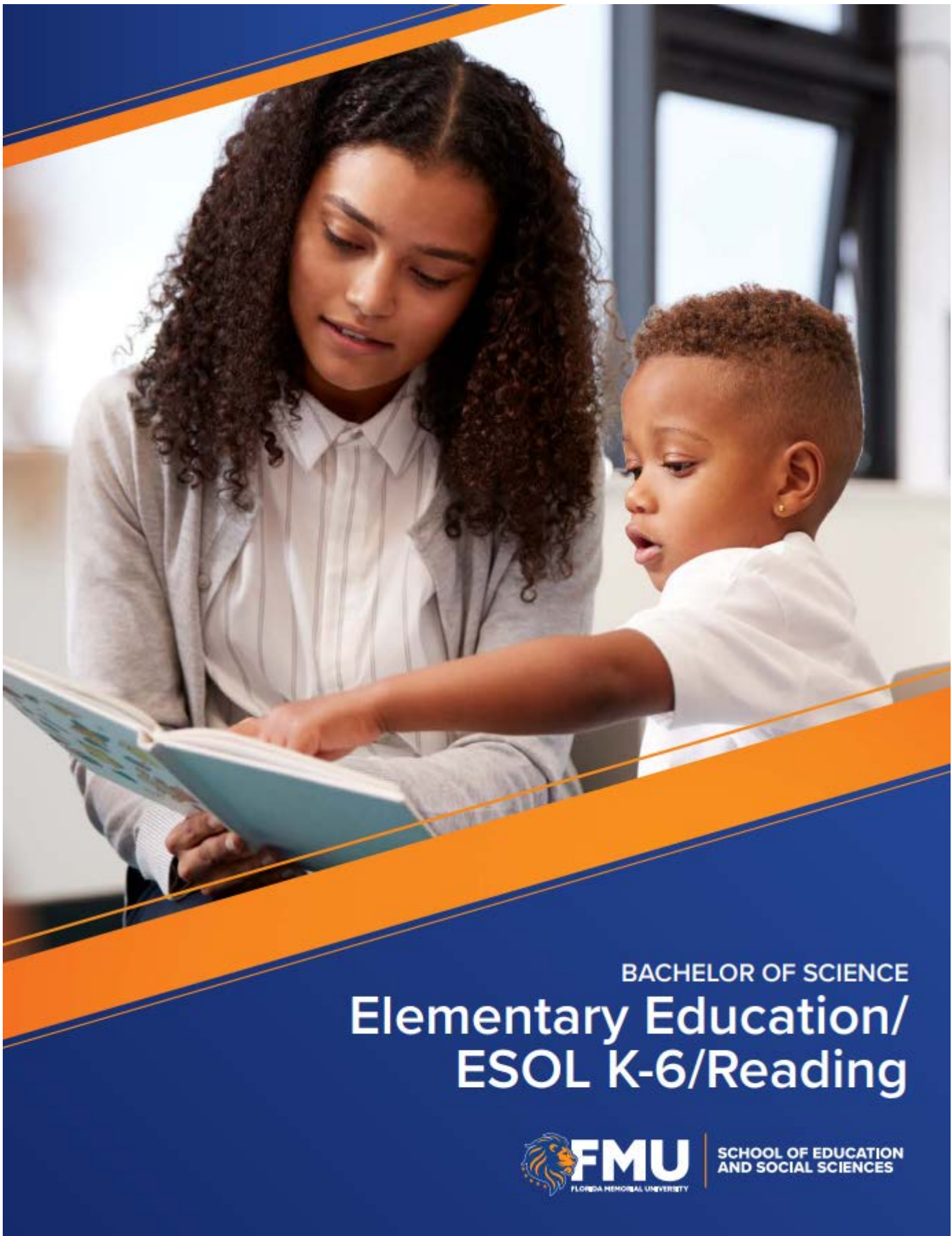
Elementary Education K-6 with ESOL K-6 and Reading Endorsements

Program Goals

- Teacher candidates will demonstrate competency of the 6 Educator Accomplished Practices
- Teacher candidates will successfully demonstrate the Florida Subject Area Competencies (SAC) for Program Area
- Teacher candidates will demonstrate competence of the Reading Endorsement Competencies
- Teacher candidates will demonstrate competency of the English Speakers of Other Languages Competencies.

Student Learning Outcomes

- The teacher candidate will be able to provide evidence to demonstrate competency for each of the 6 FEAPs at the Synthesis Level
- The teacher candidate will be able to provide evidence to demonstrate competency for each of the 6 FEAPs at the Validated Level
- The teacher candidate will provide evidence to demonstrate competency of the Florida subject Area Competencies in program major courses as indicated in SAC matrix.
- The teacher candidate will demonstrate competency Of the Florida Subject Area Competencies by passing the Subject Area Exam.
- The teacher candidate will provide evidence to demonstrate competency of all Reading Competencies.
- The teacher candidate will provide evidence to demonstrate competency of all the English Speakers of Other Languages Competencies.



BACHELOR OF SCIENCE
**Elementary Education/
ESOL K-6/Reading**



FMU
FLORIDA MEMORIAL UNIVERSITY

SCHOOL OF EDUCATION
AND SOCIAL SCIENCES

BACHELOR OF SCIENCE

Elementary Education/ ESOL K-6/Reading

The Elementary Education/ESOL program provides students with content, education theory, methods of teaching, and management principles and practices needed to address diverse learners. Students who complete this major are prepared to be professional elementary teachers or reading Interventionists in Florida's school system, which is the fourth largest in the nation. This degree program requires 125 credit hours for completion with an ESOL endorsement.

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
ENG	102	College Writing II	3
ENV	131	Earth Science	3
MAT	110	Intermediate Algebra	3
FMU	101	University 101	2
COM	103	Intro To Public Speaking	3
REA	101	Critical Thinking & Reading	3
TOTAL - 1 st SEMESTER			17
		Art 200 or Drama 200 or Music 200	3
BIO	101	Biological Science	3
BIO	103	Biological Science Lab	1
HIS	103	African American History I	3
EDU	102	Thinking Critically In Education	2
MAT	114	Finite Mathematics	3
TOTAL - 2 nd SEMESTER			15

SOPHOMORE			
Prefix	Course No.	Course	Credits
SSC	102	Contemporary Society II	3
EDU	207	Instructional Technology	3
PSY	200	Intro To Psychology	3
PSC	101	Physical Science	3
EDU	204	Teaching In Elementary School	3
TOTAL - 3 rd SEMESTER			15
HIS	200	U.S. History	3
REL	201	Intro To Philosophy	3
EDU	208	Human Growth & Learning	3
EDU	209	Instructional Design for Diverse Learners	3
	202	World Languages	3
TOTAL - 4 th SEMESTER			15

JUNIOR			
Prefix	Course No.	Course	Credits
EDU	307	Teaching Math In E.S.	3
EDU	304	Teaching Social Studies In E.S.	3
EDU	310	Principles Of Education Assessment	3
EDU	308	Teaching Reading In E.S.	3
EDU	426	Content Reading	3
EDU	313	Pre-Student Teaching	1
TOTAL - 5 th SEMESTER			16
EDU	302	Teaching Science In E.S.	3
GEO	302	Cultural Geography	3
ENG	460	Applied Linguistics	3
EDU	411	Diagnosis and Remedial	3
EDU	427	Teaching Language Art/Child	3
EDU	314	Pre-Student Teaching	1
TOTAL - 6 th SEMESTER			16

SENIOR			
Prefix	Course No.	Course	Credits
EDU	315	Pre-Student Teaching	1
EDU	408	Classroom Behavioral Management	3
ESO	402	Methods of Teaching ESOL	3
EDU	433	Applications of Assessment with Data Interpretation and Utilization	3
ESE	410	Strategies for Students with Disabilities In Inclusive Environments	3
TOTAL - 7 th SEMESTER			13
EDU	450	Internship	9
EDU	432	Supervised Practicum In Reading	3
EDU	311	Ethics & Law In Education	3
TOTAL - 8 th SEMESTER			15

Applicants can apply for the TEACH Grant as well as receive a 25% discount as a full-time teacher.

REVISED SPRING 2025 06/04/2025



FMU

**SCHOOL OF EDUCATION
AND SOCIAL SCIENCES**

For more information please contact the School of Education 305-623-4279 or soed@fmuniv.edu.

Bachelor of Science Elementary Education K-6 with ESOL K-6 and Reading Endorsements

Program Goals

- Teacher candidates will demonstrate competency of the 6 Educator Accomplished Practices (FEAPs).
- Teacher candidates will successfully demonstrate the Florida Subject Area Competencies (SAC) for the program area.
- Teacher candidates will demonstrate competence of the Reading Endorsement Competencies.
- Teacher candidates will demonstrate competency of the English Speakers of Other Languages (ESOL) Competencies.

Student Learning Outcomes (SLOs)

- The teacher candidate will be able to provide evidence to demonstrate competency for each of the 6 FEAPs at the Synthesis Level.
- The teacher candidate will be able to provide evidence to demonstrate competency for each of the 6 FEAPs at the Validated Level.
- The teacher candidate will provide evidence to demonstrate competency of the Florida Subject Area Competencies in program major courses as indicated in the SAC matrix.
- The teacher candidate will demonstrate competency of the Florida Subject Area Competencies by passing the Subject Area Exam.
- The teacher candidate will provide evidence to demonstrate competency of all Reading Endorsement Competencies.
- The teacher candidate will provide evidence to demonstrate competency of all the English Speakers of Other Languages (ESOL) Competencies.

Department of Social Sciences

Programs Offered

The Department of Social Sciences offers the following degree programs:

- Bachelor of Arts in Criminal Justice
- Bachelor of Arts in Criminal Justice with a Concentration in Criminology
- Bachelor of Arts in Law and Government
- Bachelor of Arts in Sociology
- Bachelor of Social Work
- Bachelor of Science in Psychology
- Master of Science in Criminology (See graduate catalog)
- Master of Social Work (See graduate catalog)

Mission Statement

The mission of the Department of Social Sciences is to advance the intellectual, analytical, and communication skills of its students and to prepare them for the challenges of a diverse, global society. The Department further aims to nurture character that will enable students to function with proficiency and compassion within the human family. The Department is committed to providing quality instruction, advisement, and mentorship. The faculty encourages and supports student research by providing applied technological learning opportunities in research methods and statistics and assisting students in developing a defensible senior project.

Goals

The goals of the Department are:

- Nurture qualities which enable students to function with proficiency and compassion within the human family
- Empower students to function in a global society by allowing them opportunities to learn more about themselves and their society
- Develop critical analytical thinking and writing skills
- Develop leadership skills
- Prepare students for entry into graduate and professional school and
- Prepare students for entry-level positions in government and the private sector.

Student Learning Outcomes

- Demonstrate understanding of theories, concepts, ideas, methods, models and arguments prevalent in a variety of social science disciplines
- Understand the shifting theoretical paradigms within the social sciences and within the disciplines
- Communicate effectively through oral and written communication.
- Demonstrate an analytical and problem- solving ability in a systematic and logical manner
- Conduct empirical research by utilizing both quantitative and qualitative methodologies to produce an acceptable scholarly study and be able to present the findings in a logical and coherent manner and
- Utilize appropriate technologies to conduct research and communicate effectively in a cogent manner.

To ensure student achievement, faculty members of the Department of Social Sciences utilize a variety of teaching and evaluation techniques, engage students in research activities, and promote exceptional learning through internships and service learning.

Minors are offered in all social sciences degree-granting areas, as well as in African American Studies and History.



BACHELOR OF ARTS
Criminal Justice



SCHOOL OF EDUCATION
AND SOCIAL SCIENCES

PROGRAM DESCRIPTION

The Criminal Justice program empowers students to become critical thinkers, problem-solvers, policy initiators, ethical actors, and competent administrators in crime prevention and critically engage in the study of crime and criminal behavior. The curricula are dynamic and innovative and provide substantive and practical instruction that connects social-scientific theories with appropriate methodologies to serve a diverse, multicultural environment.

CAREER OPPORTUNITIES

Students who choose to major in Criminal Justice or Criminal Justice with a Concentration in Criminology will be prepared for opportunities in all areas of the Criminal Justice System and the private sector. Specifically, students will be ready to pursue careers in various fields such as law enforcement, the court system, corrections, the private sector (i.e., private security, private investigator, loss prevention), and applied research.

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
FMU	101	University 101	2
CSC	101	Intro to Computers	3
ENG	101	College Writing I	3
REL		Intro to Religion or Philosophy	3
MAT	106	Math for Liberal Arts I	3
REA	101	Critical Thinking & Reading	3
TOTAL - 1 st SEMESTER			17
SSS	102	Critical Thinking in Social Science	2
ENG	102	College Writing II	3
MAT	107	Math for Liberal Arts II	3
		Scientific Inquiry	3
HIS		African Diaspora and the World	3
PSY	200	Intro to Psychology	3
TOTAL - 2 nd SEMESTER			17

JUNIOR			
ENG	309	Advanced Grammar & Composition	3
CRJ	303	Probation and Parole	3
SOC	309	Sociology of Deviance	3
CRJ	403	Police Administration	3
POL	302	State & Local Government	3
TOTAL - 5 th SEMESTER			15
CRJ	405	Law Enforcement	3
CRJ	407	Constitutional Law I	3
CRJ	409	Court Procedures and Criminal Evidence	3
SSC	300	Research Methods (Pre-Req: PSY312)	3
TOTAL - 6 th SEMESTER			12

SOPHOMORE			
Prefix	Course No.	Course	Credits
CRJ	200	Intro to Criminal Justice	3
COM	103	Intro to Public Speaking	3
		Humanities/Fine Arts	3
	201	World Language I	3
SOC	200	Intro to Sociology	3
PSY	312	Intro to Statistics	3
TOTAL - 3 rd SEMESTER			18
CRJ	301	Criminal Law I	3
CRJ	304	Causes and Prevention of Delinquency and Crime	3
CRJ	307	Criminology	3
POL	301	US Government	3
PSY	401	Advanced Statistics (Pre-Req: PSY 312)	3
	202	World Language II	3
TOTAL - 4 th SEMESTER			18

SENIOR			
SSC	423	Senior Project (Pre-Req: Ssc300)	3
CRJ/SSC	421/419	Field Placement I	3
		Elective	3
		Elective	3
TOTAL - 7 th SEMESTER			18
		Elective	3
		Elective	3
		Approved Elective	3
		Approved Elective	3
TOTAL - 8 th SEMESTER			12

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

Bachelor of Arts in Criminal Justice

Program Goals

- Students will demonstrate substantive knowledge in the field of criminal justice, including law enforcement, judicial and penal systems by engaging in scenario-based learning and applying theories to practice.
- Students will demonstrate the ability to effectively communicate in legal terminology of the criminal justice system by developing enhanced speaking and writing skills, critical thinking, analytical, and problem-solving skills.
- Students will be able to demonstrate the ability to conduct scientific research using both quantitative and qualitative methods and be able to analyze and interpret data relevant to policy areas in criminal justice.
- Students will demonstrate the ability to understand the ethical implications of criminal justice work and be able to perform with integrity.

Student Learning Outcomes

Upon completion of the Criminal Justice Program, the graduate will be able to:

- Understand and critically analyze criminal justice, criminological, criminal law and delinquency concepts, theories and models.
- Perform and function effectively in any professional environment with a full understanding of the scope and importance of ethical behavior.
- Conduct scientific research using both quantitative and qualitative methods, analyze, and interpret data relevant to policy areas in criminal justice.
- Analyze the organizational, cultural and institutional characteristics and operations of the major criminal justice system, including law enforcement, corrections, courts, adjudications and the sociopolitical and legal implications.

Electives

All courses that are not designated as required courses for your major or as General Education requirements will be classified as electives. This includes courses from any department or discipline at the 200 level and above. Courses at the 300 level or above will be considered approved electives for degree requirements. All courses at the 200 level and above will be regarded as general electives. Courses 300 level or above can also be counted as general electives.

BACHELOR OF ARTS
Criminal Justice
with a concentration in Criminology



SCHOOL OF EDUCATION
AND SOCIAL SCIENCES

PROGRAM DESCRIPTION

The Criminal Justice program empowers students to become critical thinkers, problem-solvers, policy initiators, ethical actors, and competent administrators in the practice of crime prevention and the study of crime and criminal behavior. The curricula are dynamic, innovative and provide both substantive and practical instruction that connect social-scientific theories with appropriate methodologies to serve a diverse multicultural environment.

CAREER OPPORTUNITIES

Students who choose to major in Criminal Justice or Criminal Justice with a Concentration in Criminology will be prepared for opportunities in all areas of the Criminal Justice System as well as in the private sector. Specifically, students will be prepared to pursue careers in various fields such as: law enforcement, the court system, corrections, the private sector (i.e., private security, private investigator, loss prevention), and applied research.

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
FMU	101	University 101	2
CSC	101	Intro to Computers	3
ENG	101	College Writing I	3
		Religion and Philosophical Inquiry	3
MAT	106	Math for Liberal Arts I	3
REA	101	Critical Thinking & Reading	3
TOTAL - 1st SEMESTER			17
SSS	102	Critical Thinking in Social Science	2
ENG	102	College Writing II	3
MAT	107	Math for Liberal Arts II	3
PSY	200	Intro to Psychology	3
HIS		African Diaspora and the World	3
REL		Intro to Religion or Philosophy	3
TOTAL - 2nd SEMESTER			17

MAJOR COURSES			
CRJ	307	Criminology	3
SOC	309	Sociology of Deviance	3
CRJ	405	Law Enforcement	3
CRJ	407	Constitutional Law I	3
BIO	130	Principles of Biology	3
BIO	131	Principles of Biology Lab	1
TOTAL - 5th SEMESTER			16
CRJ	407	Constitutional Law I	3
CRJ	409	Court Procedures and Criminal Evidence	3
CRJ	411	Drugs, Alcohol & Crime	3
PSY	308	Personality Theory	3
TOTAL - 6th SEMESTER			12

FRESHMAN/SOPHOMORE			
Prefix	Course No.	Course	Credits
CRJ	200	Intro to Criminal Justice	3
COM	103	Intro to Public Speaking	3
		Scientific Inquiry	3
	201	World Language I	3
SOC	200	Intro to Sociology	3
PSY/SCC	312/302	Intro to Statistics	3
TOTAL - 3rd SEMESTER			18
CRJ	301	Criminal Law I	3
CRJ	305	Confinement Facilities	3
ENG	309	Advanced Grammar & Composition	3
POL	301	US Government	3
PSY	401	Advanced Statistics (Pre Req: PSY 312)	3
	202	World Language II	3
TOTAL - 4th SEMESTER			18

MAJOR COURSES			
SSC	300	Research Methods (Pre-Req: PSY 312)	3
CRJ	412	Criminal Investigations	3
CRJ	403	Police Administration	3
		Elective	3
TOTAL - 7th SEMESTER			12
SSC	423	Senior Project (Pre-Req: SSC 300)	3
		Elective	3
		Approved Elective	3
		Approved Elective	3
TOTAL - 8th SEMESTER			12

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

REVISED SPRING 2025 06/04/2025

Bachelor of Arts in Criminal Justice (Concentration in Criminology)

Program Goals

- Students will demonstrate substantive knowledge in the field of criminal justice, including law enforcement, judicial and penal systems by engaging in scenario-based learning and applying theories to practice.
- Students will demonstrate the ability to effectively communicate in legal terminology of the criminal justice system by developing enhanced speaking and writing skills, critical thinking, analytical, and problem-solving skills.
- Students will be able to demonstrate the ability to conduct scientific research using both quantitative and qualitative methods and be able to analyze and interpret data relevant to policy areas in criminal justice.
- Students will demonstrate the ability to understand the ethical implications of criminal justice work and be able to perform with integrity.

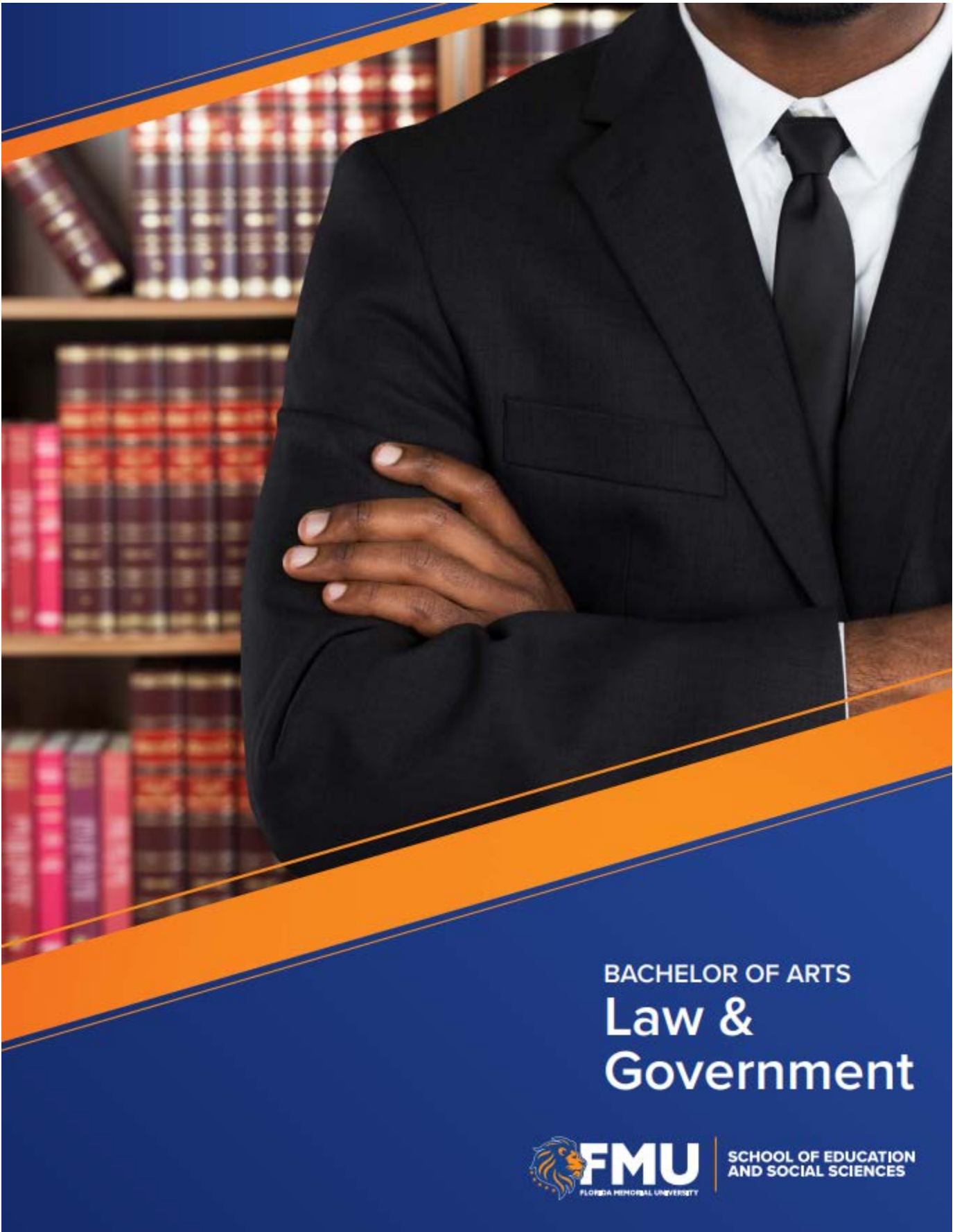
Program Student Learning Outcomes

Upon completion of the Criminal Justice Program, the graduate will be able to:

- Understand and critically analyze criminal justice, criminological, criminal law and delinquency concepts, theories and models.
- Perform and function effectively in any professional environment with a full understanding of the scope and importance of ethical behavior.
- Conduct scientific research using both quantitative and qualitative methods, analyze, and interpret data relevant to policy areas in criminal justice.
- Analyze the organizational, cultural and institutional characteristics and operations of the major criminal justice system, including law enforcement, corrections, courts, adjudications and the sociopolitical and legal implications.

Electives

All courses that are not designated as required courses for your major or as General Education requirements will be classified as electives. This includes courses from any department or discipline at the 200 level and above. Courses at the 300 level or above will be considered approved electives for degree requirements. All courses at the 200 level and above will be regarded as general electives. Courses 300 level or above can also be counted as general electives.



BACHELOR OF ARTS
**Law &
Government**



SCHOOL OF EDUCATION
AND SOCIAL SCIENCES

BACHELOR OF ARTS Law & Government



FMU

**SCHOOL OF EDUCATION
AND SOCIAL SCIENCES**

PROGRAM DESCRIPTION

The Bachelor of Arts in Law and Government is an interdisciplinary liberal arts degree program that blends Pre-Law, Political Science, and Public Administration. It serves as a flagship for these disciplines and is committed to scholars focused on developing global, regional, and national expertise in law, government, and public policy. This degree program requires a minimum of 121 hours for completion.

CAREER OPPORTUNITIES

Federal, State, and Local government, Law Practices/Legal Services, Policy Analysts, Political Campaigning, Strategy and Operations, Poll Surveying and Analysis, Public Planning, Public Policy, Budget Analysis, and Public Service in general. Other areas include education, journalism, advocacy groups, and non-profit organizations. Graduates are also encouraged to continue their studies in graduate school or law school.

DEGREE CHECKLIST

FIRST-YEAR CORE REQUIREMENTS			
Prefix	Course No.	Course	Credits
FMU	101	University 101	2
CSC	101	Intro To Computers	3
ENG	101	College Writing I	3
MAT	106	Liberal Arts I	3
REA	101	Critical Thinking & Reading	3
		Humanities/Fine Arts: MUS, DRA, or THE	3
TOTAL - 1st SEMESTER			17
SSS	102	Critical Thinking In Social Sciences	2
ENG	102	College Writing II	3
MAT	107	Liberal Arts II	3
HIS		African Diaspora and the World	3
COM	103	Intro to Public Speaking	3
REL		Religion or Philosophy Inquiry	3
TOTAL - 2nd SEMESTER			17

JUNIOR/SENIOR MAJOR COURSES			
POL	311	Comparative Government (Pre-Req: POL 301)	3
POL	337	Public Policy Analysis (Spring)	3
PAD	301	Concepts And Issues of Public Administration (Fall)	3
CRJ	302	Criminal Law II (Pre-Req: CRJ 200)	3
CRJ	408	Constitutional Law II (Pre-Req: CRJ 200)	3
TOTAL - 5th SEMESTER			15
CRJ	409	Criminal Evidence & Court Procedure (Pre-Req: CRJ 200)	3
SSC	300	Research Methods (Pre-Req: PSY 312)	3
		Elective	3
		General Elective	3
TOTAL - 6th SEMESTER			12

FRESHMAN/SOPHOMORE MAJOR COURSES			
Prefix	Course No.	Course	Credits
CRJ	200	Intro To Criminal Justice	3
POL	200	Intro To Political Science (Fall)	3
ENG	309	Advanced Grammar And Composition	3
POL	301	U.S. Government	3
	201	World Languages I	3
PSY	312	Intro To Statistics	3
TOTAL - 3rd SEMESTER			18
CRJ	301	Criminal Law I (Pre-Req: CRJ 200)	3
CRJ	407	Constitutional Law I (Pre-Req: CRJ 200)	3
		Social/Behavioral Science: SOC, SSC or PSY	3
POL	302	State and Local Government (Spring)	3
		Scientific Inquiry	3
	202	World Languages II	3
TOTAL - 4th SEMESTER			18

JUNIOR/SENIOR MAJOR CLASSES			
POL	436	Political Theory (Spring)	3
POL	438	International Law & Organizations (Fall)	3
CRJ/SSC	421/419	Field Placement	3
SSC	423	Senior Project (Pre-Req: SSC 300)	3
TOTAL - 7th SEMESTER			12
		Approved Elective	3
		Approved Elective	3
		Approved Elective	3
		Approved Elective	3
		General Elective	3
TOTAL - 8th SEMESTER			15

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

Bachelor of Arts in Law & Government

Program Goals

1. Substantive knowledge in Law and Political Science.
2. Develop critical thinking, analytical and problems solving skills.
3. Develop verbal and written communication skills.
4. Develop the ability to conduct empirical research and use appropriate technology.

Student Learning Outcomes

Upon completion of the Law & Government Program, the graduate will:

1. Demonstrate knowledge of discipline by identifying, describing, and discussing the major concepts, theories, processes, facts, and pertinent literature pertaining to Law and Political Science.
2. Demonstrate improved critical thinking, analytical and problem-solving skills in law and political science.
3. Demonstrate an ability to use technology in conducting research and making oral presentations.
4. Demonstrate an ability to conduct empirical research and interpret data by using both quantitative and qualitative methods of analysis.

Graduation Requirements:

This degree program requires a minimum of 121 semester hours for completion.

Electives

All courses that are not designated as required courses for your major or as General Education requirements will be classified as electives. This includes courses from any department or discipline at the 200 level and above. Courses at the 300 level or above will be considered approved electives for degree requirements. All courses at the 200 level and above will be regarded as general electives. Courses 300 level or above can also be counted as general electives.



BACHELOR OF ARTS
***Professional and
Leadership
Studies***



SCHOOL OF EDUCATION
AND SOCIAL SCIENCES

PROGRAM DESCRIPTION

The Professional and Leadership Studies (P.A.L.S.) program prepares students to become effective leaders across business, education, government, and community settings. With a focus on ethical leadership, communication, and problem-solving, students gain the skills to address real-world challenges and drive positive change.

CAREER OPPORTUNITIES

Graduates are equipped for careers in project management, human resources, training and development, organizational leadership, and community programs. The degree also provides a strong foundation for graduate study and emerging fields such as diversity leadership, strategic communications, and workforce development.

I. GENERAL CORE CURRICULUM			
Course Prefix	Course No.	Course Title	Credit Hour
COM		INTRO TO PUBLIC SPEAKING	3
CSC		INTRO TO COMPUTERS	3
ENG	102	COLLEGE WRITING II	3
FMU	101	UNIVERSITY 101	2
	102	CRITICAL THINKING IN DEPARTMENT	2
		SOCIETY and GLOBAL INQUIRY (HUM/VPA)	3
		SOCIETY and GLOBAL INQUIRY (SSC)	3
REL		RELIGION and/or PHILOSOPHICAL INQUIRY	3
		SCIENTIFIC INQUIRY	3
	202	WORLD LANGUAGES II	3
HIS		AFRICAN DIASPORA AND THE WORLD	3
MAT	111/107 or Higher	COLLEGE ALGEBRA/LIBERAL ARTS MATH II OR HIGHER	3
34 Cr. Hrs.			
II. META-MAJOR COURSE CURRICULUM			
Complete 39 credits from one of the following meta major groups: 24 credits from 200/300 level and 15 credits from 400 level classes. [Must be different from the Minor Concentration.]			Credit Hour
<u>School of Arts & Sciences:</u> (Aviation, Computer Science & Math, Visual & Performing Arts, Social Sciences, Health & National Sciences, Humanities) or			39 Cr. Hrs.
School of Business OR			
School of Education			
III. META-MINOR COURSE CURRICULUM			
Complete 18 credits from one of the following meta major groups: 12 credits from 200/300 level and 6 credits from 400 level classes. [Must be different from the Major Concentration.]			Credit Hour
School of Arts & Sciences OR			18 Cr. Hrs.
School of Business OR			
School of Education			
IV. ELECTIVE COURSES			
Complete 30 credits of free electives at the student's choosing.			Credit Hours
Free Electives			30 Cr. Hrs.

For more information, please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

Bachelor of Arts in Professional and Leadership Studies

The Bachelor of Arts in Professional and Leadership Studies (PALS) is a general studies degree program that is designed for self-directed students who desire a tailored academic course of study with a unified focus based on their goals and interest. Though this type of degree has been around for centuries, a recent resurgence in its popularity is due in part to a movement towards more individuality, as well as students reluctant to lock themselves into one specific field of study. The purpose of the degree program is (1) to provide flexibility to students with broad interests; (2) to offer an option to those with new interests or those changing their majors late in their academic careers; and, (3) to prepare students for entry into graduate and professional programs. The Professional and Leadership Studies program provides students with educational opportunities, experiences, and career direction to meet their professional and academic goals. A general studies degree is often highly desirable in a rapidly changing world and provides greater flexibility in creating a curriculum for an undergraduate degree. The goals of the degree is for students to (1) develop intellectual and practical skills; (2) explore essential knowledge, perspectives, and methods in the meta majors in the Arts & Sciences (Aviation, Computer Science & Math, Visual & Performing Arts, Social Sciences, Health & Natural Sciences), Business, or Education; and, (3) understand the global interconnectedness of diverse individuals, communities and societies.

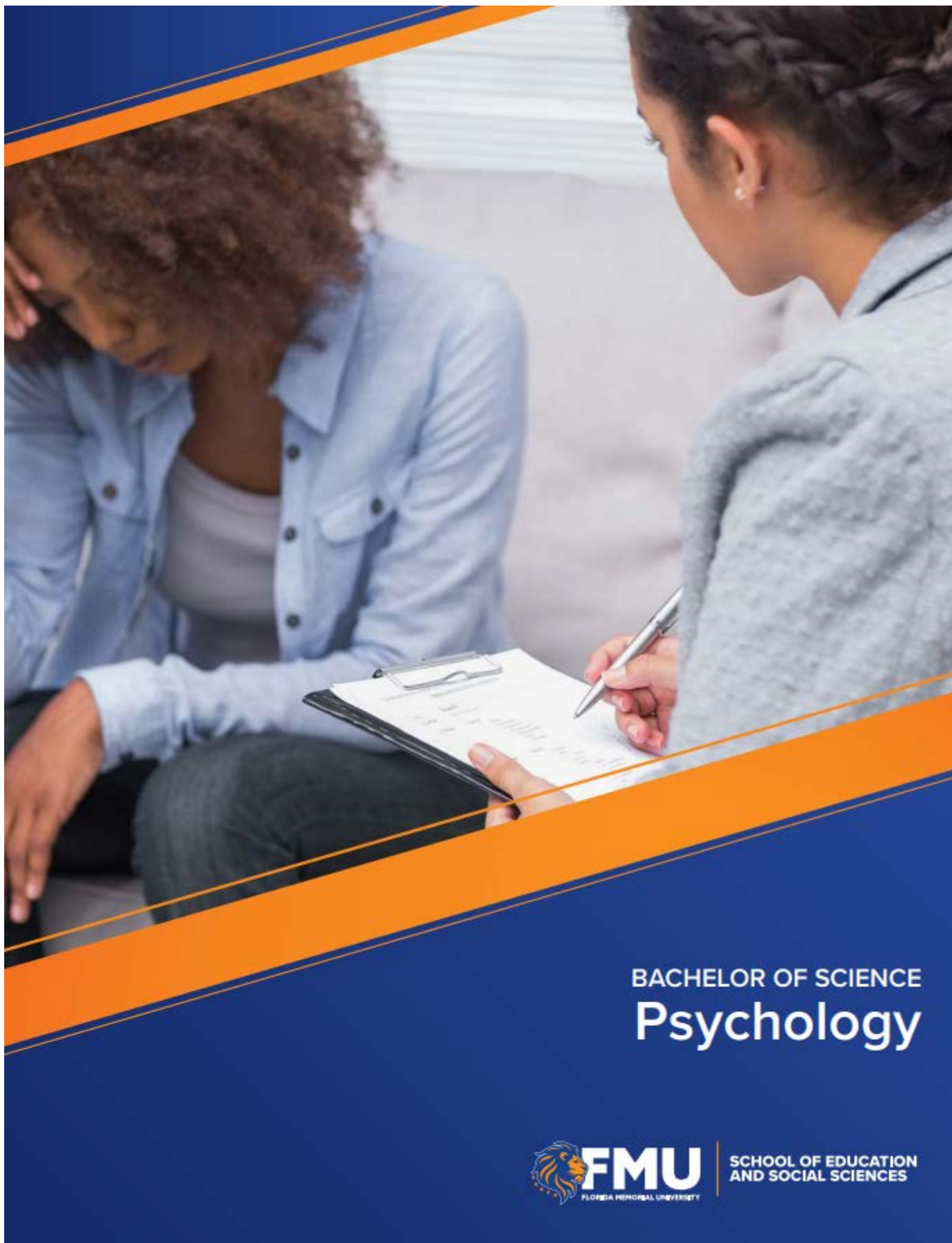
Student Learning Outcomes

Upon completion of the Law & Government Program, the graduate will:

1. Students will be able to demonstrate ethical leadership practices by applying principles of integrity, equity, and social responsibility in organizational and community contexts.
2. Students will be able to effectively communicate ideas, solutions, and strategies—both orally and in writing—while fostering collaboration across diverse teams and stakeholders.
3. Students will be able to analyze complex organizational and societal challenges, evaluate multiple perspectives, and design evidence-based solutions to address real-world problems.
4. Students will be able to integrate knowledge from their major and minor concentrations to develop career-ready skills, while demonstrating adaptability and preparedness for graduate study or evolving workforce demands.

Graduation Requirements:

This degree is designed to prepare for professional studies as well as to teach the broad spectrum of the social sciences. This degree requires 121 credit hours for completion.



BACHELOR OF SCIENCE
Psychology



SCHOOL OF EDUCATION
AND SOCIAL SCIENCES



PROGRAM DESCRIPTION

The undergraduate psychology program is a dynamic, integrative, student-centered program characterized by both an academic and service orientation. In terms of its academic emphasis, the program provides students with rigorous academic training to prepare them for graduate careers. The program is geared towards training students to enter various occupations in terms of its service orientation.

CAREER OPPORTUNITIES

Some typical jobs in this field are career counselor, psychiatric technician, rehabilitation specialist, and case manager. These jobs all require skills that a bachelor's degree in psychology provides, such as the ability to evaluate a client's needs, keep accurate and organized records, express empathy and compassion, and work towards your client's best interests.

DEGREE CHECKLIST

FRESHMAN			
Prefix	Course No.	Course	Credits
FMU	101	University 101	2
CSC	101	Intro to Computers	3
ENG	101	College Writing I	3
REL		Intro to Religion or Philosophy	3
MAT	106	Liberal Arts I	3
REA	101	Critical Thinking & Reading	3
TOTAL - 1 st SEMESTER			17
SSS	102	Critical Thinking in Social Science	2
ENG	102	College Writing II	3
MAT	107	Liberal Arts II	3
		Scientific Inquiry	3
HIS	103	African Diaspora and the World	3
SOC	200	Intro to Sociology	3
TOTAL - 2 nd SEMESTER			17

SOPHOMORE			
PSY	200	Intro to Psychology	3
COM	103	Intro to Public Speaking	3
		World Language I	3
		Humanities/Fine Arts	3
PSY	312	Intro to Statistics	3
TOTAL - 3 rd SEMESTER			15
PSY	302	Clinical Psychology	3
SOC	305	Group Dynamics	3
	202	World Language II	3
PSY	401	Advanced Statistics (Pre-Req: PSY312)	3
		Elective	3
TOTAL - 4 th SEMESTER			15

JUNIOR			
PSY	306	Developmental Psychology	3
PSY	403	Psychology of Learning	3
PSY	406	Social Psychology	3
		Elective	3
		Elective	3
TOTAL - 5 th SEMESTER			15
SSC	300	Research Methods (Pre Req: PSY312)	3
PSY	407	Psych. of the African American	3
PSY	308	Personality Theory	3
		Approved Elective	3
		Approved Elective	3
TOTAL - 6 th SEMESTER			15

SENIOR			
PSY	408	Practicum I	3
SSC	423	Senior Project (Pre-Req: SSC300)	3
		Elective Requirement	3
		Approved Elective	3
		Approved Elective	3
TOTAL - 7 th SEMESTER			15
PSY	409	Practicum II (Pre-Req: PSY409)	3
PSY	402	Clinical Inter-and Behav Assess	3
		Approved Elective	3
		Approved Elective	3
TOTAL - 8 th SEMESTER			12

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

Bachelor of Science in Psychology

Program Goals

The program goals are to:

1. Substantive knowledge of the theoretical and empirical basis of psychology that will allow them to excel in their graduate careers
2. Prerequisite competencies that will enable the application of psychological knowledge to the process of personal and social transformation within the context of a global and culturally diverse society.

Student Learning Outcomes

Upon completion of the Psychology Program, graduates will

- Demonstrate understanding of the basic terminology, concepts, theoretical perspectives, empirical studies, and historical trends in psychology
- Demonstrate understanding of the major topic areas in psychology (such as the biological basis of behavior, social psychology, human development, personality development and dynamics, psychological disorders and therapy).
- Demonstrate an understanding of the major research methods and related concepts including research design and analysis
- Demonstrate their ability to conduct research on psychology related issues and present their research orally as well as in the form of a paper that conforms to APA guidelines.
- Demonstrate an ability to use writing as a means of applying psychological principles to personal, social, and organizational issues.
- Demonstrate an understanding of how psychology may be applied in real life settings as reflected in their writing assignments, by performance on the internship requirement or other field experience and/or in a statement indicating that through writing assignments they have been able to apply psychological knowledge to real life concerns.
- Demonstrate an understanding of how psychology may be applied within the context of a multicultural world in ways that further develop one's level of multicultural competence.

Graduation Requirements:

This degree program requires at least 120 semester hours for completion.

Electives

All courses that are not designated as required courses for your major or as General Education requirements will be classified as electives. This includes courses from any department or discipline at the 200 level and above. Courses at the 300 level or above will be considered approved electives for degree requirements. All courses at the 200 level and above will be regarded as general electives. Courses 300 level or above can also be counted as general electives.



BACHELOR OF Social Work



SCHOOL OF EDUCATION
AND SOCIAL SCIENCES

PROGRAM DESCRIPTION

The Social Work program is carefully designed to prepare students to utilize social work ethical principles to guide professional practice, apply critical thinking skills to inform and communicate professional judgment, advance human rights and social and economic justice, and engage in research-informed practice and practice-informed research.

CAREER OPPORTUNITIES

The program prepares students to enter into an advanced standing graduate program in social work or enter the labor market in various non-clinical positions in the social services field. These non-clinical positions have traditionally been case managers, community outreach workers, mental health assistants, and residential counselors. However, more recently, graduates have pursued innovative career tracks such as diversity and inclusion managers, public policy advocates, behavioral health program managers, research gerontologists, labor relations managers, and military social workers.

FRESHMAN			
Prefix	Course No.	Course	Credits
FMU	101	University 101	2
CSC	101	Intro to Computers	3
ENG	101	College Writing I	3
REL		Intro to Religion or Philosophy	3
MAT	106	Liberal Arts II	3
REA	101	Critical Thinking and Reading	3
TOTAL - 1 st SEMESTER			17
SSS	102	Critical Thinking in Social Science	2
ENG	102	College Writing II	3
MAT	107	Liberal Arts II	3
		Scientific Inquiry	3
PSY	200	Intro to Psychology	3
		Humanities/Fine Arts	3
TOTAL - 2 nd SEMESTER			17

JUNIOR			
SOW	302	Human Behavior/Environment (Pre Req: SOW 300, 301)	3
SOW	405	Social Policy (Pre-Req: SOW 300)	3
SOW	408	Social Work Writing Techniques (Pre-Req: SOW 300, 301)	1
SOW	409	Social Work Practice I (Pre-Req: SOW 300, 301)	3
		Elective	3
		Elective	3
TOTAL - 5 th SEMESTER			16
		Approved Elective	3
		Approved Elective	3
		Approved Elective	3
		Approved Elective	3
		Approved Elective	3
TOTAL - 6 th SEMESTER			15

SOPHOMORE			
Prefix	Course No.	Course	Credits
SOW	300	Intro to Social Work	3
COM	103	Intro to Public Speaking	3
PSY	312	Intro to Statistics	3
	201	World Language I	3
SOC	200	Intro to Sociology	3
HIS		African Diaspora and the World	3
TOTAL - 3 rd SEMESTER			18
POL	301	US Government	3
SOW	301	Human Behavior/Dynamics (Pre-Req: SOW 300)	3
SOW	303	Social Work Research Methods (Pre-Req: PSY312)	3
	202	World Language II	3
		Elective	3
TOTAL - 4 th SEMESTER			15

SENIOR			
SOW	410	Social Work Practice II (Pre. Req: SOW 408, 409) (Fall)	3
SOW	411	Field Practicum & Seminar I (Pre. Req: SOW 302, 303, 409) (Fall)	6
SOW	413	Senior Project (Pre. Req: SOW 302, 303, 409) (Fall)	3
TOTAL - 7 th SEMESTER			12
SOW	412	Field Practicum & Seminar II (Pre. Req: SOW 405, 409, 411) (Spring)	6
SOW	414	Social Work Practice III (Pre. Req: SOW 409, 410, 411, 413) (Spring)	3
		Approved Elective	3
TOTAL - 8 th SEMESTER			12

For more information please contact the School of Arts and Sciences at 305.623.1402 and SOAS@fmuniv.edu.

Bachelor of Social Work

Mission

The mission of the Bachelor of Social Work Program is to prepare competent generalist social workers with practice knowledge, skills, and values to improve the quality of life for individuals, families, groups, communities, and organizations. Graduates of the program will have an understanding of the impact of political, economic, and social inequalities on the well-being of populations-at-risk and a commitment to assume leadership in working to empower at-risk individuals, families, and communities. The curriculum is designed to foster an appreciation of the traditions, values, and strengths of diverse cultures in the global community. The Bachelor of Social Work is committed to encouraging students to pursue advanced graduate level social work education and to pursue lifelong professional development.

Program Goals

The goals of the Bachelor of Social Work Program are:

1. To prepare graduates for positions as competent generalist social workers with the evidence-informed practical knowledge, skills, and values base needed to improve the quality of life for individuals, families, groups, communities, and organizations in culturally diverse communities in the United States and other countries, and for ongoing professional development.
2. To prepare graduates with the ability to understand and critically apply knowledge and skills that reflect the capacity to practice without discrimination with clients who vary in terms of their race, color, ethnicity, gender, sex, sexual orientation, class, age, disability, marital status, family structure, national origin, cultural background, immigration status, and religion.
3. To prepare graduates who understand and critically apply evidence-informed theoretical person and environment frameworks of human development and behavior as well as those relevant to interactions among and between individuals, families, groups, organizations, and communities.
4. To prepare graduates to understand the theoretical frameworks that explain the presence and impact of political, social, and economic oppression and discrimination on individuals, families, groups, communities, and organizations; to appreciate the social work profession's historical commitment to addressing societal inequities; and to demonstrate the knowledge, skills and values needed to assume leadership in influencing social policies and empowering at-risk individuals, families, groups, and communities.
5. To prepare graduates to be able to engage in self-reflective, self-critical generalist practice with multiple-level client systems in a range of organizational settings, effectively using professional supervision and consultation.

Student Learning Outcomes:

Graduating social work students will demonstrate the following learning outcomes/ competencies:

- Identify themselves as professional social workers and conduct themselves accordingly.
- Apply social work ethical principles to guide professional practice.
- Apply critical thinking to inform and communicate professional judgments.
- Engage diversity and difference in practice.
- Advance human rights and social and economic justice.

- Engage in research-informed practice and practice informed-research.
- Apply knowledge of human behavior and the social environment.
- Engage in policy practice to advance social and economic well-being and to deliver effective social work services.
- Respond to contexts that shape practice.
- Engage, assess, intervene, and evaluate with individuals, families, groups, organizations, and communities.

Admission to the Bachelor of Social Work Program

The curriculum for the Bachelor of Social Work major is designed to be fulfilled in approximately two years after completion of the general education program for social work majors required by Florida Memorial University and completion of SOW 300, Introduction to Social Work. Although students may declare social work as a major upon admission to the University, students are not fully admitted into the program until they have submitted a formal application and have been formally accepted into the program. The applicant must demonstrate the characteristics or potential required for competent social work practice as defined in the mission statement of the program and the standards of the profession. The following are the minimum requirements for admission to the program:

1. Completion of a minimum of 45 credit hours with a minimum cumulative grade point average (GPA) of 2.5 on a scale
2. Satisfactory completion of SOW 300, Introduction to Social Work with a grade of “C” or higher
3. Attainment of a minimum grade of “C” in all social work courses completed
4. Satisfactory completion of the Social Work Major Application Form, accompanied by a personal essay, a resume as well as two reference letters from faculty with whom the student has completed at least one course, with a completed copy of the Social Work Major Application Reference form attached to each reference letter
5. Satisfactory completion of the Social Work Program Admissions Interview.

The Social Work Admissions Committee reviews applications, conducts an interview with each applicant, and subsequently determines acceptance into the major. Provisional status for admittance into the program may be granted for one academic semester to any student who has not met all the requirements for full admission. Provisional status will be granted at the discretion of the Social Work Admissions Committee.

Admission to Field Practicum

The culmination of the Bachelor of Social Work Program concludes with the Field Practicum. The practicum provides the vehicle for social work students to integrate theory and practice and apply this knowledge while demonstrating professional competencies. The Field Practicum is a year-long experience. The application for the Field Practicum must be completed by the announced deadline one semester prior to the scheduled beginning of the Field Practicum experience. The Field Practicum is completed during the senior year. Before applying for the Field Practicum, students must have successfully completed all required social work courses. Acceptance into the Field Practicum is granted after a student has attended the pre-practicum seminar, has completed the application for a field placement, and has been interviewed by the Coordinator of Field

Education. Additionally, to qualify for acceptance into the Field Practicum, students must satisfy the following requirements:

1. Students must have senior standing
2. Students must have an overall cumulative GPA 2.5 or higher
3. Students must have completed the following courses with a minimum overall average of 2.5: SOW 301 Human Behavior and Dynamics, SOW 302 Human Behavior and the Social Environment, SOW 303 Research Methods, SOW 405 Social Policy, SOW 408 Social Work Writing Techniques, and SOW 409 Social Work Practice 1
4. Students must have a minimum grade of "C" in all social work courses
5. Students must complete a nationwide level II criminal record background check. If this background check indicates that a student has a criminal background, the Coordinator of Field Education will meet with the student to discuss which field sites may be amenable to accepting a student with a criminal background and which field sites may be resistant.

Social work majors must obtain a copy of the Field Practicum Manual from the Social Work Program's Coordinator of Field Education for further information about the Field Practicum.

Graduation Requirements

The student must complete all requirements for the social work major and submit all appropriate materials for graduation with the Registrar. Specifically,

1. Students must complete a minimum of 121 semester hours
2. Students must maintain an overall cumulative G.P.A. of 2.5 or better
3. Students must receive a minimum grade of "C" in each social work course.

Electives

All courses that are not designated as required courses for your major or as General Education requirements will be classified as electives. This includes courses from any department or discipline at the 200 level and above. Courses at the 300 level or above will be considered approved electives for degree requirements. All courses at the 200 level and above will be regarded as general electives. Courses 300 level or above can also be counted as general electives.

Course Descriptions

All course descriptions listed below are arranged alphabetically by subject area, alphabetically by prefix, and then numerically for those descriptions with the same prefix. The digits in parentheses immediately following the course titles represent the respective semester credit hours given for a course. The first digit of the course number generally indicates the classification level: 0—non-college, 1—freshman, 2—sophomore, 3—junior, 4—senior. The abbreviated codes F, Sp, Su represents the term(s) in which the course is offered, Fall, Spring and Summer, respectively.

Subject Area Course Prefix(es)

Prefix	Subject Area
ACC	Accounting
AIS	Air Force ROTC
MSL	Army ROTC
ARH	Art History
ART	Art (Studio)
AVT/AWS	Aviation Sciences
BIO	Biology
BUS	Business Administration
CHE	Chemistry
CHI	Chinese
COM	Communication
CSC	Computer Science
CRJ	Criminal Justice
DAN	Dance
DRA	Drama
ECO	Economics
FRE	French
FIN	Finance
HAI	Haitian Creole
HIS	History
GEO	Geography
HRM	Human Resource Management
MAR	Marketing
MAT	Mathematics
MUS	Music
MUB	Music Business
NSC	Natural Science
PHI	Philosophy
PSC	Physical Science
PHY	Physics

PEG	Pre-Engineering
POL	Political Science
PSY	Psychology
PAD	Public Administration
REA	Reading
SPA	Spanish

ACCOUNTING

ACC 211 Principles of Accounting I (3) F, Sp, Su

Prerequisite: MAT 110 or MAT 111. A study of basic accounting concepts essential to recording business transactions, preparing financial statements, and interpreting data for financial decisions

ACC 212 Principles of Accounting II (3) F, Sp, Su

Prerequisite: ACC 211. A continuation of ACC 211 and the study of basic accounting concepts essential to recording business transactions, preparing financial statements, and interpreting data for financial decisions.

ACC 311 Intermediate Accounting I (3) F, Sp

Prerequisite: ACC 212. An in-depth analysis of the underlying concepts of external financial reporting including the preparation and presentation of financial statements.

ACC 312 Intermediate Accounting II (3) Sp, Su

Prerequisite: ACC 311. A continuation of ACC 311 and the in-depth analysis of the underlying concepts of external financial reporting including the preparation and presentation of financial statements.

ACC 352 Managerial Accounting (3) F, Sp, Su

Prerequisite: ACC 212. A study of the preparation, analysis, and interpretation of accounting data for management decision-making. The use of computer applications is emphasized.

ACC 411 Advanced Accounting (3) F

Prerequisite: ACC 312. A study of the theory and practice of accounting for business combinations, multinational enterprises, governmental, and not-for-profit entities.

ACC 431 Auditing I (3) F

Prerequisite: ACC 312. A study of auditing and attestation standards and procedures. Ethics, the responsibilities of auditors, the collection of evidence, and reporting are examined.

ACC 432 Auditing II (3) Sp

Prerequisite: ACC 431. A continuation of Auditing I with an in-depth review of internal control, the audit program, and audit procedures. Computer applications are applied to various audit problems.

ACC 434 Federal Income Tax I (3) F

Prerequisite: ACC 312. A study of federal income taxation with an emphasis on the taxation of individuals. A comprehensive individual income tax return is prepared. Income tax planning and tax research are introduced.

ACC 435 Federal Income Tax II (3) Sp

Prerequisite: ACC 434. A study of the taxation of partnerships, corporations, estates and trusts, and not-for-profit entities. Income tax research is emphasized. Comprehensive income tax returns are prepared.

ACC 452 Cost Accounting (3) Sp

Prerequisite: ACC 212. A study of the procedures and principles of cost accounting. Emphasis is on the accumulation, reporting, and use of cost information for purposes of managerial decision-making.

ACC 454 Computer Accounting (Senior Project) (3) Sp

Prerequisite: ACC 212 and CSC 101. This course features the use of accounting software in the application of accounting principles with emphasis on new microcomputer technology, database management, general ledger, and spreadsheet analysis.

ACC 455 International Accounting (3) F

Prerequisite: ACC 312 or Advisor's Recommendation. A study of international accounting standards, efforts to harmonize accounting standards, problems of accounting for multinational companies, and a comparative analysis of accounting practices in different countries.

ACC 461 Governmental and Nonprofit Accounting (3) F

Prerequisite: ACC 312. An analysis of the characteristics and environment of governmental and nonprofit entities, and an in- depth study of the basic concepts and standards of such entities.

ACC 487 Seminar in Accounting (3) F

Prerequisite: Senior standing and approval of the Chairperson Consideration of current issues in Accounting. Readings required from current accounting publications and other related periodicals.

AIR FORCE ROTC**AIS 101 – Foundations for the United States Air Force I (1)**

Aerospace Studies 101 is designed to introduce students to the United States Air Force and Air Force Reserve Officers Training Corps. Featured topics include: Air Force heritage, military customs and courtesies, Air Force officer career opportunities, Air Force core values, interpersonal communication and team building.

AIS 102 – Foundations for the United States Air Force II (1)

This survey course briefly covers topics relating to the Air Force and defense. It focuses on the structure and missions of Air Force organizations, officer ship and professionalism. Also introduces effective communication skills.

AIS 201 – The Evolution of USAF and Space Power I (1)

Aerospace Studies 201 is a knowledge course designed to examine general aspects of air and space power through a historical perspective. Utilizing this perspective, the course covers a time period from the first balloons and dirigibles to the space age.

AIS 202 – The Evolution of USAF and Space Power II (1)

This Air Force ROTC survey course is concerned with the beginnings of manned flight and the development of aerospace power in the United States, including the employment of air power in WWI, WWII, Korea, Vietnam, the Gulf War and the peaceful employment of U.S. air power in civic actions, scientific missions and support of space exploration.

AIS 301 – Air Force Leadership Studies I (3)

Aerospace Studies 301 is a course designed to examine several key aspects of leadership. The course starts with a basic overview of leadership and moves into basic skills in leadership. The course also directs the cadets' attention to advanced skills in leadership and concludes with ethics in leadership.

AIS 302 – Air Force Leadership Studies II (3)

This Air Force ROTC course is a study in the anatomy of leadership, the need for quality and management leadership, the role of discipline in leadership situations and the variables affecting leadership. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and

exercising practical application of the concepts. Students will deal with actual problems and complete projects associated with planning and managing the Leadership Laboratory.

AIS 401 – National Security Affairs and Preparation for Active Duty I (3)

This course is designed to examine the national security process regional studies, advanced leadership ethics, and Air Force doctrine. In addition, students will study topics that will prepare them for their first active-duty assignment as officers in the Air Force.

AIS 402 – National Security Affairs and Preparation for Active Duty II (3)

Learn about the role of the professional military leader in a democratic society; societal attitudes toward the armed forces; the requisites for maintaining adequate national defense structure; the impact of technological and international developments on strategic preparedness and the overall policy- making process; and military law.

ART AN ART HISTORY

ARH 101 Art History (3) F

Art History is a survey course to investigate the vital functions the arts have served in formation of society from prehistory through the late Medieval Period, the early Renaissance to the Modern Arts period, the late nineteenth century to the present, inclusive of developments in American Art and contributions of African American, women, and minority artists.

ARH 320 African American Art (3) F

This program is an investigative research/survey course, tracing and exploring the history and development of artists of African descent and their contributions to the plastic arts- such as painting, sculpture, architecture, and the craft arts- with a comparative analysis to their Euro-Angelo counterparts, emphasis on artistic contribution by African American 17th through the 21st Century.

ARH 104 Modern Art (3) F

Modern Art is an investigative survey course of the art with emphasis on artistic compositions from the mid to late nineteenth century through the twentieth century to the present- painting, sculpture, printmaking, and architecture- produced in Western Europe and America: its development from the late Renaissance to Romanticism, Neo-Classicism to Realism, Impressionism, Post- Impressionistic styles and movements.

ARH 200 Art Appreciation (3) F, Sp, Su

An exploratory course to the dynamics of the Visual Arts, investigating both the motivation of the artists to the mechanics of creating from a theoretical and applicational perspective of the different medias –painting, sculpting, drawing, printmaking, crafting, and architecture—with an infusion of historical significance to the vital function of art in society.

ART 121 Beginning Design (3) F

Beginning Design is an introductory level studio art course to help students develop an understanding of the various organizational possibilities in designing for two- and three-dimensional works, with emphasis on the study of application of the elements of art according to the principles of organization/ design to create formal unity in a composition, in a variety of media

ART 131 Drawing I (3) Sp

Drawing I is a basic level course introducing students to fundamental drawing skills, and techniques from a freehand approach, with emphasis on observation and interpretation of visual images and ideas, and traditional approach to line, composition, form, perspective, and shading, to create a sense of volume,

proportion, and the illusion of space, through use of varied drawing media-pencil, pen and ink, charcoal, conte crayon- and subject matter.

ART 200

ART 221 Graphic Design I (3) F

Graphic Design is a studio course with emphasis on form, content, and principles of design and lay-out composition, where students are challenged to create visual composition, a complete product package from conception, package design, typography, to mock product make-up.

ART 231 Painting I (3) Sp

Painting I is a beginning level studio art course focusing on the fundamentals of painting techniques, materials, and color application, emphasizing the process of painting in medias- watercolor, tempera, acrylic, gouache, and experimentation with mixed media.

ART 241 Printmaking I (3) F

Printmaking is a studio art course introducing students to basic printmaking techniques, processes, and equipment, with emphasis on image development in mono-print, intaglio, relief, stencil, woodcut, linoleum, and collagraphy, with exploration into multiple color separation and printing, transferring original drawings and ideas to the print media.

ART 321 Commercial Art (3) F

Commercial Art is a studio art course that provides an overview of the advertising design industry, with student exposure to creating compositions for such purposes as advertising, illustration, and the design, embellishment, decoration of industrial products, focusing on collaboration in creation of product from conceptualization of idea, to the creation of a product that embodies the aspiration, inspiration of a client, emphasizing visual image development and execution.

ART 331 Mural Painting (3) Sp

Mural Art explores both historical and contemporary approaches to mural painting, public art, materials techniques and surface treatment, where students will create images to be painted on panels in simulation of wall or perspective while creating images appropriate to architectural settings interior and exterior, dealing with themes of social issues or creative embellishment.

ART 341 Sculpture I (3) F

Sculpture I is a beginning level studio art course exploring traditional and contemporary sculptural processes, techniques and materials through the additive, subtractive, and manipulative method, in select media—clay, plaster, wood, and heavy board— compositions in free-standing, full round, relief, and linear.

ART 421 Illustration (3) Sp

Illustration is a studio art course aimed at the production of techniques, design elements, media choice, typography, and conceptual imagery in conceptualization to a range of materials and techniques, explored through drawing and painting techniques with various media, as observed in advertising and graphic design.

AVIATION SCIENCES

AVT 201 Private Pilot Certification - Ground (3) F

Designed to prepare students for the FAA Private Pilot Written Examination. Subject areas covered in the course include basic aerodynamics, navigation, weather, communications, aircraft operations, weight and balance, various publications, and the Federal Aviation Regulations.

AVT 202 Private Pilot Certification - Flight (2) F, Sp, Su

Prerequisite: AVT 201. Designed to provide students with the flight experience necessary for the FAA Private Pilot Certification.

AVT 301 Instrument Rating - Ground (3) Sp,

Prerequisites: AVT 202. Designed to prepare students for the FAA Instrument Written Examination. Subject areas covered in the course include the IFR air traffic system, various publications and regulations, IFR navigation and aids, IFR charts, instrument approaches, and weather.

AVT 302 Instrument Rating - Flight (2) F, Sp, Su

Prerequisite: AVT 301. Designed to prepare and to provide students with the flight experience necessary for the FAA Instrument rating.

AVT 303 Commercial Pilot Certification -Ground (3) F, Sp,Su

Prerequisites: AVT 302. Designed to prepare students for the FAA Commercial Pilot Written Examination. Subject areas covered in the course include aerodynamics, high performance and complex airplane operations, weight and balance, NTSB reporting requirements, various publications, and the FARs.

AVT 304 Commercial Pilot Certification - Flight (2) F, Sp, Su

Prerequisite: AVT 303. Designed to prepare and to provide students with the flight experience necessary for the FAA Commercial Pilot Certification.

AVT 305 Multiengine Rating - Flight (2) F, Sp, Su

Prerequisites: AVT 301, AVT 302, AVT 303, and AVT 304. Designed to provide students with the flight experience necessary to meet the FAA requirements for the multi-engine class rating.

AVT 401 Principles of Flight Instructing I (3) F, Sp, Su

Prerequisites: AVT 201 and AVT 202. Designed to prepare students for the FAA Fundamentals of Instructing Written Examination and for the FAA Basic Ground Instructor Written Examination.

AVT 402 Principles of Flight Instructing II (3) F, Sp, Su

Prerequisites: AVT 301, 302, 303, 304, and 401. Designed to prepare students for the FAA Advanced Ground Instructor Written Examination and the Instrument Ground Instructor Written Examination.

AVT405 Multiengine Aircraft Systems (3) F

Prerequisite: AWS 201. This course will focus on the aircraft systems, hydraulics, flight, and fuel, as they relate to modern jet powered aircraft.

AVT 411 Certified Flight Instructor - Airplane (2) F, Sp, Su

Prerequisites: AVT 301, AVT 302, AVT 303, and AVT 304. Co- requisite: AVT 401. Designed to provide students with the flight experience necessary for the FAA Certified Flight Instructor Certificate with an Airplane Single-engine Land Rating.

AVT 412 Certified Flight Instructor - Instrument (2) F, Sp, Su

Prerequisite: AVT 411. Co-requisite: AVT 402. Designed to provide students with the flight experience necessary for the FAA Certified Flight Instructor Certificate with an Instrument Airplane Rating.

AVT 413 Certified Flight Instructor - Multiengine (2) F, Sp, Su

Prerequisite: AVT 411. Co-requisite: AVT 402. Designed to provide students with the flight experience necessary for the FAA Certified Flight Instructor Certificate with a Multi-Engine Land Rating.

AWS102 Thinking Critically about Aviation (2) Sp

This course is designed to equip students with the ability to apply critical thinking in the field of aviation. They will demonstrate critical thinking skills through the analysis and/or synthesis of information to draw conclusions and make decisions on matters pertaining to career planning, personal growth and goal setting.

AWS 200 Aviation History (3) F

A presentation dealing with the history of aviation and flight from the early attempts to the modern space age. The equipment and the flyers are considered, as well as the underlying developmental rationale for the events and hardware.

AWS 201 Introduction to Aeronautics (3) F

Presents an overview of aviation, enabling the student to gain an appreciation of the complexities of the field of aeronautics. Course content includes historical background, fundamentals of flight and aeronautical technology, the social and economic impact of aerospace and future developments, and government regulations.

AWS 210 Basic Aerodynamics (3) F

Prerequisite: AWS 201 or AVT 201. The history and development of aerodynamic theory will be introduced, and the student will become familiar with airfoil theory and wing theory. Basic performance parameters will include the use of performance charts. The course will stress subsonic incompressible flow and supersonic compressible flow. Special consideration will be given to transonic flights.

AWS 232 Air Traffic Control (3) F, Sp

Prerequisite: AWS 201 or AVT 201. A study of the national air traffic control system with emphasis on basic air traffic control procedures. Course content includes the role of air route traffic control centers, approach controls, control towers, and flight service stations. Also covers communications, navigation procedures, radar operations, and facilities.

AWS 235 Air Traffic Control Operations I (3) F

This course will introduce the student to Air Traffic Control operations. These procedures will be studied from the publication Traffic Training Program and other training material.

AWS 240 Aviation Weather (3) F, Su

An exploration of various cloud formations, formation of warm, cold, occluded, and stationary fronts, the life of thunderstorms, winds (both surface and aloft), icing, and many other weather phenomena. Emphasis will be placed on operations in cold weather and low visibility, windshear and microburst detection, information formats, weather radar, TCAS, and the role and responsibilities of ATC in weather observation and reporting.

AWS 270 Aircraft Engines (3) Sp

Prerequisite: AWS 201 or AVT 201. This course will study aircraft engines to include reciprocating and various turbine configurations. Mechanical relationships, components, power calculations, and performance charts will be emphasized.

AWS 301 Principles of Transportation (3) F

Prerequisite: AWS 201 or AVT 201. An introduction, survey, and analysis of transportation including rail, motor, air, water, with a look at their impact on the social and economic system of the U.S.

AWS 305 VFR Tower Operations (3) F

Prerequisite: AWS 232. Designed to familiarize students with Air Traffic Control procedures in the visual environment. Emphasis is placed on the responsibilities of local, ground, flight data, and coordinator positions.

Also included are the regulations which govern flight under visual conditions, separation in the terminal area, and development of controller techniques.

AWS 310 Aviation Legislation (3) Sp

Prerequisite: AWS 201 or AVT 201. Emphasizes legal concepts concerning aviation as related to aircraft and flight operations, early airmail legislation, contracts, insurance and liability, regulatory statutes, and case law.

AWS 315 ATC Radar Procedures (3) Sp

Prerequisite: AWS 232. Designed to introduce and to familiarize the student with procedures used in identifying, monitoring, vectoring and separating aircraft utilizing Airport Surveillance Radar (ASR) and Precision Approach Radar (PAR) systems.

AWS 320 Air Transportation (3) F

Prerequisite: AWS 201 or AVT 201. A survey of the historical development of the air transportation system, including the impact of legislation, problems encountered in commercial air transportation, future industry requirements, airline operations, aviation economics, and social implications.

AWS 351 Aviation Labor Relations (3) Sp

An analysis of labor and management relationships and their often-differing goals. Course content includes historical development, unions and collective bargaining, contracts, labor legislation, and the role of government.

AWS 390 Airline Management (3) F

The application of management principles to airline operations. Emphasis is on the characteristics of airline financing, marketing, scheduling, facilities planning, maintenance and governmental relations and regulations.

AWS 395 Airport Management (3) Sp

A comprehensive study of airport operations and management including analysis of the role of the airport manager in planning, finance and administration, public relations, operations and facility maintenance.

AWS 401 The National Airspace System (3) F

An overview of the National Airspace System Plan. The course covers problems encountered in implementing the system, airspace allocation and usage, facilities, safety considerations, new developments in electronic navigation and control systems, economic impact, and social and political implications.

AWS 410 Advanced Tower Operations (3) F

This course will prepare each student to pass the Certified Tower Operator's examination. Basic Air Traffic Control procedures will be studied from the publications prepared for the National Air Traffic Training Program and other training material.

AWS 412 En Route Operations (3) Sp

This course will cover the theory and fundamentals of enroute radar operations to include practical application. Basic Air Traffic Control procedures will be studied from the publications prepared for the National Air Traffic Training Program and other training material.

AWS 415 Seminar in Aviation Science (3) F

This course will provide a format for the aviation student to receive exposure to guest lectures, present special aviation topics and participate in group discussion on current topics in aviation.

AWS 418 Crew Resources Management (CRM) (3) Sp

This course will apply the theory, and methods developed in the Aviation psychology course and will focus on the knowledge in a cockpit setting. The emphasis will be on the human-factors aspects of cockpit crew management and additional psychological concepts as they relate to cockpit management.

AWS 420 Flight Safety (3) F

Prerequisite: AWS 201. A presentation and analysis of factors and procedures relating to aviation safety. Includes techniques for accident prevention, development of safety programs, procedures used in accident investigation, the human factor (physiological and psychological), and the effect of weather on safety.

AWS 425 Aircraft Accident Investigation (3) Sp

Prerequisites: AWS 201 or AVT 201 and AWS 320. A course designed to acquaint the aviation student with procedures, techniques, and methods of determining causes of accidents. The roles of the various investigative bodies, and their responsibilities and obligations will be stressed.

AWS 430 Flight Physiology (3) Sp

Prerequisite: AWS 201 or AVT 201. The course will focus on human factor considerations related to the aerospace environment, including both the psychological and physiological concerns. Special topics will include the cause, symptoms, prevention, and treatment of flight environment disorders.

AWS 450 Senior Project in Aviation (3) F, Sp

Prerequisite: Permission of the Chairperson. A review of all aviation course work completed by the student. The student will complete a major aviation research paper which must be presented before an audience of departmental and/or university faculty members.

AWS 490 Independent Study in Aviation (3)F, Sp, Su

Prerequisite: Upper level standing. This course provides academic credit to upper-level students for independent study, research, problems and special investigations, and/or special readings authorized by the Dean and supervised by a designated, consenting faculty member. Cannot be taken concurrently with Independent Study in Aviation (AWS 491).

AWS 491 Advanced Independent Study in Aviation (6) F, Sp, Su

Prerequisite: Upper-Level Standing This course provides academic credit to upper-level students for independent study, research, problems and special investigations, and/or special readings authorized by the Dean and supervised by a designated, consenting faculty member. Cannot be taken concurrently with Independent Study in Aviation (AWS 490).

AWS 498 Cooperative Education in Aviation I (1-6) F, Sp, Su

Prerequisite: Permission of the Chairperson. Provides entry level aviation and/ or transportation work experience with a federal, state, or local government agency, private business, or another agency.

AWS 499 Cooperative Education in Aviation II (1-12) F, Sp, Su

Prerequisite: Permission of the Chairperson. Provides advanced aviation and/ or transportation work experience with a federal, state, or local government agency, private business, or another agency.

BIOLOGY

BIO 101 Biological Science (3) F, Sp, Su

This course is for non-science majors only. Fundamental concepts in biology are presented. Topics include structure and functions of cells, introductory genetics, reproduction, and physiology. The emphasis is on human organ systems.

BIO 103 Biological Science Lab (1) F, Sp, Su

This course is for non-science majors. It will expose students to scientific methods, experimental design, data generation and interpretation and the use of laboratory equipment.

BIO 130 Principles of Biology (3) F, Sp, Su

Co-requisite: BIO 131. Prerequisite: MAT 111. This course deals with basic biological principles and how they are interrelated, the scientific and biological study of living systems, and the organizational structure of the living world at all levels of organization from the molecule to the biosphere. The principles of chemistry and biochemistry and the functional and operational properties of living matter are included.

BIO 131 Principles of Biology Laboratory (1) F, Sp, Su

Co-requisite: BIO 130. This laboratory involves the study of the use of the compound microscope, examination of living cultures of protozoa and other organisms, microscopic examination of animal and plant cells, animal tissues, identification of biological molecules, enzyme action, fermentation, cellular respiration, photosynthesis, mitosis, and dissection.

BIO 132 Principles of Biology II (3) F, Sp, Su

Pre-requisites: BIO 130 and BIO 131 with grade of "C" or better in both classes. This course is a continuation of BIO 130, with special emphasis on evolution, ecology, characterizations of fungi, protozoans, plants, and animals.

BIO 133 Principles of Biology Laboratory II (1) F, Sp, Su

Co-requisite: BIO 132. This course is a continuation of BIO 131, and includes Mendelian genetics, molecular biology, population genetics, bacteriology, plant diversity and physiology, animal diversity and physiology, animal development and ecology.

BIO 204 General Zoology (3) F, Sp, Su

Prerequisites: FMU 101, NSC 102, BIO 130, 131, 132, and 133 for Biology majors. Co-requisite: BIO 205. Biology of invertebrates and vertebrates, including the structures of the body and its organization into special systems that carry on essential life processes. The more general phases of animal existence— reproduction, heredity, distribution, and evolution—are included, in addition to an introduction to classifying and naming animals.

BIO 205 General Zoology Lab (1) F, Sp, Su

Co-requisite: BIO 204. Prerequisites: FMU 101, NSC 102. Study of the classification of living organisms, including all the invertebrate and vertebrate phyla.

BIO 206 General Botany (3) F, Sp, Su

Prerequisites: FMU 101, NSC 102, BIO 130, 131, 132, and 133. An organic approach to plant biology is emphasized along with the structural and functional relationships of plant organs, with special attention given to physiological activities. Other aspects of the course are photosynthesis, fundamental concepts of biology, regulation, growth and development of seed plants, life cycles, reproduction and success in the plant kingdom, and dynamics of plant populations and ecology.

BIO 207 General Botany Lab (1) F, Sp, Su

Co-requisite: BIO 206. Morphological and anatomical study of seeds, roots, stems, leaves, flowers, and fruits. It includes field trips to local botanical gardens to study the local flora and their taxonomy.

BIO 211 Radiobiology (3)

Prerequisites: CHE 101, BIO 130, 131, 132, and 133.

This course will explore the genetic and somatic effects radiation has on organisms. It will also examine the use of radiation in the sciences and how these advancements are used in research and in the medical field. The class will also examine how radiation is used in agriculture and industry. The principles and methods of the proper use and handling of radiation will also be examined.

BIO 212 Human Anatomy (3) F, Sp, Su

Prerequisites: BIO 101 for non-majors, or BIO 130, 131, 132, and 133, CHE110. Structure of various organs and systems in the human body.

BIO 213 Human Anatomy Lab (1) F, Sp, Su

Co-requisite: BIO 200. Anatomical study of the integumentary system, skeletal system, muscular system, nervous system, circulatory system, sensory system, lymphatic system, endocrine system, and the reproductive system. Students may be required to visit a local morgue to observe an autopsy.

BIO 220 Comparative Anatomy (3) F, Sp, Su

Prerequisites: BIO 130, 131, 132 and 133. Co-requisite: BIO 221.. Basic patterns of vertebrate structure and development, and the functions of these structures in terms of adaptive significance.

BIO 221 Comparative Anatomy Lab (1) F, Sp, Su

Co-requisite: BIO 220. A comparative study of the anatomy of various vertebrates, such as the shark, perch, frog, lizard, pigeon, fetal pig, and cat.

BIO 300 Human Physiology (3) F, Sp, Su

Prerequisites: BIO 212, 213, or permission of the instructor. Co- requisite: BIO 301. The basic principles and concepts of human physiology. Topics include cell physiology, the nerve-muscle unit, blood, body fluids and the kidneys, heart and circulation, respiration, endocrinology and reproduction, as well as digestion, energy, metabolism, and temperature control.

BIO 301 Human Physiology Lab (1) F, Sp, Su

Co-requisite: BIO 300. Study of the cardiovascular system, respiration and metabolism, blood, renal function and homeostasis, neural stimulation of muscle contraction, digestion of starch, egg albumen and fat by enzyme action, endocrine system and reproduction.

BIO 302 Plant Physiology (3) F, Sp, Su

Prerequisites: BIO 206 and 207. Co-requisite: BIO 303.. Metabolism of plants; physical, chemical and environmental influences on plant metabolism; regulation and control of photosynthesis; structural and functional properties of metabolites; organization and operation of the principal metabolic activities; growth regulations and development of plants; tropisms; hormones; and a laboratory approach to the study of agricultural, horticultural, and floricultural methods.

BIO 303 Plant Physiology Lab (1) F, Sp, Su

Co-requisite: BIO 302. Physiology of seeds, seed germination, seed testing, photosynthesis, respiration, translocation, transpiration, plant growth and development, auxins and growth hormones.

BIO 304 Embryology (3) F, Sp, Su

Prerequisites: BIO 204 and 205 or BIO 212 and 213. Co-requisite: BIO 305. Study of the development of amphibian, avian and mammalian embryos from gametogenesis through organogenesis.

BIO 305 Embryology Lab (1) F, Sp, Su

Co-requisite: BIO 304. Gametogenesis, maturation and fertilization in ascaris, sea urchin development, starfish development, early development of the frog, chick, and pig embryo.

BIO 306 Radiopharmacology (3)

This course will examine characteristics of radiopharmaceutical drugs, the preparation and quality control of radiopharmaceuticals, how these are stored, the precautions that must be taken and the complications these types of agents can cause.

BIO 310 Genetics (3) F, Sp, Su

Prerequisites: BIO 132 and 133. Co-requisite: BIO 311. Study of the mechanisms of inheritance in organisms and populations, genes, DNA, chromosomes, mutations, genome, pedigrees, and genetic engineering.

BIO 311 Genetics Lab (1) F, Sp, Su

Co-requisite: BIO 310. The study of mitosis; meiosis; animals, human beings, and plant chromosomes, salivary gland chromosomes; preparation of human leucocyte chromosomes; karyotyping; genetic ratios; gene frequency; human genetic traits from phenotypes; and pedigree analysis.

BIO 320 General Ecology (3) F, Sp, Su

Prerequisites: BIO 204 and 205 or BIO 206 and 207 or permission of instructor. Co-requisite: BIO 321. A general study of the interaction of individual organisms, populations, and communities with their environment. Particular emphasis is placed on the ecology of South Florida and the major ecological crises facing this area.

BIO 321 General Ecology Lab (1) F, Sp, Su

Co-requisite: BIO 320. The study of the distribution of plant and animal communities, habitats, ecosystems and the effects of man on environment. Field trips are included.

BIO 326 Research Techniques in Radiation Biology (1)

Students will learn to use equipment to measure radioactive materials in soil, water, and food sources. Students will learn how to use radio-labeling in scientific studies. Students will go on field trips to institutions that use equipment dependent on radiation. Students will also learn proper safety measures when working with radiation.

BIO 330 Parasitology (3) F, Sp, Su

Prerequisites: BIO 204 and 205. Co-requisite: BIO 331. An introduction to the morphology, classification, life history, pathology, and control of parasitic and symbiotic forms of life.

BIO 331 Parasitology Lab (1) F, Sp, Su

Co-requisite: BIO 330. The study of common human and animal parasites working with preserved and/or prepared specimens.

BIO 400 Evolution (3) F, Sp, Su

Prerequisite: BIO 310. Evolutionary mechanisms and theories, sources of variation, adaptation, speciation, and macroevolution, origin of life, and humankind.

BIO 410 Microbiology (3) F, Sp, Su

Prerequisites: BIO 310 and 311, and CHE 210 - 211 for Biology majors only, not for the students enrolled in the dual-degree nursing program. Co-requisite: BIO 411. A detailed investigation of the prokaryotic cell; structural and functional characterization of the major groups; physiological activities of the role of bacteria in the environment, emphasizing agricultural, ecological and commercial usefulness; basic concepts of immunology, virology, and pathology; laboratory culture techniques and aseptic procedures; taxonomy and characterization of bacterial species; and environmental influence on growth and availability of species.

BIO 411 Microbiology Lab (1) F, Sp, Su

Co-requisite: BIO 410. Experiments and techniques in culture, growth, maintenance, and sterilization of microbes such as bacteria, algae, fungi, and viruses.

BIO 420 Cell Biology (3) F, Sp, Su

Prerequisites: BIO 310, 311, CHE 210, 211. Co-requisite: BIO 421. A study of the fine structure of eukaryotic and prokaryotic cells, the chemical composition and organization of cells, cell metabolism and bioenergetics, the ultrastructural and molecular organization and functions of each major cell organelle or structural component, and the molecular basis of the genetic code and gene expression.

BIO 421 Cell Biology Lab (1) F, Sp, Su

Co-requisite: BIO 420. Biochemical measurements of carbohydrates; lipids and proteins in plasma; thin layer chromatography of amino acids, amino acid sequencing; gel electrophoresis of blood proteins; measurements of enzyme activity; reactions of nucleic acids; DNA fingerprinting; mutations in yeast; transposon mutagenesis; tissue printing; and specimen preparation for light microscopy.

BIO 430 Immunology (3) F, Sp, Su

Prerequisites: BIO 300, 301 and CHE 210 and 211 or permission of instructor. Co-requisite: BIO 431. A detailed investigation of the tissues, cells and biochemical components of the immune system, and the role of immune responses in the diagnosis and prevention of disease.

BIO 431 Immunology Lab (1) F, Sp, Su

Co-requisite: BIO 430. Agglutination reactions, precipitation and flocculation tests, enzyme immunoassays, common immunologic and serologic tests, pregnancy tests, antihuman globulin reaction (Coomb test).

BIO 440 Research I (3) F, Sp, Su

Prerequisite: Permission of instructor. An introduction to the techniques of scientific investigation. Students, with the help of the instructor, will choose a problem in biology and design a procedure for investigation. The problem may not be original; the purpose is to help students broaden and integrate their backgrounds in the biological sciences. The student author reports on their investigation with well documented supporting evidence and presents it to the instructor. Then they defend their investigation orally before colleagues, faculty, and visitors during the final week of the semester.

BIO 441 Research II (3) F, Sp, Su

Prerequisite: BIO 440 and Permission of instructor. Open to students who have successfully completed or want to continue with their investigation of the problem that they have chosen in BIO 440.

BIO 460 Recombinant DNA (6) F, Sp, Su

Prerequisites: BIO 130, 132, and 133, all with a grade of "C" or better, or permission of instructor(s). This course is a combined lecture/laboratory course which will serve as a contemporary course on the basic principles, essential laboratory activities and relevant social issues and concerns prevalent in the current molecular biology revolution.

BUSINESS ADMINISTRATION

BUS 102 Thinking Critically in Business (2) Sp

This course is designed to equip students with the ability to apply critical thinking in the field of business. They will demonstrate critical thinking skills through the analysis and/or synthesis of information to draw conclusions or make decisions on matters pertaining to business education, career planning, personal growth and goal setting as a potential business manager and entrepreneur.

BUS 210 Applied Mathematics in Business (3) F, Sp

Prerequisite: MAT 111. A representation of basic mathematical concepts, algebraic functions, and their applications in business practices.

BUS 211 Principles of Management (3) F, Sp, Su

Prerequisite: First Semester Sophomore standing. An introductory management course dealing with the fundamental principles of management: planning, organizing, staffing, leading and controlling. The systems concept of management and the role of the manager in each level of the organization are emphasized.

BUS 215 Quantitative Methods for Business & Economics (3) F, Sp

SPerequisite: MAT 114. To integrate quantitative subjects with business decision making analysis. The following topics are covered: matrix algebra, the concept of derivatives and its rules, and optimization. Emphasis is on business application of the above stated concepts.

BUS 240 Introduction to Hospitality Management (3) Sp

Prerequisite: Sophomore standing. A survey course providing an overview of the hospitality industry: its history, problems and general operating procedures.

BUS 310 Business Mathematics (3) F, Su

Prerequisite: MAT 111. This course explores mathematical problems involved in business merchandising, payrolls, calculation of simple and compound interest, discount rates, insurance, credit, and taxes.

BUS 311 Business Law I (3) F, Sp, Su

Prerequisite: BUS 211. This course involves the study of the legal environment of business, contracts, personal and real property, bailments, and agency.

BUS 312 Business Law II (3) Sp, Su

Prerequisite: BUS 311. A continuation of BUS 311 with emphasis on commercial paper, sales, partnerships, corporations, and government regulation of business.

BUS 320 Business Statistics I (3) F, Sp, Su

Prerequisite: MAT 111. A review of mathematical procedures, probability, and sampling distributions as they are used in business.

BUS 321 Business Statistics II (3) F, Sp

Prerequisite: BUS 320. In addition to theoretical presentation, this course will cover computer-based practical application of regression theory, and linear application of the following topics: linear regression modeling and the principles of least squares, multicollinearity and auto correlation, multiple regression, and the analysis of variance.

BUS 344 Business Organization and Management (3) F, Sp, Su

Prerequisite: BUS 211, Sophomore standing. The practice of managing individuals and groups in today's dynamic business environment. Emphasis is placed on skills needed for managerial success. Case studies and exercises are utilized.

BUS 345 Business Communications & Technical Writing (3) F, Sp, Su

Prerequisite: Junior standing. A study of the techniques and approaches in writing business technical documents, including business plans, reports, proposals, newsletters, resumes, brochures and annual reports. Emphasis is on organization, data gathering, writing style, content and the packaging of documents.

BUS 352 Business Internship Preparation (3) F

This course focuses on the role and importance of work in society, the impact of work, and work-life balance. Readings and online forum discussions examine topics such as matching skills and interests to career paths;

job search and interview techniques, physical, emotional, and financial well-being; work-life balance; dealing with difficult people; organizational politics; and ethical implications of decisions and actions.

BUS 353 Principles of Insurance (3) Sp, Su

Prerequisite: MAT 102, Junior standing. A study of the basic principles of insurance and theory of risks. Emphasis is on the following coverage: fire, marine, health, accident, and casualty.

BUS 355 Principles of Real Estate (3) F

Prerequisite: BUS 311 and MAT 111, Junior standing. This course covers land economics, principles of real estate finance including the study of federal and state practices in mortgages, brokerage, building and construction, marketing, appraisal, and real estate law.

BUS 361 Leadership Applications F, Sp

Prerequisite: BUS 211. An examination of contemporary leadership issues through application. Topics include leadership theories, leadership ethics and values, group dynamics, organizational behavior and the dynamics of power. Emphasis is placed on understanding leadership as a mind set and as a tool.

BUS 371 Cooperative Education in Business (6) F, Sp

Prerequisite: Permission of the Dean. Provides students with an opportunity to alternate periods of academic training with employment in a business- related environment. The course intends to improve the student's practical experience while receiving financial compensation. Approval of the Dean/ Department Chairman and the director of cooperative education is required.

BUS 372 Cooperative Education in Business (12) F, Sp

Prerequisite: Permission of the Dean. Provides students with an opportunity to alternate periods of academic training with employment in a business-related environment. The course intends to improve students' practical experience while receiving financial compensation. Approval of the Dean/Department Chairman and the director of cooperative education is required.

BUS 394 Business Ethics and Society (3) F, Sp, Su

Prerequisite: Junior standing. Introduces students to the general relationship between a business organization and the ethical, legal, political, social and international environments in which it operates. Business is examined as one of the nation's basic institutions which needs to be profitable while also fulfilling a social role.

BUS 400 Entrepreneurship (3) F, Sp

Prerequisite: BUS 211. The study of the general theories, principles, concepts, and practices of creating and launching a new business. This includes identifying opportunities, preparing a business plan, and locating sources of finance.

BUS 403 Strategic Management (3) F, Sp

Prerequisites: ACC 212, BUS 211, MAR 301, FIN 301. An advanced course designed to integrate a student's knowledge of management, marketing, finance and accounting in order to formulate, implement and evaluate business strategies.

BUS 404 International Business (3) F, Sp

Prerequisite: BUS 211. Introductory analysis of a multinational organization with emphasis given to international trade and investment, foreign exchange and financial markets, and the cultural and political interaction between a multinational corporation and the host societies.

BUS 420 Operations Research (3) F, Sp

Prerequisites: BUS 215, BUS 320. An introductory course in operations research. Principles and application of influence charts and decision models for linear programming, networks, queuing, inventory and transportation. A working knowledge of a spreadsheet program is mandatory.

BUS 450 Business Internship & Seminar (3) F, Sp

Prerequisite: Senior standing or approval of the advisor. The course focuses on interviewing techniques, resume and cover letter writing skills, interpersonal skills, and career planning are emphasized. It also provides students with professional work experience and on-the-job training in the business sector.

BUS 480 Managerial Psychology (3) F, Su

Prerequisite: BUS 211. A survey of people-oriented aspects of management with emphasis on managerial and organizational theory which affects human engineering, psychology and labor relations.

BUS 487 Seminar in Management F, Sp

Prerequisite: Junior standing and approval of the advisor. This course examines consideration of current issues in management. Readings required from current management publications and other related periodicals.

BUS 498 Senior Project in Business (3) F, Sp

Prerequisites: BUS 403, Senior Standing. A “capstone” class in business which requires students to demonstrate competence in all areas of business by way of strategic case analysis and computer simulation. It is preferred that students take this course their last semester and they will be required to make real world business decisions by utilizing all of the skills they have acquired throughout their program of study.

BUS 499 Independent Study (3) F, Sp, Su

This course provides independent study of specific areas with direction and supervision of business faculty.

CHEMISTRY

CHE 100 Introduction to Chemistry (3) F, Sp,Su

An introductory course for the investigation of chemical understanding that is designed for first-year students who are not ready to take the more rigorous and challenging CHE 110/112 series. Concepts of atoms, atomic structure, and molecules will be presented. The manner by which atoms interact, the writing of chemical equations, pH, the chemistry of water, and solutions, equilibrium, and biological as well as organic molecules will be introduced.

Note: CHE 100 is a preparatory course for science majors who may not be ready for CHE 110. This course will not be used toward a major in any of the degree programs within the Natural Sciences School (Biology, Chemistry, Physics, Engineering partnership with Florida International University, or the Nursing partnerships with Florida International University and the University of Miami).

CHE 101 Concepts in Nuclear Science (1) F, Sp,Su

This course is intended to introduce students at all levels and from all disciplines on the many different aspects and applications of nuclear and radiation engineering/physics. Topics covered include history of nuclear development, basic concepts of radiation and radioactivity, radioactive waste management, global warming and the impact of nuclear power plants, industrial applications, health physics, nuclear medicine, job opportunities at power plants, graduate school, and national laboratories.

CHE 110 General Chemistry I (4) F, Sp, Su

Co-requisites: MAT 111 and CHE 111.. This course is an introduction to basic principles of modern chemistry, including atomic structure, chemical formulas, chemical equations, bonding, stoichiometry, and properties of gases.

CHE 111 General Chemistry I Laboratory (1) F, Sp, Su

Co-requisite: CHE 110. An introduction to basic chemical laboratory principles and techniques including physical properties, physical measurements, percent composition, empirical formulas, types of chemical reactions, molar calculations, and calorimetry.

CHE 112 General Chemistry II (4) F, Sp, Su

Prerequisite: CHE 110 Co-requisite: CHE 113. This course is a continuation of CHE 110, including kinetics, equilibria, oxidation- reduction, acid-base theory, periodicity, nuclear chemistry, and organic chemistry.

CHE 113 General Chemistry Laboratory II (1) F, Sp, Su

Co-requisite: CHE 112. A continuation of CHE 111, including experiments dealing with kinetics, acid/ base titration, and the qualitative analysis of metal ions.

CHE 210 Organic Chemistry I (3) F, Sp, Su

Prerequisites: CHE 112 and 113. Co-requisite: CHE 211. An introduction to the fundamentals of organic chemistry—the chemistry of carbon compounds. It covers chemical nomenclature, bonding, structure, reactivity, molecular properties, stereochemistry, reaction mechanisms, and synthesis.

CHE 211 Organic Chemistry I Lab (1) F, Sp, Su

Co-requisite: CHE 210. Applications of theory to techniques of identification, characterization, and reactions in chemical synthesis; purification, distillation, crystallization and evaporation, filtration, identification, characterization, melting and boiling point determination, spectroscopy and chromatography.

CHE 212 Organic Chemistry II (3) F, Sp, Su

Prerequisite: CHE 210. Co-requisite: CHE 213. Organic synthesis reactions— Grignard, Friedel-Craft, Diels-Alder, Wittig, and Michael reactions; IR, NMR, UV-VIS, MS spectroscopy.

CHE 213 Organic Chemistry II Lab (1) F, Sp, Su

Co-requisite: CHE 212. Techniques of chemical synthesis and methods of following chemical reactions and validating synthetic processes. Reactions covered are Diels-Alder, Wittig, Grignard, Friedel-Craft, halogenation.

CHE 214 Quantitative Analysis (3) F, Sp Su

Prerequisite: CHE 112. Co-requisite: CHE 215. Fundamentals of classical quantitative analysis, including gravimetric, volumetric, acid-base, redox, complexometric, potentiometric, and absorptiometry analyses.

CHE 215 Quantitative Analysis Lab (1) F, Sp, Su

Co-requisite: CHE 214. Analytical laboratory techniques in quantitative analysis to include the principles of gravimetric, titrimetric, and spectrophotometric analysis to quantitate material in a sample.

CHE 224 Environmental Chemistry (3) F, Sp, Su

Prerequisites: CHE 112 or permission of instructor. Co-requisite: CHE 225 Environmental chemistry is concerned principally with the chemical aspects of problems that human beings have created in the natural environment. The chemistry of the ozone layer, ground- level air chemistry and air pollution, the greenhouse effect and global warming, toxic chemicals, energy production and its environmental consequences will be discussed.

CHE 225 Environmental Chemistry Lab (1) F, Sp, Su

Co-requisite: CHE 224. A study of the various pollutants and determination of their residues by physical and analytical methods.

CHE 230 Introduction to Radiochemistry (3) F, Sp, Su

Co-requisite or prerequisite: PHY200/250. This introductory radiochemistry course is designed for students majoring in chemistry/radiochemistry, physics and environmental sciences. This course is also recommended to engineering students who are transferring to chemical and biological engineering. Topics covered include radioactivity in nature; radioelement; physical properties of atomic nuclei and elementary particles; radioactive decay; decay modes nuclear radiation; measurement of nuclear radiation; and nuclear reactions.

CHE 231 Introduction to Radiochemistry Laboratory I (1) F,

Sp, Su Co- requisite: CHE 230. The course covers experiments which include an oscilloscope tutorial; MCA (ScintiVision and GammaVision); nuclear pulse instrumentation; and pulse height analysis. Students will acquire a standard proficiency in laboratory skills in Radiochemistry. Each laboratory has a brief statement of the laboratory goals and discussion of what concepts will be specifically demonstrated or determined from the measurements.

CHE 232 Introduction to Radiochemistry Laboratory II (2) F,

Sp, Su Prerequisite: CHE 231. Continuation of the introduction to the application of radiation and radiation protection instrumentation. Laboratory topics include personnel monitoring; radiation detection systems; gamma-ray spectroscopy; determination of environmental radiation; counting statistics; gamma and neutron shielding; and air sampling.

CHE 250 Radioactive Waste Management (3) F, Sp, Su

Co-requisite or prerequisite: CHE 230 or permission of the instructor. An introduction to radioactive waste management, including waste forms; regulation and siting; public health and environmental issues; remediation and stabilization; low- and high-level waste management; air dispersion; and radioactive ground water transport.

CHE 340 Survey of Physical Chemistry (3) F, Sp, Su

Prerequisites: CHE 112 or permission of instructor. Co-requisite: CHE 341. An introduction to the main principles of physical chemistry including fundamentals of thermodynamics as applied to gases, liquids and solutions, chemical equilibria, chemical kinetics and atomic structure.

CHE 341 Survey of Physical Chemistry Lab (1) F, Sp, Su

Co-requisite: CHE 340. Representative experiments in physical chemistry were designed to supplement CHE 340 including thermochemistry, phase diagrams, colligative properties, electrochemistry and chemical kinetics.

CHE 350 Principles of Radiological Health (3) F, Sp, Su

Prerequisite: CHE 230; co-requisite: CHE 351. This course is designed for chemistry majors with an emphasis in radiochemistry. Health physics, or radiological health, as it is frequently called, is the area of environmental health engineering that deals with the protection of the individual and population groups against the harmful effects of ionizing and nonionizing radiation.

CHE 351 Principles of Radiological Health Laboratory (1) F, Sp, Su

Co- requisite: CHE 350. This course is designed for chemistry majors with an emphasis in radiochemistry. Health physics, or radiological health, as it is frequently called, is the area of environmental health engineering that deals with the protection of the individual and population groups against the harmful effects of ionizing and nonionizing radiation. Some of the concepts encountered will be further explored here through the use of experimentation.

CHE 360 Physical Chemistry I (3) F, Sp, Su

Prerequisites: CHE 112 and MAT 201. Co-requisite: CHE 361. A study of the kinetic theory of gases, enthalpy and entropy, phase diagrams, thermodynamics, colligative properties, chemical equilibrium and equilibrium electrochemistry.

CHE 361 Physical Chemistry I Lab (1) F, Sp, Su

Co-requisite: CHE 360. Laboratory experiments are designed to supplement CHE 360. Experiments related to thermochemistry, thermodynamics, phase behavior, colligative properties and chemical equilibrium will be included.

CHE 362 Physical Chemistry II (3) F, Sp, Su

Prerequisite: CHE 360 or permission of instructor. Co-requisite: CHE 363. A study of the introduction to quantum theory, atomic structure and atomic spectra, electronic transitions, rotational and vibrational spectra, magnetic resonance, X-ray diffraction, catalysis and molecular reaction dynamics.

CHE 363 Physical Chemistry Lab II (1) F, Sp, Su

Co-requisite: CHE 362. Laboratory experiments designed to supplement CHE 362. Experiments related to spectroscopy, kinetics, colloids, electrochemistry, diffusion and thermochemistry are performed.

CHE 370 Advanced Radiochemistry/Nuclear Chemistry (3) F, Sp, Su

Prerequisite: CHE 230; co-requisite: CHE 371. This course provides a concise and complete description of the current knowledge and theories of radiochemistry and nuclear chemistry, as it applies to the various areas of science as a total discipline. The course will provide information about radioactive matter and its chemical/nuclear properties. Theoretical aspects of both radiochemistry and nuclear chemistry will be presented. Applications discussed include the use of radiochemicals in geochemistry, various dating methods, and the use of radiotracers in chemical research, and the environment as pertains to the geosphere and biosphere, among other pertinent topics.

CHE 371 Advanced Radiochemistry/Nuclear Chemistry Laboratory (1) F, Sp, Su

Co-requisite: CHE 370. This course provides a concise application of theory in the co-requisite course, Advanced Radiochemistry (CHE 370). The laboratories include determination of fission activity in radio elements, such as Uranium; the calculation of activity of various isotopes; and the determination of secular equilibrium using the ^{113}Sn isotope.

CHE 380 Immunochemistry (3) F, Sp, Su

Prerequisites: CHE 112 and CHE 210 or permission of instructor. Co-requisite: CHE 381. A study of the developments in immunochemistry, humoral and cell-mediated immunity, general types and other aspects of immunity, antibody-antigen binding, antibody-antigen reactions, antibody-hapten equilibrium expressions and Scatchard plot, intrinsic and multivalent binding, lattice theory, cross reactivity, double-diffusion ("Ouchterlony") method, immunoelectrophoresis, radial immunodiffusion, radioimmunoassay and enzyme-linked immunosorbent assay (ELISA).

CHE 381 Immunochemistry Lab (1) F, Sp, Su

Co-requisite: CHE 380 or permission of instructor. A study of the basic techniques in immunochemistry, agglutination methods, precipitation reactions, double immunodiffusion, radial immunodiffusion (RID), enzyme immunoassay (EIA), and electrophoresis techniques.

CHE 410 Instrumental Analysis (3) F, Sp, Su

Prerequisites: CHE 214, CHE 360, CHE 362 and PHY 252 or permission of instructor. Co-requisite: CHE 411. A study of Instrumental methods of chemical analysis including modern spectrometric methods: nuclear

magnetic resonance, infrared, visible, ultraviolet and mass spectroscopy; chromatographic methods: gas-liquid and high-performance liquid chromatography.

CHE 411 Instrumental Analysis Lab (1) F, Sp, Su

Co-requisite: CHE 410. Modern methods of quantitative analysis include nuclear magnetic resonance (NMR) spectrometer, mass spectrometer, UV- VIS spectrophotometer, GC and high-performance liquid chromatography (HPLC).

CHE 430 Biochemistry (3) F, Sp, Su

Prerequisite: CHE 212 or permission of instructor; co-requisite: CHE 431. Chemistry of proteins, carbohydrates, lipids, nucleic acids, vitamins; intermediary metabolism; biosynthesis of biomacromolecules; properties of enzymes, and molecular genetics.

CHE 431 Biochemistry Lab (1) F, Sp, Su

Prerequisite: CHE 213; co-requisite: CHE 430 or permission of instructor. Application of the principles of spectrophotometry, enzyme kinetics, chromatographic separation of materials, electrophoresis, centrifugation, and isolation of biological products.

CHE 460 Advanced Inorganic Chemistry (3) F, Sp, Su

Prerequisites: CHE 214, CHE 360 and CHE 362 or permission of instructor. Co- requisite: CHE 461. A study of atomic structure, molecular shape and symmetry, bonding and structure of inorganic compounds, solution chemistry, ligand field theory, organometallic compounds and advanced topics on reaction mechanisms of d-block complexes and photochemical reactions.

CHE 461 Advanced Inorganic Chemistry Lab (1) F, Sp, Su

Co-requisite: CHE 460. Ligand substitution reaction, rate laws, substitution in square-planar complexes, and substitution in octahedral complexes; synthesis of inorganic compounds and determination of their physical and chemical properties.

CHE 480 Special Topics in Nuclear and Radiochemistry (3) F, Sp, Su

Prerequisite: CHE 370 or permission of the instructor. This course provides students with a broad and general use of chemicals in physics, chemistry, and biology. It will introduce students to the latest research projects in which radionuclides are used and their practical applications.

COMMUNICATION

COM 103 Introduction to Public Speaking (3) F, Sp, Su

An introduction to effective communication in speaker-audience situations. Students learn basic techniques of researching, organizing and presenting their own, original ideas to an audience. There is additional emphasis on developing effective listening skills and ethical communication strategies for use in a democratic society.

COM 206 Communication Theory (3) F

This course is an introduction to communication theories and processes across a variety of contexts including interpersonal, cultural, organizational, public and media. Class activities urge students to become active participants in the process of theorizing and to develop an appreciation for the place of theory in the field of communication studies.

COM 207 Principles of Human Communication (3) Sp

This course will introduce students to communication principles, common communication practices, and a selection of theories to better understand the communication transactions that they experience in their daily lives.

COM 210 Newspaper Writing (3) S

This course provides a comprehensive introduction to the essential processes of reporting and disseminating news, focusing on AP style writing and beat reporting. Through lectures, practical assignments, and constructive feedback, students will learn to develop and execute publishable articles, mastering the foundational skills required for a career in print and digital journalism.

COM 295 TV News Reporting (3) S

This course introduces the essential principles of television news reporting. Student journalists will learn the significance of conducting effective interviews and honing their skills in clear, concise broadcast writing. Emphasizing the importance of meeting deadlines, this course prepares students to excel in the fast-paced world of television journalism.

COM 305 Broadcast Management (3) F

This course immerses students in the critical tasks and responsibilities of managing broadcast platforms such as radio, television, and digital media. Through lectures, guest speakers, online discussions, and hands-on practical exercises, students will gain a comprehensive understanding of the intricacies involved in successful broadcast management. Participants will not only grasp theoretical concepts but also develop the operational expertise necessary to thrive in a rapidly evolving media landscape.

COM 306 Business and Professional Speaking (3) F, Su

Prerequisite: COM 103. Preparation and presentation of longer speeches based upon the purposes and occasions of speaking. Emphasis is on techniques of persuasion and careful construction of speeches based upon analysis of actual audiences.

COM 307 Argumentation and Debate (3) F, Sp, Su

Prerequisite: COM 103. In this course students will gain experience identifying foundations of arguments, creating sound arguments, and refuting arguments. The class will also give students an opportunity to practice these skills in both oral and written form

COM 308 Voice and Diction (3) Sp

Developing effective articulation, focusing on pronunciation, intonation, rhythm and phrasing and vocal anatomy and fundamentals of the science of sound.

COM 309 Fundamentals of Radio/TV Production (3) Sp

This course introduces students to the history, regulation, and contemporary practice of radio and television. It emphasizes basic planning, production, and presentation of television and radio program materials.

COM 310 Survey of Mass Communication (3) F

Prerequisite: Sophomore Standing. The student will gain understanding of and insight into the mass media.

COM 312 Newswriting & Reporting (3) F

Prerequisite: Sophomore Standing. This course focuses on the principles and practices of gathering, writing, and editing news and feature material for dissemination in mass media. It introduces students to reporting and writing skills fundamental to journalism and related fields.

COM 314 Principles of Public Relations (3) F

Prerequisites: Junior Standing. This course will help students understand the process of public relations practice by studying its historical background and modern functioning. The case study approach will be used to evaluate campaign successes and failures.

COM 317 Publications Design (3) Sp

Prerequisites: Junior Standing. A lecture and laboratory course teaching techniques of design, layout, and production of publication materials, such as brochures, newsletters, in-house magazines, using the computer.

COM 318 Case Studies in Public Relations (3) Sp

Prerequisite: Junior Standing. Case studies and typical public relations problems in industry, labor, education, government, social welfare and trade associations.

COM 319 International Mass Communication (3) F

This course is designed to help students gain an understanding of world mass media—their composition, their operation, their impact on populations—and policies used by countries to develop or regulate them.

COM 321 Writing for the Electronic Media (3) Sp

Prerequisite: Junior Standing. Introduction to writing for radio and television with emphasis on news, features, and script preparation.

COM 322 Public Relations Writing (3) F

Prerequisites: Junior Standing. This course will include instruction and writing practice designed to develop the professional level writing skills expected of public relations practitioners, with emphasis on news releases, media alerts, captions, PSAs, fact sheets, backgrounders, and pitch letters.

COM 323 Organizational Communication (3) Sp

Prerequisites: Junior Standing. This course is an introduction to theory and research in organizational communication with emphasis on the systems, cultural and critical perspectives.

COM 325 Public Opinion & Propaganda (3) F

This course examines the nature of public opinion and propaganda from both a historical and contemporary perspective, focusing on persuasive communication techniques and economic, cultural, social and political considerations impacting mass media in human affairs and society.

COM 326 Television News Reporting (3) F

This course introduces students to beat reporting. They will write and produce stories.

COM 329 Television Production (3) F

Prerequisites: Junior Standing. This course introduces students to the principles of video technology and production protocol, including studio camera operation, control room equipment and studio programming.

COM 344 Diversity in Mass Communication (3) F

Prerequisite: Junior standing. This course addresses the following: (1) how minorities are portrayed in the mainstream media; (2) how and to what extent they participate in the mainstream media, particularly as actors, producers, reporters, and writers; and (3) what media are owned by minorities and how such media fill the gap left by mainstream media.

COM 406 TV Practicum (3) Sp

Prerequisites: COM 295, 329. This course introduces students to all facets of the news program, including story assignment, research, shooting, editing, operating cameras, stand-ups and managing live productions.

COM 422 Communication Research (3) Sp

Prerequisite: Senior Standing: This course will introduce students to the foundations of research in the communication field, including quantitative and qualitative methods. The focus is on understanding the process of research design, conducting research projects, collecting data, and writing the report.

COM 423 Public Relations Campaigns (3) F

Prerequisites: Senior Standing. The course will help students understand the process of public relations practice by emphasizing the techniques of the campaign. The course will study the operation of public relations from an integrated Marketing Communications (IMC) perspective.

COM 427 Communication Internship (3) F, Sp, Su

Prerequisites: Permission of the instructor. A program of internship in which Communication majors acquire on-the-job experience under the joint supervision of an employer and the instructor.

COM 430 Special Topics in Mass Media (3) F, Sp, Su

Prerequisites: Senior Standing. An in-depth examination of different areas of mass media from social, cultural, political, and economic perspectives.

COM 442 Media Law & Ethics (3) Sp

Prerequisites: Senior Standing. An exposition of the principles of mass communication law and ethics, focusing on constitutional guarantees.

COM 495 Senior Project (3) F, Sp

Prerequisites: COM 422. A program-culminating activity in communication researched, written or presented and/ or submitted for publication.

COMPUTER CERTIFICATIONS

CER 378 A+ Hardware Fundamentals (3)

This course covers the basic skills needed by IT technicians and prepares for the CompTIA A+ Core I industry certification exam. The course covers PC hardware and peripherals, mobile device hardware, networking and troubleshooting hardware, and network connectivity issues. Students will have hands-on experience disassembling, reassembling, and upgrading PCs in the lab.

CER 379 A+ Software Fundamentals (3)

This course covers the basic skills needed by an IT technician and prepares for the CompTIA A+ Core II industry certification exam. The course covers installing and configuring operating systems, including Windows, iOS, Android, Apple OS X, and Linux. It also addresses security, the fundamentals of cloud computing, and operational procedures.

CER 380 Network+ Certification Training(3)

This course is designed for students preparing for CompTIA Network+ Certification Exam. Students will learn how to install, configure, manage, troubleshoot and upgrade network devices including network interface cards, switches, hubs, wireless access points, routers, and patch panels.

CER 382 Security + Certification Training I (3)

This course offers CompTIA Security+ Certification Exam Training Preparation. It provides an introduction to the fundamentals of network security, including compliance and operational security; threats and vulnerabilities; application, data, and host security; access control and identity management; and cryptography.

COMPUTER SCIENCE CYBER AI MISCOMT 102 Critical Thinking for the Information Age (2) Sp

This course is designed to equip students with the ability to apply critical thinking in the field of Computing, Information Systems, Information Technology, and Mathematics. They will demonstrate critical thinking skills through the analysis and/or synthesis of information to draw conclusions or make decisions on matters pertaining to career planning, personal growth and goal setting as potential careers of the future in the information age.

CSC 101 Introduction to Computers (3) F, Sp, Su

This course will introduce the students to microcomputer usage and will fulfill the core curriculum computer literacy/technology requirements. Topics include; word processor, presentation, spreadsheet, and database.

CSC 211 Fundamentals of Cybersecurity (3) F, Sp

Prerequisite: CSC101 This course focuses on the basic components and concepts needed for understanding cybersecurity. These include basics and security vulnerabilities of computer network applications such as, resource sharing, information sharing, communication, remote computing, and distributed processing. Moreover, the course provides students with a concrete foundation to further master the concepts of cybersecurity.

CSC 230 Computer Programming I (3) F, Sp, Su

Prerequisite CSC 101. This course builds on the basic concepts and syntax of the Java programming language. It is the first course in the series of programming study in computer science. Topics include programming, problem solving, design, construct, analysis of the programs and object- oriented programming. This course requires a hands-on lab practice.

CSC 330 Computer Programming II (3) F, Sp

Prerequisite CSC 230. An intermediate level course in programming with a more advanced concepts and programming techniques. The course offers deeper understanding of classes and object in Java. The course also provides more in- depth skills in java programming such as polymorphism, inheritance, handling exceptions, file and string manipulation, and recursion.

CSC 333 System Analysis and Design (3) F

Prerequisite CSC 330. Uses analysis and review of existing systems to explain the structured systems analysis and design process. Working with the system's life cycles, topics include flow diagrams, cost/benefit analysis, interviewing and documentation. Students are required to solve case studies and develop a documentation portfolio.

CSC 335 Data Structures (3) Sp

Prerequisite: CSC 330 and MAT 210. This course studies the basic concepts of data structures and associated algorithms. The course covers arrays, simple sorting algorithms, stacks and queues, linked lists, recursion, advanced sorting, binary trees, red-black trees, 2- 3-4 trees and external storage, hash tables, heaps graphs, and weighted graphs. The relative advantages and disadvantages of data structure and its use are discussed.

CSC 341 Computer Organization (3) F, Sp

Prerequisite: CSC 330 and MAT 210. This course introduces computer hardware and system software concepts. The objective is to provide technical knowledge and skills on computer resource management, systems design, and systems implementation. Material on systems architecture, data storage technology, systems integration and performance, input/output technology, data and network communication, computer

networks, application development, operating systems, file management, internet and distributed applications, and system administration are presented in this course.

CSC 345 Web Technology (3) F

Prerequisite CSC 230. Students will learn how to plan and create a Web page from scratch, import and manage media from other sources, publishing and maintaining a web site, using hyperlinks to navigate throughout a website or link to other sites on the Internet, add navigation bars and user interactions on the Web.

CSC 350 Special Problems (3) F, Sp, Su

Prerequisite: CSC 330. Students are directed to perform projects or do individual readings in specific areas of computer science or management information systems.

CSC 355 Web Programming and Design I (3) Sp

Prerequisite: CSC 330. Students will be trained to use Object Oriented Programming to execute interactivity in Flash and to create animations by using special effects such as drawing objects, incorporating sound and video. Enhancement to the workspace, importing Photoshop and Firework files will also be included in this course.

CSC 360 Computer Operating Systems (3) F

Prerequisite: CSC 230. Introduces the students to operating systems and systems programming. Topics include design, implementation, and maintenance techniques, multi-level memory management and resource allocation, scheduling supervisors, loaders, I/O control systems, multi- programming, file and systems protection.

CSC 361 Linux Operating System (3) Sp

The course cover System Architecture, Linux Installation and Package Management, GNU and Unix Commands, Devices, Linux File systems, File system Hierarchy Standard Shells, Scripting and Data Management, User Interfaces and Desktops Administrative Tasks, Essential System Services and Networking Security. Topics explain concepts and theory and link them to real-world configurations and commands Key.

CSC 375 Network and Data Communications (3) F, Sp

Prerequisite: CSC232. This course covers the basic concepts of network and data communications. The course covers sections on network design essentials, media, interface cards, communications and protocols, architectures, administration and support, types of networks, troubleshooting network problems, and internet resources.

CSC 385 Artificial Intelligence (3) F, Sp

Prerequisite: CSC 230. This course discusses various areas of artificial intelligence, including knowledge representation, learning vision, expert systems, robotics, and natural languages. Artificial Intelligence programming languages and their techniques and control structures are also presented.

CSC 395 Software Engineering Principles (3) F

Prerequisite: CSC 330. This course uncovers the process of software engineering from beginning concepts, to design, testing, maintenance and retirement. Issues concerning integration, software quality, security, fault tolerance, human factors, operation, product feasibility and organizational structures are discussed.

CSC 405 Programming Languages (3) F

Prerequisite: CSC 330 and CSC 360. This course studies the basic concepts of programming languages. Students will gain a broad comprehension of many diverse programming languages, along with confidence and understanding, allowing the students to adopt new languages as they become available in the future.

CSC 424 Computer Forensics (3) Sp

Prerequisite: CSC493 Computer Security. The course examines the fundamentals of system forensics, description, role, specialists, evidence, and forensic analysis. The computer crimes, forensic methods, and laboratories will be discussed. The course also addresses the tools, techniques, and methods used to perform computer forensics, investigation, explores emerging technologies, and the future directions of forensics.

CSC 430 Computer Programming III (3) F

Prerequisite: CSC 330. This course builds on the intermediate skills developed in CSC330 Computer Programming II but has a focus on developing skills that are used in the real world. The course covers common algorithms such as recursion, searching and sorting, multimedia, handling multithreads, and network programming.

CSC 445 Management Information Systems (3) Sp

Prerequisite: CSC 230 and CSC 333. Study of life cycle and prototyping methodologies used to develop, implement, and maintain computer- based information systems. Discusses transaction processing, management information and decision- support systems. Can include case studies and team presentation.

CSC446 Cybersecurity Management and Compliance (3) Sp

Prerequisite: CSC211. This course focuses on the managerial aspects of information security and assurance. Provides knowledge and skills to protect enterprise assets by mitigating Cybersecurity and Information Technology related security risks. Exposure to Cybersecurity and Information Technology Security regulations and compliance, security policies, and incident response.

CSC456 - Natural Language Processing (3) F

This course covers the basics of Natural Language Processing, teaching students how to enable machines to understand and process human language. Students will explore key NLP tasks like text classification, sentiment analysis, and machine translation. The course includes both traditional methods and modern deep learning approaches, with hands-on projects to apply these techniques to real world problems.

CSC 460 Senior Project (3) Sp

Prerequisite: Senior Standing. This is a capstone course for seniors in the Department of Computer Science and Technology. Students will have an opportunity to undertake valuable research in areas of computer science, computer information systems, and management information systems to organize into teams and select a design project, complete the preliminary design project for approval and finally present detail and final design work or prototype to departmental faculty.

CSC462 Cryptography and Network Security (3) Sp

Prerequisite: CSC375 – Network and Data Communication This course explores the algorithms for secure computation and security challenges in network and protocol design. The course also studies Public and Private Key Cryptography, Multi-party Computation, Secret Sharing, Distributed, Homomorphic and functional encryption, and Network Security and Protocol Design.

CSC467 Cybersecurity Implementation – Ethical Hacking and Penetration Testing (3) Sp

Prerequisite: CSC211 The applications and standards that are necessary to secure a network from intrusion; firewalls, Bastion Hosts, Proxy Servers, and Honeypots will be implemented. The student will also use applications to perform vulnerability testing to determine network weaknesses by identifying common types of security attacks and implementing practical solution to protect organization from internal and external

treats. Students will assess security risks, secure network perimeters, servers and workstations; and response to security incidents.

CSC 475 Complexity Analysis of Algorithms (3) Sp

Prerequisite: CSC 335 and CSC 395. This course is a study of algorithm design, algorithm complexity analysis, and problem complexity analysis. Types of problems addressed will include dynamic programming, searching and sorting, divide & conquer, backtracking, branch-and-bound.

CSC480 – Robotics (3) F

This course covers the theoretical fundamentals and the latest technological advances in robot kinematics. Students will explore the rapid advancements in robotics and motion planning, enabling the implementation of more powerful and dynamic algorithms. The course provides an in-depth understanding of robotic and motion control, incorporating control theory and nonlinear system analysis to equip students with comprehensive knowledge.

CSC 481 Data Visualization (3) F

This course covers the concepts of data visualization. Students learn how to convert large amounts of data into

easily understandable visuals. The tools and knowledge to make informed, data-driven decisions. Students will explore the differences between various data visualization techniques and learn how to select the most appropriate methods based on the type and nature of the data they are working with, as well as the results they

aim to present.

CSC 483 Database Management Systems (3) Sp

Prerequisite CSC 333 or CSC 395. The study focuses on the theoretical design and management of database systems conceptual data models, implementation models, data dictionary and policy formulation. The study will also uncover structures relating to databases, design methodology, normalization, integrity constraints, distributed databases, data warehouse, and relational algebra.

CSC 490 Computer Ethics (3) Sp

Prerequisite: Junior or Senior Standing. This course deals with the ethical and social issues arising from the development and deployment of computers in society. The course also provides fundamental information about computer and technology ethics, as well as the details the ramifications of continuing technological developments with regard to privacy, security, piracy, access to computing technology for person with disabilities and other important philosophical and ethical issues.

CSC 491 Applied Analytics (3) F

This course will expose students to animation techniques and web programming with ActionScript in Flash and Java Script. The course emphasizes Web Multimedia Applications, such as the user interface, drawing tools, inverse kinematics and 3D tools, mathematics objects, and the Media Encoder.

CSC 493 Computer Security (3) Sp

This course deals with the essentials of computer security. It covers cryptography, computer system security, database, operating systems, network security, mobility, and writing secure programs. There is a special emphasis on: single key and public key, authentication, access control, malicious software, firewalls, VPNs, intrusion detection and prevention systems, Denial of Service attacks, and other security technologies.

CSC 494 Project Development (3) Sp

Prerequisite: CSC 333 or CSC 395. Detailed techniques for designing and developing software for large programs will be addressed. Design strategies, methodologies, and various paradigms are taught. Architectural models, development tools and environments, implementation guidelines, and documentation will be included.

CSC 498 Cooperative Education in Computer Science I (1-6) F, Sp, Su

Prerequisite: Permission of the Chairperson. Provides entry level work experience in the areas of analyzing, designing, implementing, and testing computer hardware and software. This course also includes managing information systems, and processing data for federal, state, or local governments, private enterprises or other agencies.

CSC 499 Cooperative Education in Computer Science II (1- 12) F, Sp, Su

Prerequisite: Permission of the Chairperson. Provides advanced work experience in analyzing, designing, implementing, and testing computer hardware and software. This course also includes managing information systems, and processing data for federal, state, or local governments, private enterprises, or other agencies.

CRIMINAL JUSTICE

CRJ 200 Introduction to the Criminal Justice System (3) F, Sp

Presents a relatively broad view of the entire criminal justice process: agencies, courts, police, correction prisons, jails, probation, and parole; providing historical and philosophical foundations of the system, developing a knowledge of terms, practices, and procedures, and emphasizing contemporary problems within the system.

CRJ 301 Criminal Law I (3) F, Sp, Su

Prerequisite: CRJ 200. Designed to provide knowledge of the elements of proof necessary for prosecution of the various substantive crimes, viewing both that of the common law and statutory modifications; trial and appellate procedure, rules of evidence, codes of criminal procedure and current trends and problems within the judiciary system.

CRJ 302 Criminal Law II (3) Sp

Prerequisite: CRJ 200. A continuation of Criminal Law I, this course places emphasis on constitutional foundations and restraints on the exercise of government power. The case study method is used, emphasizing decisions of the U.S. Supreme Court in areas of basic rights and liberties pertinent to arrest and restraint, right to counsel, search and seizure, freedom of speech, due process, the judiciary in involvement of the rule of law, and protection of individual rights in a democracy.

CRJ 303 Probation and Parole System (3) F

Prerequisite: CRJ 200. Examines the community-based treatment aspect of the corrections system. Probation and parole philosophy and development, pre- sentence investigation, supervision and methods are reviewed.

CRJ 304 Causes and Prevention of Delinquency and Crime (3) Sp

Prerequisite: CRJ 200. Provides a wide scope of knowledge in the application of social theory and research of the problems of delinquency and crime. Emphasis is placed on means and methods of treatment of the individual as a means of preventing criminal careers and recidivism. Institutions and agencies theory and practice are explored.

CRJ 305 Confinement Facilities (3) Sp

Prerequisite: CRJ 200. A critical analysis of the origin and development of jails, prisons and correctional facilities. Institutional procedures, physical plants, custody and control, administration and management procedures, inmate treatment, and preparation for return to the community are studied.

CRJ 306 Correctional Philosophy and Services (3) F

Prerequisite: CRJ 200. Emphasizes community treatment programs as alternatives to institutionalization, the use of volunteers and para- professionals, release and furlough programs. This course also examines community resources that affect the criminal justice system.

CRJ 307 Criminology (3) F, Sp

Prerequisite: CRJ 200. An examination of the field of criminology, including related theories, basic assumptions, definitions and concepts.

CRJ 308 Juvenile Law (3) F

Prerequisite: CRJ 200. Surveys the basic concepts within juvenile law. Constitutional and statutory rights and responsibilities within juvenile law and the distinction between the juvenile courts and the adult criminal courts will be covered. The scope of a juvenile's due process protections and civil rights will be discussed.

CRJ 309 Juvenile Justice System through a Reform Lens (3) Sp

Prerequisite: CRJ 200. Students will discuss and develop strategies to reform the current juvenile justice system. Topics for discussion will include the history of the juvenile courts, current practices of the juvenile justice system, adolescent brain development, preventing recidivism, and fairness within the of the juvenile justice system including reducing racial/ethnic disparities.

CRJ 310 Ethics, Crime, and Justice (3) Sp

Prerequisite: CRJ 200. Provides specialized instruction with respect to the issue of ethics within the criminal justice and juvenile justice systems and its impact on offenders, victims, and society. Students will learn the ethical issues police, prosecution, courts, and correctional systems are confronted with daily in discretionary decision-making, and how these issues are manifest at various stages within the criminal justice and juvenile justice systems.

CRJ 400 Selected Topics in Criminal Justice (3) Sp, Su

Prerequisite: CRJ 200. Topics may include methods of correctional treatment, criminal investigation, government and industrial security, selected law topics, and police-community relations.

CRJ 403 Police Administration (3) F, Sp

Prerequisite: CRJ 200. A study of the principles of organization, administration, and functioning of police departments to include inspection and control, personnel training, and operations. Emphasis is also placed on operational services, records, communication and custody.

CRJ 405 Law Enforcement (3)F

Prerequisite: CRJ 200. A study of both procedural and substantive state statutes and state traffic laws. Legal guidelines for police officers are included.

CRJ 406 Senior Seminar in Criminal Justice (3) Sp, Su

Prerequisite: 12 credits in Criminal Justice. Provide opportunities for advanced discussion and projects focusing on current issues and problems in the criminal justice system.

CRJ 407 Constitutional Law I (3) F, Sp, Su

Prerequisite: CRJ 200. An exploration of pre-constitutional development philosophy and forms of constitutions, interpretation and constructions, the amendment of constitutions, the federal system,

distribution of sovereign powers, power of the executive, legislative, and judicial branches of government, constitutional limitations, guarantees and the impact of the constitution upon the criminal justice system.

CRJ 408 Constitutional Law II (3) Sp

Prerequisite: CRJ 200 and POL 301. A continuation of Constitutional Law I, this course additionally explores civil rights and liberties.

CRJ 409 Criminal Evidence and Court Procedure (3)Sp

Prerequisite: CRJ 200. An examination of rules governing the admissibility of evidence, specifically as they affect the law enforcement officer in the process of arrest, use of force, search, seizure, preservation, custody, testimony and courtroom procedures.

CRJ 410 Private and Public Security (3) F, Su

Prerequisite: CRJ 200. This course examines the field of private and public security systems including the protection of life, property, and the maintenance of social order.

CRJ 411 Drugs, Alcohol, and Crime (3) Sp

Prerequisite: CRJ 200. This course examines history, pharmacology, health consequences and the criminal aspects of mind-altering drugs. Emphasis is placed on the effects of substances on criminal behavior, the legal response to the problem, and on the treatment and prevention of drug abuse.

CRJ 412 Criminal Investigation (3) F

Prerequisite: CRJ 200. This course examines aspects of criminal investigations: its function, history, current obligation, and future prospects.

CRJ 421 Field Placement I (3) F, Sp, Su

Prerequisite: Senior standing (90 credits). Learning through supervised work experience in a selected criminal justice department or agency. Supervision of the learning experience is provided by the agency, and the faculty placement director. Registration and planning with the placement director must be completed one semester prior to placement.

CRJ 422 Field Placement II (3) F, Sp, Su

Prerequisite: CRJ 421. This course, a continuation of Field Placement I, involves learning through supervised work experience in a criminal justice agency. Supervision of the learning experience is provided by the field placement director.

DATA SCIENCES

DAT 200 Introduction to Artificial Intelligence and Data Science (3) F

Prerequisite: CSC101. This course is an all-encompassing, interactive course designed to develop an applied understanding of data science concepts. Without requiring prior knowledge in programming or statistics, it covers essential topics such as data preprocessing, regression techniques, supervised and unsupervised learning algorithms, decision trees, neural networks, ensemble methods, model evaluation techniques, and artificial intelligence.

DAT 300 Data Analytics with R (3) Sp

Prerequisite: MAT205. This course introduces R, a powerful tool for data analysis. Students will learn R code, use RStudio, and explore R packages. R simplifies data cleaning, organization, and visualization, making it ideal for businesses seeking a competitive edge. Students will engage in hands-on sessions to unlock R's capabilities for effective data handling and presentation.

DAT 400 Machine Learning (3) F

Prerequisite: MAT321. This course provides a solid understanding of key concepts and techniques in machine learning, including data preparation, exploratory analysis, regression models, and dimensionality reduction. Emphasizing practical implementation, Python programming, and hands-on learning with libraries like NumPy and scikit-learn, equipping learners to apply machine learning to real-world problems.

DAT 450 Deep Learning (3) S

Prerequisite: DAT 400. This course explores advanced topics in machine learning using Python. It covers deep learning, ensemble learning, neural networks, and other sophisticated machine learning concepts. The course effectively balances theory with practical exercises, enabling students to leverage Python's data science libraries to build models and address real-world problems.

DRAMA

DRA 200 Drama Appreciation (3) F, Sp

Drama and theatre from a literary perspective, beginning with early ritual to contemporary theatre, including influences by Africans and African Americans.

ECONOMICS

ECO 201 Principles of Macroeconomics (3) F, Sp, Su

Prerequisite: MAT 110 OR MAT 111. A study of the aggregate level of national income and output as it affects economic growth and stability, inflation, unemployment.

ECO 202 Principles of Microeconomics (3) F, Sp, Su

Prerequisite: MAT 111 OR MAT 112. A study of U.S. market systems emphasizing concepts of supply and demand, competition, pricing, resource allocation as applied to issues in business, labor, and public policy.

ECO 371 Money & Capital Markets (3) F, Sp, Su

Prerequisites: ECO 201, ECO 202. Analytical framework to provide the necessary tools to understand the U.S. financial system and its operation. Topics include financial markets, money management of financial institutions, the Federal Reserve System, monetary policy, and international financial system.

ECO 420 International Economics and Trade (3) Sp

Prerequisites: ECO 201 and ECO 202. A broad view of international trade with emphasis on the theories of international trade, balance of payments, commercial policy, international specialization, foreign exchange markets, and government intervention.

ECO 485 Environmental Economics (3) F

Prerequisite: ECO 210 and ECO 202. A study of the relations among resource allocations, environmental concerns, and economic institutions and policy. Emphasis is on alternative strategies in solving the problems of environmental quality and resource scarcity.

EDUCATION

EDU 102 Thinking Critically about Education (2) Sp

This course is designed to equip students with the ability to apply critical thinking in the field of education. Students will read and discuss a wide range of materials taken from various resources and will complete projects that incorporate critical thinking abilities to demonstrate ability to draw conclusions and make decisions regarding goal setting, personal growth, and career planning in education.

EDU 206 Teaching in Middle and Secondary Schools (3) F, Sp, Su

Teacher Certification Course and required for Secondary majors and ESE majors. Methods, materials, and procedures for teaching in the middle secondary school with emphasis on work units, lesson plans, nature of

the pupil, learning activities, evaluation, reports, and classroom management techniques that focus on current trends and utilization of appropriate technology.

EDU 207 Instructional Technology (3) F, Sp, Su

Prerequisites: Successful completion of all EDU 200 level courses. All Education majors except Music Education. This course is designed to teach students to incorporate media and technologies for learning in their repertoire, to use them as teaching tools, and to guide students in using them as learning tools in elementary and secondary schools.

EDU 208: Human Development and Learning Theory F, Sp, Su

This course provides a basic introduction to the study of human growth and development with respect to physical, social, cognitive, gender, emotional, and personality issues, in conjunction with consideration of theories of learning and teaching that apply to student development, genetic influences on development, how language develops and conditions resulting in abnormal development.

EDU 209: Instructional Design and Planning for Diverse Learners F, Sp, Su

This course focuses on the application of instructional design principles to the development of instruction. Topics include contemporary issues and trends in instructional design, foundations in learning research, requirements for instruction, task and needs analysis, learning situations and instructional models, learner characteristics, and effective implementation. Candidates will develop the knowledge and skills needed to teach diverse populations, including students who are ESOL or have identified disabilities, in general education settings.

EDU 302 Science in Elementary School (3) F, Sp, Su

Prerequisites: BIO 101, PSC 101, ENV 101. This course is designed to provide techniques of instruction and methods of instruction in the delivery of an elementary science curriculum. Topics will include educational philosophies, how children learn science, learning activities, thinking skills, science resources, assessment and subject matter in the major science content areas. For students in grade K- 6. The needs of special students are also addressed. The course is based on State and National Standards.

EDU 304 Teaching Social Studies for Elementary Schools (3) F, Sp, Su

All Elementary Education, Exceptional Education majors and Teacher Certification. This course is designed to provide a knowledge base, instructional methods, and motivational techniques that will enable pre- teachers to help young people develop tools for effective living. Computers will be integrated into the learning process. For students in grade K-6. The needs of special students are also addressed. The course is based on State and National Standards.

EDU 307 Teaching Mathematics in Elementary Schools (3) F, Sp, Su

Prerequisites: Successful completion of Math 105 and Math 106 with a "C" or higher. All Elementary Education, Exceptional Education majors and Teacher Certification. The course is designed to provide the most current and usable information in Mathematics useful for elementary teachers. It also integrates great ideas and pedagogy in teaching mathematics for students in grades K-6. The needs of special students are also addressed. The course is based on State and National Standards.

EDU 308 Teaching Reading in the Elementary Schools (3) F, Sp, Su

Prerequisites: Successful completion of ENG 102, REA 101 with a "C" or higher. All Elementary Education, Exceptional Education and Middle Grades and Secondary English Education majors. Involves the reading process as it relates to principles of learning, child development, and self-image. The course considers current

views of how young children become literate, how to help children become involved and interested in their own learning, and how to help children use reading and writing for authentic purposes for students in grades K-6. Selected ESOL competencies are also infused. The course is based on State and National Standards.

EDU 310: Principles of Educational Assessment F, Sp, Su

This course provides an in-depth study of the use of formal and informal authentic assessment in the K-12 classroom. It is designed to help students understand the importance of valid and reliable classroom assessments to support student learning, the interplay between classroom assessments and larger scale assessments. The course will be delivered in a hybrid format.

EDU 311: Ethics and Law in Education F, Sp, Su

This course is designed for pre-service educators to provide insight into ethical and legal issues that may impact them as educators. It addresses the major issues including dealing with students from diverse backgrounds and the importance of ensuring that all stakeholders involved in the educational arena are treated with dignity and respect.

EDU 313, 314, 315 Pre-Student Teaching Lab (1) F, Sp, Su

Required for all Education majors. Prerequisites: Successful completion of EDU 204 or 206 and EDU 203. Pre-Student Teaching is a field experience for majors in education who are preparing for the status of internship. Students must observe the quality of classroom management techniques and participate in classroom activities. These experiences help to build self-confidence, eliminate shyness and stage fright, and provide an opportunity to test the decision to become a teacher.

EDU 408 Classroom Behavioral Management (3) F, Sp, Su

Required for all Education majors except Exceptional Education majors. Must be taken on the main campus. Prerequisites: Successful completion of EDU 205 and all 300 level EDU courses. This course draws upon sociologists' perspective of schools as a social organization with an emphasis on the characteristics of the classroom as a social unit, the leadership functions of the teacher, and the impact of the teacher's leadership decisions on the classroom organization and its membership. It attends to classroom management practices, the principles of field psychology, behavioristic and humanistic psychology. It also covers transactional analysis, teacher effectiveness training, psychodrama, socio-drama, and technological management.

EDU 411 Diagnosis and Remediation F, Sp, Su

Prerequisite EDU 308. Required for English Elementary Education and Exceptional Education majors. Current views on sequential development skills and concepts of reading, recognition and diagnosis of reading problems, and prescription and utilization of appropriate methods and materials to increase reading performance. Selected ESOL competencies are also included.

EDU 417 Teaching Social Studies in Middle and Secondary Schools (3) F, Sp, Su

Teacher Certification Course. Methods and materials for teaching Social Studies in the middle and secondary school with emphasis on objectives, selection and organization of instructional units, teaching aids methods and procedures of instruction, and processes of evaluation. The needs of special students are also addressed. The course is based on State and National Standards.

EDU 418 Teaching English in Middle and Secondary Schools (3) F, Sp, Su

Teacher Certification Course and required for English Education majors. Prerequisites: Successful completion of ENG 101, 102, REA 101 Methods and materials for teaching English in the middle and secondary school with

emphasis on objectives, selection and organization of instructional units, teaching aids, methods and procedures of instruction and processes of evaluation. The course is based on State and National Standards.

EDU 419 Teaching Science in Middle and Secondary Schools (3) F, Sp, Su

Teacher Certification Course. Required for Science Education Majors. Objectives, contents, and methods in secondary school science programs with emphasis on current practices and instructional materials. The needs of special students are also addressed. The course is based on State and National Standards.

EDU 423 Teaching Mathematics in the Secondary Schools (3) F, Sp, Su

Pre- requisite: Successful completion of 200 and 300 level mathematics course and passed mathematics section of General Knowledge (GK). A study of effective methods of teaching mathematics in the secondary schools with a discussion of textbooks and tests. The course is based on State and National Standards.

EDU 426 Content Area Reading (3) F, Sp, Su

Pre-requisites: Successful completion of English 101, 102. Required for all Education majors. This course will focus on the pre-service teacher working towards enabling children to view reading as a powerful source of acquiring information, to use reading materials purposefully, to develop as proficient readers and learners who enjoy reading materials purposefully, and to develop as proficient readers and learners who enjoy reading and learning. The course will include theories about effective reading instruction and procedures for implementing that instruction, including diagnostic teaching techniques for students in grades K-12. Selected ESOL competencies are also infused. The course is based on State and National Standards.

EDU 427 Language Art & Children's Literature in Elementary School (3) F, Sp, Su

Pre-requisites: Successful completion of English 101, 102. All Elementary Education, Exceptional Education, and Middle Grades and Secondary English Education majors. This course considers principles of modern scientific study of language experience in a child's life, the nature of development of needs, interest, and abilities in the basic communication skills. It provides an overview of literary materials for children in early and elementary school with an emphasis on pre-service teachers becoming familiar with popular children's literature, on their being able to evaluate and select literature based on children's developmental appropriateness, and on their developing a sound methodology for using books to enrich children's lives. For students in grades K-12. Selected ESOL competencies are also infused. The course is based on State and National Standards.

EDU 432 Supervised Practicum in Reading (3)

Pre-requisites: EDU 308, 411. This course is designed to afford students a supervised practicum to obtain practical experience in increasing the performance of a student(s) with the prescription and utilization of appropriate strategies and materials based upon scientifically based reading research to address the prevention, identification, and remediation of reading difficulties.

EDU 440 Cooperative Education

This course is designed for candidate's seeking initial certification in a specific teaching field. Students have the option to complete 6 credits that will allow them employment in a related field in education and potentially receive compensation from the employer. EDU 440 Cooperative Education equips students with necessary skills and practical experience to prepare them for employment in their related field. This course can be taken by any education major who is in the senior year of study and has met the required prerequisite. Prerequisites: Successful completion of all major requirements and EDU 313, EDU 314, EDU 315.

EDU 450 Educational Internship (9) F, Sp

Prerequisites: Successful completion of all major requirements and all sections of General Knowledge and Professional Education subtest. Practical experience in teaching activities of the classroom with the student in full charge of the class under the guidance of a skilled, experienced teacher in the field.

ENGLISH

ENG 101 College Writing I (3) F, Sp, Su

Prerequisite: Successful completion of DSE 099 or the required minimum scores on the writing and grammar sections of the placement test. This course focuses on effective writing, grammar review, and critical thinking. Students develop research and writing skills using classical rhetorical modes of argument and logic and by authoring college-level essays and research papers with the use of information technology. This course will satisfy the Gordon Rule requirement in the Florida State University System.

ENG 102 College Writing II (3) F, Sp, Su

Prerequisite: Successful completion of ENG 101 or the required minimum scores on the writing and grammar section of the placement test. This is an intensive writing, reading, and research course. Students compose research papers and college-level essays based on readings from poetry, short stories, drama, novels, periodicals, and other literature, incorporating the use of information technology. This course will satisfy the Gordon Rule.

ENG 201 World Literature I (3) F

Prerequisite: ENG 102. Survey course in world literature. An appreciation of diverse cultures through the literature produced on the European and Asian continents by civilizations such as the Babylonians, Greeks, Chinese, Indians, Romans, Japanese, Scandinavians, and Anglo-Saxons, (c. 700 B.C.E. to 1400 C.E.)

ENG 202 World Literature II (3) Sp

Prerequisite: ENG 102. A survey course in world literature. The continuance of World Literature I, from the Renaissance through the post-World War II period. The multi-cultural approach will include European, Asian, African, and Native American writers.

ENG 212 Ethnic American Literature (3) F

Prerequisite: ENG 102. This course will focus on works written by African Americans, Native Americans, Mexican Americans, Asian Americans, Puerto Ricans, and others.

ENG 295 African Literature (3) F, Sp, S

This course presents an introduction to writers and diverse literary traditions from throughout the African continent. Included are a selection of texts representative of different genres and regions. Particular attention will be paid to the cultural and historical context of the writing and reception of the literature. Expected themes include identity; colonialism; the politics of language; cultural nationalism and the independent nation-state; diaspora; gender, sexuality and African cultural traditions. Literary selections will be determined by regional or thematic topics. Writers may include Chinua Achebe, Tsitsi Dangarembga, Nadine Gordimer, Ngugi wa Thiong’ O, Buchi Emecheta, Alex La Guma, Athol Fugard, Mariama Bâ, Wole Soyinka, Nawal El Sadaawi, among others.

ENG 297 Caribbean Literature (3) Sp

Prerequisite: ENG 102. This course will include a representative range of Caribbean writers.

ENG 301 Advanced Composition & Rhetoric (3) Sp, Su

Prerequisite: ENG 102. Advanced comprehensive exercises in expository writing designed to develop sophistication of style in the student's writing. Upon approval of the advisor, this course can substitute for Eng 309.

ENG 303 English Literature I (3) F

Prerequisite: ENG 102. A survey course of English literature from the Middle Ages through the eighteenth century.

ENG 304 English Literature II (3) Sp

Prerequisite: ENG 102. A study of English authors of the Romantic, Victorian, Modern, and Contemporary periods.

ENG 308 African American Literature (3) Sp, Su

Prerequisite: ENG 102. A study of African American authors and their works to include a close examination of the African American legacy as a basis for understanding American civilization.

ENG 309 Advanced Grammar & Composition (3) F, Su

Prerequisite: ENG 102. An advanced course in developing and analyzing argumentative writing across a range of academic, professional, and popular writing contexts. Upon approval of the advisor, this course can substitute for ENG 301.

ENG 310 Study Abroad (3-6) Su

Prerequisite: Permission of the Director of the Study Abroad Program. On- site explorations of personalities, original manuscripts, and locales of major authors.

ENG 315 Adolescent Literature (3) Sp, Su

Prerequisite: ENG 102. An overview of literature written for, by, or about young adults

ENG 316 African American Women Writers (3) F, Sp Prerequisite: ENG 102. This course is an overview of the writings of African American women from the Colonial period to the present.

ENG 340 American Literature (1945 to the Present) (3) F, Sp Prerequisite: ENG 102. This course is a survey of American literature from 1945 to the present.

ENG 351 Contemporary Poetry (3) F, Sp

Prerequisite: ENG 102. Poetry of the Contemporary Period, 1950 to the present.

ENG 355 The Harlem Renaissance (3) F

Prerequisite: ENG 102. Emphasis on writers, musicians, and artists of the Harlem Renaissance.

ENG 361 Contemporary Fiction (3) Sp

Prerequisite: ENG 102. Fiction of the Contemporary Period, 1950 to the present.

ENG 371 Contemporary Drama (3) F, Sp

Prerequisite: ENG 102. Drama of the Contemporary Period, 1950 to the present.

ENG 383 Literary Criticism (3) F

Prerequisite: ENG 102. Approaches to literary criticism. Emphasis on twentieth century theory, including Post-structuralism, gender studies, and multicultural criticism.

ENG 400 The Novel (3) F, Sp

Prerequisite: ENG 102. A study of the genre through selected novels.

ENG 401 Renaissance Literature (3) F

Prerequisite: ENG 102. A study of the major writers of the 16th and 17th centuries.

ENG 402 Romantic Literature (3) Sp

Prerequisite: ENG 102. A study of British poetry and prose, 1789- 1832.

ENG 403 Shakespeare (3) Sp

Prerequisite: ENG 102. Examination of Shakespeare's representative plays and sonnets.

ENG 404 Victorian Literature (3) Sp

Prerequisite: ENG 102. A study of British literature from 1832- 1901.

ENG 405 Creative Writing (3) F, Sp

Prerequisite: ENG 102 Analysis and writing of poems, drama, and short stories.

ENG 410 Study Abroad (3-6) Su

Prerequisite: Permission of the Director of the Study Abroad program. On- site explorations of personalities, original manuscripts, and locales of major authors.

ENG 441 Women Writers (3) Sp

Prerequisite: ENG 102. Selected readings of women's writings and feminist criticism.

ENG 442 Postcolonial Literature (3) Sp

Prerequisite: ENG 102. This course will include an interdisciplinary study of postcolonial literature by selected writers.

ENG 443 Special Topics (3) F, Sp

Prerequisite: ENG 102. Content to be determined by the Department as requested by faculty or students to fill specified needs or interests. May be taken twice for an additional three credits.

ENG 444 Mythology (3) F

Prerequisite: ENG: 102. Survey course of major myths and noteworthy minor myths which various cultures have developed in attempts to come to terms with perceived reality. The course will also explore the belief systems which underlie those myths and enable students to recognize the continued relevance of myth and myth-making.

ENG 455 American Literature (1800-1865) (3) F

Prerequisite: ENG 102. A survey course of American literature in the early 19th century through the Civil War. Representative works include those of Emerson, Whitman, Poe, Hawthorne, Melville, Horton, Douglass, Stowe, Brown, Jacobs, Fuller, and other American writers.

ENG 456 American Literature (1865-1914) (3) F, Sp

Prerequisite: ENG 102. Realism in American literature: representative works include Clemens, Howells, James, Chopin, Washington, Gilman, Du Bois, Crane, Dreiser, and other American writers.

ENG 457 American Literature (1914-1945) (3) F, Sp

Prerequisite: ENG 102. Modernism in American Literature: representative works include Millay, Frost, Anderson, O'Neill, Eliot, Hurston, Fitzgerald, Hemingway, Hughes, Wright, and other American writers.

ENG 460 Applied Linguistics (3) F, Sp, Su

Prerequisite: ENG 102. An overview of the principles of linguistics applied to language teaching and learning. Emphasis on constructive analysis of native and target languages applied to teaching bilingual/ESOL or foreign language students. This course is not applicable as credits toward an English degree.

ENG 465 Internship (3) Su

Prerequisite: ENG 102. This course provides the student with on- the-job training under the auspices of the employer and department advisor. May be taken twice for an additional three credits.

ENG 495 Senior Project (3) F

Prerequisite: Permission of advisor. A capstone course in English requiring research, critical thinking, technology, presentation, and scholarly proficiency. MLA format is required.

ENGLISH AS A SECOND LANGUAGE

ESL 098 College Language Skills I (3) F, Sp, Su

Prerequisite: Placement examination. A fundamental college course primarily for non-native speakers of English. Stress is on the development of all communication skills (listening, speaking, reading, writing) toward gaining functional proficiency in critical reading and academic writing.

ESL 099 College Language Skills II (3) F, Sp, Su

Prerequisite: Placement examination or ESL 098. Continued development of all communication skills (listening, speaking, reading, writing) toward gaining functional proficiency in critical reading and academic writing.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES

ESO 402 Curriculum and Materials Development (3) F, Sp, S

Prerequisite: EDU 208 and 209. Teacher Certification and All Education Majors. A study of the content development, materials, and evaluation of ESOL curriculum for use in bilingual or multilingual settings. The course includes a survey of techniques for assessing needs, determining objectives, and designing and evaluating curriculum materials.

ENVIRONMENTAL SCIENCE

ENV 101 Introduction to Environmental Science (3) F, Sp, Su

This course is a general introduction to environmental concepts, including a history of the environmental movement, global habitats, ecosystem dynamics, population dynamics, living resources, biodiversity, environmental hazards, environmental justice, energy resources, air and water resources, eco- spirituality, and sustainability.

ENV 131 Introduction to Earth Science (3) F, Sp, Su

This course is designed as a survey of astronomy, geology, meteorology, and marine science.

ENV 301 Wetland Ecology (3) F, Sp, Su

Prerequisite: BIO 130. An examination of the structure, function, and dynamics of wetland ecosystems, with emphasis on wetlands in tropical and semi-tropical regions and the effects of human activities.

ENV 302 Wetland Ecology Laboratory (1) F, Sp, Su

Prerequisite: BIO 131. A field examination of the structures and dynamics of wetland ecosystems in Southern Florida, including soil types, indicator species, and human influences.

ENV 304/GEO 304 Population Studies (3) Sp

A study of demographic patterns, fertility, birth rates, death rates, and a comparison of population growth, problems, and issues.

ENV 331 Urban Ecology (3) F, Sp, Su

Prerequisite: BIO 320. An examination of urban and suburban ecosystems, emphasizing energy relations, ecological functions of urban landscapes, urban wildlife, urban forestry, and ecological issues relevant to human health and well-being.

ENV 332 Urban Ecology Laboratory (1) F, Sp, Su

Prerequisite: BIO 321. A field examination of the structures and dynamics of urban ecosystems in Southern Florida, including soil types, indicator species, and human influences.

ENV 362 Spirit and Nature (3) F, Sp, Su

A survey of environmental philosophy and theology, including deep ecology, eco- feminism, social ecology, creation theology, and earth wisdom.

ENV 381 Air Resources (3) F, Sp, Su

Prerequisite: ENV 101. An examination of common air pollutants, their sources, methods of control, and various legislative and administrative approaches.

ENV 382 Water Resources (3) F, Sp, Su

Prerequisite: ENV 101. An examination of water use and management, water pollution problems, and methods of control and treatment.

ENV 383 Biotic Resources (3) F, Sp, Su

Prerequisite: ENV 101. An examination of the earth's biomes and the factors influencing their productivity, conservation, and human use. Particular attention will be given to sustainability.

ENV 384 Energy Resources (3) F, Sp, Su

Prerequisite: ENV 101. An examination of energy resources and power generation in modern society, as well as the fundamental energy relationships between industrial and domestic processes.

ENV 401 Ecology of South Florida (3) F, Sp, Su

Prerequisites: BIO 320. An examination of the structure, function, and dynamics of the South Florida ecosystems.

ENV 402 South Florida Ecology Laboratory (1) F, Sp, Su

Prerequisite: BIO 321. A field examination of the structures and dynamics of ecosystems in South Florida, including the identification of selected species.

ENV 450 Field Studies in Environmental Studies (3) F, Sp, Su

Original investigations on a topic in environmental studies conducted in the field under the supervision of a directing faculty member.

ENV 451 Senior Seminar (3) F, Sp, Su

A series of talks and exercises on the development of professional skills, data presentation, current environmental topics, and the presentation of original field or library research.

ENV 470 Natural Resource Management (3) F, Sp, Su

Prerequisite: Senior standing in Environmental Science. An introduction to the management of natural resources, including timber, fisheries, national parks, rangelands, and mining.

ENV 471 Environmental Policy in the United States (3) F, Sp, Su

Prerequisites: Senior standing in Environmental Science or permission of the instructor. An introduction to environmental policy, including applicable environmental legislation, and the role of regulation at the national, state, and county levels.

EXCEPTIONAL STUDENT EDUCATION

ESE 408 Behavior Management for Students with Varying Exceptionalities (3) F, Sp, Su

Prerequisites: ESE 430, ESE 434. Exceptional Student Education majors only. A comprehensive course that focuses on the positive manipulation of the learning environment to promote successful behavior and skill acquisition. The student will learn how to do preventive discipline —proactive strategies and activities appropriate for managing the spectrum of exceptional students.

ESE 409: Positive Behavior Supports F, Sp, Su

This course comprehensively focuses on the positive manipulation of the learning environment to promote successful behavior and skill acquisition. The student will learn how to engage in preventive discipline – proactive strategies and activities appropriate for managing the spectrum of behaviors to increase desirable behaviors and decrease undesirable behaviors.

ESE 410: Strategies for Students w/Disabilities in Inclusive Environments F, Sp, Su

This course is focused on general instructional strategies that are effective and research-based to address learning and behavioral needs of K-12 students with disabilities. Current topics in special education regarding legislation, implementation of individualized educational plans, data-based management, specialized approaches to teaching basic skills and adaptation of curriculum will be provided. The course will include reviewing and evaluating various materials through State resources and National technical centers for instructional and managerial practices to effectively evaluate student progress. Pre-teacher candidates will learn how to include diverse students for the K-12 general education classroom.

ESE 430 Introduction to Exceptional Child Education (3) F, Sp, S

Prerequisites: Completion of all 200 level EDU courses and approval of instructor. Exceptional Student Education majors only. An overview of effective teaching methods and procedures for exceptional children. It includes historical perspective, recent programming efforts for children with impairments in vision, hearing, language and speech, emotional problems and learning disabilities. It also covers children with limited intellectual capacity and gifted children.

EDU 433: Applications of Assessment with Data Interpretation and Utilization F, Sp, Su

This course provides exhaustive coverage of the applications of the principles of assessment in the K-12 classroom with diverse learners. This course further focuses on the importance of data interpretation and its utilization in the planning and implementation of appropriate behavioral and learning outcomes. In addition to being introduced to a wide variety of intelligence, perceptual-motor, academic, language, social/emotional, and adaptive behavior tests, each student will have the opportunity to become competent in the interpretation of data from a battery of assessment instruments. Issues related to assessment will also be addressed.

ESE 434 Characteristics of Individuals with Varying Exceptionalities (3) F, Sp

Prerequisite ESE 430. Exceptional Student Education majors only. The course integrated theory, research, and practice in the field of intellectual disabilities, specific learning disabilities, and emotional handicaps. The course emphasizes definitions and concepts, theories of learning, classification, prevalence, etiologies, behavioral characteristics, prevention and intervention strategies, multicultural issues, and classroom technology. Also, at-risk factors are associated with learning disabilities, emotional handicaps, and intellectual disabilities. The service delivery system will be reviewed, and current research and trends discussed.

ESE 435 Curriculum and Instruction for Mild to Moderate Individuals with Varying Exceptionalities (3) F, Sp

Prerequisites: ESE 430, ESE 434. Exceptional Student Education majors only. A comprehensive course covering curriculum, methods, and materials designed for mild to moderate levels of learning disabled, emotionally handicapped, and individuals with intellectual disabilities. Topics include preferred behavior management strategies and observation methods for problem behaviors used for teaching and managing students who display complex behavior problems and who need academic and pre- functional living skills. The course also covers strategic and tactical planning as well as curricula for academic, social, and prevocational skills development.

ESE 436 Curriculum and Instruction for Mild to Moderate Individuals with Varying Exceptionalities II (3) F, Sp

Prerequisites: ESE 430, ESE 434, ESE 435. Exceptional Student Education majors only. This course provides an exhaustive covering of curriculum, methods, and materials designed for mild to moderate levels of learning disabled, emotionally handicapped, and mentally handicapped individuals through the continuation of Curriculum and Instruction I. More in-depth coverage of diagnostic procedures, planning techniques, instructional methods, uses of technology, and the instructional needs of individuals from diverse linguistic and cultural backgrounds.

ESE 437- Curriculum and Instruction for Students with Mild to Moderate Disabilities F, Sp, Su

A comprehensive course covering curriculum, methods, and materials designed for students with mild to moderate disabilities. Topics include preferred behavior management strategies and observation methods for problem behaviors used for teaching and managing students who display complex behavior problems and who need academic and pre-functional living skills. The course also covers strategic and tactical planning as well as curricula for academic, social, and prevocational skills development.

ESE 447 Assessment of Exceptional Students (3) F, Sp

Prerequisites: ESE 430, ESE 435, or ESE 430 and ESE 444. Exceptional Student Education majors only. This course provides a comprehensive guide to the assessment of students with disabilities. An understanding of the assessment process and the concrete, practical skills necessary to assess exceptional students will be examined.

ESPORTS

ITE 125 The History, Culture and Business of Videogames (3) F, Sp, Su

Prerequisite: None. This course introduces the student to the esports ecosystem including the historical evolution of arcades to the multi- billion- dollar Esports industry. Students will learn about games, developers, events, leagues, facilities, and history. Students will receive a broad understanding of various areas of esports through lectures, quizzes, videos, and class projects.

ITE 200 The History of Videogame Music (3) F, Sp, Su

Prerequisite: ITE 125. This course is an academic study of the synthesis of music and video games through history. Students will engage in the viewing, listening, and discussion of musical elements, technological development, social trends, and representative styles as it relates to video game music. Upon completion, students should be equipped with new listening skills and a basic understanding of how and why music functions in and outside of video games.

ITE 250 Virtual Reality in Gaming (3) F, Sp, Su

Prerequisite: ITE 125. This course will focus on the virtual reality experience as it applies to interactive development, covering the history of VR approaches, practical applications, typical challenges, and current trends in gaming. This course specifically explores the use of VR headsets, as well as other newly developed input devices, for the purpose of creating engaging, immersive interactive experiences.

FINANCE

FIN 301 Principles of Finance (3) F, Sp, Su

Prerequisite: MAT 111. This course is designed to make students better decision-makers by focusing on contemporary finance problems facing today's manager. It examines how financial theories can be used in an environment characterized by market and institutional realities.

FIN 310 Principles of Banking (3)

This course provides an introduction to the structure, functions, and operations of the banking industry. Students will explore the role of banks in the economy, types of financial institutions, banking services, and the regulatory environment. Topics include deposit and lending functions, payment systems, risk management, monetary policy, and the role of the Federal Reserve. The course also examines modern banking trends, including digital banking and financial technology (fintech). By the end of the course, students will have a foundational understanding of banking principles and their application in financial markets and institutions.

FIN 323 Corporate Finance (3)

Prerequisite: Junior or Senior standing. This course provides an understanding of the theory and practice of making financial decisions for corporations including the environment in which decisions are made, the available choices and decision criteria, and valuation consequences of the choices. It also provides students skills in financial analysis, planning, and decision making.

FIN 333 Investments (3)

Prerequisite: Junior or Senior standing. This course provides an understanding of capital market securities, operations, valuation, and investment techniques. It covers definitions of various investment vehicles, operation of the NYSE and NASDAQ markets, portfolio theory, valuation of stocks and bonds, and investor capital allocation decisions.

FIN 350 Principles of Financial Planning (3)

Prerequisite: FIN 301. A study of the basic concepts in financial planning as it relates to income tax planning, educational planning, Investment planning, wealth accumulation planning and estate planning. Also, the legal and ethical environments of financial planners.

FIN 493 Portfolio Analysis & Management (3) Sp

Prerequisite: FIN 301. Integrates theoretical concepts with investment applications and stresses the economic rationale for various investments. Software support enriches the learning experience by simulating the real world of investments. Students create and manage portfolios, trade stocks, bonds, warrants, options, futures contracts, and foreign currency.

FIN 495 Futures & Options Markets (3) Sp

Prerequisite: FIN 301. This course focuses on understanding how to use the financial future and options, the related cash and debt markets to achieve various financial risk management goals. The underlying objectives are concepts, empirical evidence, and essential tools that facilitate the understanding of techniques and applications of hedging, pricing, and arbitrage.

FIN 496 Financial Statement Analysis (3) F

Prerequisite: FIN 301. This course provides a comprehensive analysis of financial statements using databases, published documents, and privately prepared reports. Software is utilized for planning models, forecasting models, and simulations.

FIN 497 International Money & Finance (3) F

Prerequisite: FIN 301. This course examines the following international concepts: the foreign exchange market, the balance of trade and payments, currency futures, options, and swaps, exchange rates and interest parity, international bond market, import and export financing, financial management of the multinational firm, and the international money market.

FMU 101 University 101 (2) F, Sp, Su

This course is designed to help new college students develop study habits, attitudes and knowledge which will lead to academic success. The course content includes Florida Memorial University's history and resources, student time management, study methods, memory techniques, career exploration, and cultural literacy.

FRENCH

FRE 201 Elementary French I (3) F, Sp, Su

Pre-Co-requisite: ENG 101. This course introduces the phonetic and spelling systems of the French language and emphasizes the four basic language skills (listening, speaking, reading, writing) and cultural aspects of the Francophone world. NOT open to native or near-native speakers of French.

FRE 202 Elementary French II (3) F, Sp

Prerequisite: FRE 201. This course continues the development of the four basic language skills and advances students in an understanding of the culture of the Francophone world. NOT open to native or near-native speakers of French.

FRE 301 Intermediate French I (3) F

Prerequisite: FRE 202 or equivalent. This course emphasizes practice in developing oral skill using readings, dialogues, and dramatic sources. It also emphasizes intermediate grammar skills and develops a fuller understanding of the structure of the French language. Aspects of French culture discussed. NOT open to native speakers.

FRE 302 Intermediate French II (3) Sp

Prerequisite: FRE 301 or equivalent. This course emphasizes practice in developing writing skills, focusing on descriptive, narrative, expository and persuasive essay models from newspapers, magazines and literary sources. It also provides practice in grammar skills.

FRE 303 Survey of French Culture and Civilization I (3) F, Sp

Prerequisite: FRE 302 or equivalent. This course explores the most important aspects of the culture and civilization of the Francophone world. It includes geography, history, societal, and economic trends, and the folklore of the peoples involved.

FRE 304 Survey of French Culture and Civilization II (3) F, Sp

Prerequisite: FRE 302 or equivalent. This course explores the most important aspects of the culture and civilization of the Francophone world, focusing on contemporary issues.

FRE 305 Survey of French Literature I (3) F

Prerequisite: FRE 302 or equivalent. This course surveys the literature of France from its earliest manifestation through the 17th century.

FRE 306 Survey of French Literature II (3) F

Prerequisite: FRE 302 or equivalent. Continuation of the survey of the literature of France from 18th century to the contemporary period. Literary tendencies in other French speaking regions will be included.

FRE 307 Advanced French Grammar and Composition (3) F

Prerequisite: FRE 302 or equivalent. A detailed study of traditional grammar and composition, designed primarily for French minors and future teachers. Particular attention will be paid to correct usage in written communication.

FRE 308 Advanced French Composition (3) F

Prerequisite: FRE 307. A detailed study of the theory and practice of written communication, including a review of syntax and emphasizing rhetoric and style.

FRE 309 Business French (3) F, Sp

Prerequisite: FRE 302 or equivalent. Concentrated practice in the vocabulary and style of business correspondence and documents used in the present-day Francophone world. This course is designed to improve skills in French for native speakers and others desiring to improve professional communication skills in the world of commerce.

FRE 312 French for Native Speakers I (3) F, Sp

This course is intended for native speakers who have had less than two (2) years or no course work in French in high school. It covers spelling, syntax and grammar, focusing on problems faced by native speakers as well as readings and practice in writing compositions in French.

FRE 313 French for Native Speakers II (3) F, Sp

Prerequisite: FRE 312. Concentrated practice in developing writing skills, focusing on descriptive, narrative, expository and persuasive essay models from newspapers, magazines and literary sources with special attention to problems faced by native speakers.

FRE 319 Advanced French Reading and Conversation (3) F, Sp

Concentrated practice in speaking skills at the advanced level. The course requires intensive reading and conversation and oral presentations in the French language. Designed primarily for future teachers. Open to native speakers or others with near native fluency.

FRE 370 French Study Abroad (3-6) Su

This course offers a total immersion in the French language and culture through basic reading, writing and conversation. It focuses on fundamental grammar and on the culture and folklore of the host country. School/Department approval required.

FRE 371 Intermediate French Study Abroad (3-6) Su

Prerequisite: FRE 202. This course offers total immersion in the target language through intermediate reading and conversation. It includes intermediate writing and grammar. Class discussions will focus on contemporary French cultural issues and the folklore of the host country. School/Department approval required.

FRE 444 19th Century French Literature (3) F

A study of the literary trends of the century—Romanticism, Realism and Naturalism and representative works.

FRE 445 20th Century French Literature (3) Sp

A study of the literary trends of the century—surrealism, existentialism, theater of the absurd—and representative works.

FRE 448 African and Caribbean French Literature (3) F

A study of the Negritude literary movement, focusing on its origin, development and influence in contemporary African and Caribbean French speaking regions, including Haiti and others.

FMU**FMU 101 First-Year Experience**

FMU 101 is a first-year experience course designed to support students' transition to Florida Memorial University and their development as intentional, engaged learners. The course integrates academic skill development, advising engagement, institutional history, and career exploration. Through a semester-long portfolio and culminating presentation, students reflect on their growth, clarify their academic and career goals, and develop strategies for continued success. The course emphasizes belonging, academic planning, pride, and personal responsibility within the FMU community.

GEOGRAPHY

GEO 302 Cultural Geography (3) F, Su

A study of humans' activities in the light of the interaction and interdependence of the physical and cultural environments. The emphasis will be placed on the relationship between persons and the environment through time and on the distribution of population settlement and resource utilization processes which have transformed natural landscapes into cultural landscapes. Permission of instructor required.

GEO 303 World Regional Geography (3) Sp, Su

The geography of the world's major cultural regions. Emphasis on geographic aspects of contemporary economic, social, and political conditions. Permission of the instructor required.

GEO 304/ENV 304 Population Studies (3) Sp

A study of demographic patterns, fertility, birth rates, death rates, and a comparison of population growth problems, and issues.

HAITIAN CREOLE

HAI 201 Haitian Creole I (3) F, Sp, Su Prerequisite: Successful completion of ENG 101. This course and its sequel, HAI 201, constitutes the basic sequence in Haitian Creole. Emphasis is on the development of competence in the language.

HAI 202 Haitian Creole II (3) F, Sp, Su Prerequisite: Successful completion of HAI 201. This course completes the sequence in the Haitian language core requirement. It prepares students for advanced course work in Haitian Creole if desired.

HEALTHCARE

HCS 200 Introduction to Healthcare (3) F, Sp

The course is designed to introduce students to the field of healthcare and to give them a better understanding of today's healthcare industry. Emphasis will be placed on health delivery systems, multicultural diversity, legal, ethical, and regulatory frameworks effecting the healthcare industry. Additionally, an overview of disease, infection control, wellness, technology, nutrition, healthcare pathways and employability skills will be of major focus.

HCS 210 Ethics in Healthcare (3) Sp

This course presents an overview of ethical issues facing healthcare professionals. It provides students with the foundations of ethics and exposes them to probable ethical situations and conflicts in the health care field. Students will be taught how to navigate different scenarios using their working knowledge of ethical procedures and constraints.

HCS 300 Medical Terminology (3) F, Sp

This course is designed for health care pre-professionals. This course is an introduction to medical terminology focusing on basic elements of root words, rules of word building, analyzing medical words, definitions, and pronunciation. It will explore the components of scientific words such as prefixes, suffixes, root words, abbreviations and symbols related to medical field.

HCS 301 Legal Aspects of Healthcare (3) F, Sp

The course provides an overview of the legal foundations of healthcare in the U.S. by examining the impact of regulation and law on the healthcare system. Furthermore, the course will address how medical malpractice, risk management and ethical and legal issues influence the delivery of healthcare and medicine. The management and use of medical records, intellectual property, institutional liability, medical decision making, and patient rights will also be discussed in order to teach students how to recognize potential litigious issues.

HCS 310 Minority Healthcare (3) F, Sp

This course is designed for health care pre-professionals. It examines the differences across groups in health, illness, and health care access focusing on minority health disparity and evaluates the role of community education and communication in defining health problems and creating intervention solutions.

HCS 401 Advanced Statistics in Healthcare (3) F, Sp, Su

Prerequisite: PSY 312. Further study of quantitative methods including correlation, chi-square, contingency and analysis of variance. This course is designed for students who have completed a basic/introductory statistics course and desire a greater understanding of data analysis, and statistics commonly used in the field of healthcare. Emphasis will be placed on practical application of statistical theories, quantitative techniques, use of statistical software, and the interpretation of findings and production of statistical charts and tables.

HCS 410 Healthcare Systems (3) F, Sp

Prerequisite: HCS200. The course examines the basic organizational structures, operations, and complexities of major healthcare systems in the U.S. to help students identify the role(s) of the patient/consumer, health provider, healthcare facility, manager, and health analyst. Moreover, students will get an overview of the characteristics of the various healthcare delivery systems, payment mechanisms, accreditation, licensure, and regulatory framework. The functions of healthcare providers, healthcare facilities, health staff organizations and health information systems will also be explored.

HCS 419 Field Placement I - Practicum I (3) F, Sp, Su

Learning through authorized, supervised work experience in the student's area of study. Student placement at appropriate, area- related work sites are conducted by field placement director, one semester before placement. Regular seminars are held to discuss agency experiences, professionalism and to provide feedback. During the field placement experience, the student will gain real- life experience, skills, and knowledge in their perspective area of interest to further promote or transition him/her into their career choices.

HISTORY**HIS 101 World Civilization I (3) F, Sp, Su**

This is an intensive reading and writing course. This survey course provides a balanced perspective on the birth of civilization and the development of early human cultures. It includes a prehistoric vision of the world beginning with great river valleys and extending to the age of reason and the scientific revolution.

HIS 102 World Civilization II (3) F, Sp, Su

This is an intensive reading and writing course. This course provides a chronological survey of persons and their institutions from the age of reason and science to the present. Emphasis is placed on understanding the development of political, social, economic, philosophical, and religious ideas of various cultures.

HIS 103 African American History I (3) F, Sp, Su

This is an intensive reading course. The course promotes the awareness and exploration of relevant books and materials concerning the lives, struggles, achievements, and contributions of African Americans. An opportunity is provided for students to view the past and investigate the present.

HIS 104 African American History II (3) F, Sp, Su

This is an intensive reading course. This course is a continuation of African American History I and allows for the study of relevant books and materials concerning the African American experience through the Post-Reconstruction era, the age of Accommodation, Harlem Renaissance, the Civil Rights era, and beyond.

HIS 200 History of the American People (U.S. History to 1865) (3) F, Sp, Su

This is an intensive reading and writing course. A survey of the main events of the history of the United States of America from the Age of Discovery to the present.

HIS 300 Historical Thought and Writing (3) F, Sp

A seminar designed to introduce students to historical perspectives and to the process of writing history. Practice in critical analysis, research methodology, documentation, bibliographic forms and composition, culminating in a major research paper.

HIS 321 U.S. History to 1865 (3) F

Prerequisite: HIS 200. An intensive survey of the main events in the discovery and settlement, independence, and growth of the United States to the end of the Civil War.

HIS 324 U.S. History Since 1865 (3) Sp

Prerequisite: HIS 200. A survey of the history of the United States from 1865 to the present, with emphasis on the interaction of political, social, and economic developments in the light of the nation's heritage and its contributions to the world community.

HIS 335 Africa in the Modern World (3) F

This course provides students with the historical background needed to understand Africa. Focuses on major political, social, economic, and cultural developments from the rise of the transatlantic slave trade to the present.

HIS 350 History of the Caribbean (3) Sp

Development of the major islands of Cuba, Hispanola, Jamaica, and Puerto Rico from colonial times to the present. Emphasizes evolution of plantation societies, slavery and race relations, international rivalries, economic dependence, and political independence. Offered in alternate years.

HIS 380 Early American History (3)

Prerequisites: HIS 103, 104 and HIS 200. The Survey course begins by comparing and contrasting of the tumultuous convergence that occurred when three distinct and sovereign cultures-Native Americans, Europeans and West Central Africans-met in North America within the two centuries prior to the American Revolution.

HIS 390 Civil War and Reconstruction 1860-1877 (3)

Prerequisites: HIS 103, 104 and HIS 200. The survey course aims to combine Dubois's interpretive framework of the period with the findings and concerns of recent scholarship to provide a comprehensive and current explanation of the Civil War and Reconstruction, (1860-1887).

HIS 400 History of the Non-Western World (3) Sp

Prerequisites: HIS 101 and 102. Survey of the history of three major areas of the non-western world: the Middle East and India, the Far East and Africa. Emphasis will be placed upon historical, political, economic, and social conditions.

HIS 405 Women in U.S. History (3) F

Beginning with European and African backgrounds, the course will trace the experience of women in the United States from the Colonial to the present periods. Emphasis will be given to historical and contemporary issues in the women's movements and to the efforts of women as workers, professionals, volunteers, and political activists in the shaping of our national history.

HIS 410 History of Florida and the South (3)Sp

A survey course of the political, economic, social, and cultural development of Florida and the South, with special emphasis on the nineteenth and twentieth centuries.

HIS 420 Independent Study (3) F, Sp, Su

Guided readings or activities in the social sciences. Open to students majoring in the social sciences. Permission of instructor required.

HIS 430 Selected Topics in History (3) Su

Topics will vary from year to year. Seminars may be held on American, African, European, or Asian History. This course involves an intensive study of some phase of history. Emphasis will be placed on historical methods, research techniques, and the teaching of history. Open to juniors and seniors by permission of instructor.

HONORS

ENG 104H & ENG 105H College Writing Honors (3) F, Sp

The course sequence ENG 104 and ENG 105 provides students with both a reading and writing intensive format. Students respond to works of authors of world literature as well as philosophy through writing assignments, group discussions, and oral presentations. The goal of all writing assignments is the production of a scholarly term paper with appropriate documentation at the end of each respective semester.

CSC 202H Technology (3) F, Sp

An in-depth exposure to the use of information technology in academia, business, and society. Special emphasis is placed on technology applications using microcomputers, spreadsheets, database and word processing software, and use of the Internet.

HIS 201H, 202H, African American History I, II (Honors) (3) F, Sp

This two-semester course sequence scans the varied landscape of African, Caribbean and African American history and the multifaceted experiences of people of the African Diaspora. Employing a pedagogy based on lectures which make connections between the present and past experiences of African people.

MAT 103H, 104H, Honors Mathematics I, II, (3) F, Sp

These two honors courses offered in sequence cover mathematical systems, modular arithmetic, structure algebra, basic algebraic operations, determinants, set theory, and logic.

RSC 303H Research Methods (3) F, Sp

This course prepares students to use the scientific method to plan for and conduct scholarly research. Exposure will be given in designing a research study by formulating a problem statement, objectives, and hypotheses, as well as data collection, statistical analysis, and presentation.

RSC 403H Honors Thesis (3) F, Sp, Su

A culmination of the student's scholarly research activities. The thesis will be prepared by the student in conjunction with a faculty advisor. The thesis will be a scholarly document and presented for final approval to a faculty committee.

SCI 104H, 105H Insight I, II (3) F, Sp

This two-course sequence provides an overview of astronomy, physics, chemistry, and earth science. Using energy as its central theme, the courses cover the production and utilization of energy in plants and animals, energy consumption, and energy flows.

SEM 101H, 102H Honors Seminar I, II (2) F, Sp

This two-semester course affords the students the opportunity to study in depth topics of particular importance to society. The topics include global issues, use of information technology, and ethical questions. Written exercises and individual and group presentations are integral components of the Honors Seminars.

HUMAN RESOURCE MANAGEMENT

HRM 350 Human Resource Management (3) F, Sp, Su

Prerequisite: BUS 211. Introduction to the management of effectively utilizing human resources in organizations. Emphasis is on employment law, recruitment, selection, training, performance appraisal, compensation, and labor relations.

HRM 360 The Legal Environment of Human Resource Management (3)

Prerequisite: HRM 350. The law as it pertains to the process of Human Resource Management, with special emphasis on equal employment opportunity law.

HRM 380 Compensation Management F, Sp

Prerequisite: Junior or Senior standing, BUS 380. The principles of compensation management, job analysis and evaluation, establishment and administration of pay systems, employee benefits, and executive compensation.

HRM 410 Labor Relations

Prerequisite: Junior or Senior standing, BUS 350, HR 370. The role of management and unions in our society, labor-management problems and their resolution, the collective bargaining process, the legal framework of labor- management relations, administration of the labor contract.

HRM 420 Staffing and Development

Prerequisite: Junior or Senior standing, BUS 350, HR 370. The role of human resource professionals at every stage of the employment process from hiring to posting, staffing policies, internal and external recruitment, HR development strategies and training programs development.

HRM 430 Creating Productive Relationships

Prerequisite: Junior or Senior standing, BUS 350. A practical and theoretical course dealing with behavior. Emphasis will be placed on identifying and classifying behavior in order to understand behavior and to develop strategies for effectively managing interpersonal relationships. Exercises and role playing illustrate major points.

HUMANITIES

HUM102 Thinking Critically about the Arts and Humanities (2) Sp

This course will provide an introduction to Humanities disciplines and guidance in navigating the major fields of study, including graduate and professional school information. Emphasis is placed on critical thinking, written and oral communication skills using reflective writing and other discursive tools. In this course, first year students develop academic and social skills that lead them to success in English, Philosophy and Religion, Foreign Language, Communications, and Music.

MARKETING

MAR 301 Principles of Marketing (3) F, Sp, Su

Prerequisites: MAT 111, ENG 102. An introduction to the field of marketing and its related concepts. The course focuses on how to facilitate mutually satisfying exchanges in both the business to consumer market and the business-to-business market.

MAR 361 Retail Marketing (3) F

Prerequisite: MAR 301. An examination of the role of retailing in marketing. Attention is focused on fundamentals for successful retail management. This course emphasizes basic marketing principles, procedures, and the selling environment. Major attention is paid to aligning the marketing mix in response to unfulfilled customer needs.

MAR 362 Personal Selling (3) F

Prerequisite: MAR 301. Learning to develop and apply essential professional selling skills to effectively market yourself and the organization you represent. Basic concepts, processes, and techniques for selling, including customer analysis, prospecting, developing rapport, handling objections, customer service, and other related areas.

MAR 395 Consumer Behavior (3) F, Sp

Prerequisite: MAR 301, PSY 200 or SOC 200. A description and conceptual analysis of consumer buyer behavior. The focus is on the theory and research essential to the understanding of individual choice behavior.

MAR 460 Advertising (3) Sp

Prerequisite: MAR 301. A study and analysis of successful advertising principles. This enables students to appraise advertising effectiveness as a marketing tool and assess its social and economic significance.

MAR 461 Marketing Channels (3) Sp

Prerequisites: MAR 301, MAR 395. This course focuses upon institutions, functions and decision-making in marketing channels. Wholesaling and distribution systems in retailing are emphasized. The causes and resolution of channel power and conflict are also addressed.

MAR 462 International Marketing (3) Sp

Prerequisite: MAR 301. A global approach to the study of comparative marketing systems, including economic, social, technological, governmental, and political environments as they affect international marketing operations.

MAR 463 Survey of E-Commerce (3) Sp

Prerequisite: MAR 301. This course is designed to provide an overview of a new paradigm for business transactions. Focuses on electronic interactions and exchanges amongst businesses, between businesses and consumers, and the infrastructure providers as they converge for the purchase and sale of goods, services, ideas, and information over the Internet.

MAR 487 Seminar in Marketing (3) Sp

Prerequisites: Junior standing and approval of the Chairperson. This course examines consideration of current issues in marketing. Readings required from current marketing publications and other related periodicals.

MAR 490 Service Marketing (3) F

Prerequisites: MAR 301, MAR395. This course examines product support services, the nature and characteristics of service, and the building of customer satisfaction through the facilitating of mutually satisfying exchange. Special attention will be given to survey instruments such as the relevant dimensions of service quality.

MAR 491 Supply Chain Management (3)

This course will provide the student with the basic theories and concepts related to effective and efficient supply chain management. Students will learn the basic tools necessary for efficient supply chain design which includes supply chain metrics, production/order planning and inventory control, sourcing, order fulfillment,

and demand forecasting. Other topics covered include global supply management, logistics, outsourcing, suppliers, relationships and customer relationship management.

MAR 495 Marketing Research (3) F, Sp

Prerequisites: BUS 321, MAR 301. A study of fundamental techniques of market research. Students define marketing problems, develop methodology, gather and process secondary and primary sources of information. The results are formally communicated.

MATHEMATICS

MAT 106 - Mathematics for the Liberal Arts I (3) F, Sp, Su

This course is an in-depth study of the real number system and its subsystems. It includes geometric view, representations, rational approximation or irrational numbers, laws of exponents and radicals, field properties of arithmetic operations: polynomials, rational expressions: complex number: algebraic equations, inequalities, intervals, algebraic inequalities; the Cartesian plane, distance and midpoint formulae: functions: representation of functions, notation, domain and range, evaluation of functions.

MAT 106L - Mathematics for the Liberal Arts I (1) F, Sp, Su

This is a laboratory requirement for MAT 106 - Mathematics for the Liberal Arts I.

MAT 107 - Mathematics for the Liberal Arts II (3) F, Sp, Su

This course focuses on developing mathematical maturity through problem solving, critical thinking, data analysis, and the writing & communication of mathematics. Topics include concepts of probability and statistics, sets and logic, elementary number theory, graph theory and the mathematics of finance, with an emphasis on problem solving and critical thinking. Prerequisite: MAT 106 minimum grade = C

MAT 110 Intermediate Algebra (3) F, Sp, Su

Prerequisite: Successful completion of DSM 099 with a grade of "C" or better or the required minimum score on the placement test. This course covers topics such as factoring; operations with rational expressions, absolute value; exponents, radicals and roots; complex numbers; linear and quadratic equations and linear inequalities; graphs; and systems of equations, all with applications throughout the course.

MAT 111 College Algebra (3) F,

Sp, Su Prerequisite: Placement test result or successful completion of MAT 110 with a grade of "C" or better. This course is an in-depth study of algebraic concepts, such as solving, graphing and applying linear and quadratic equations and inequalities; linear, quadratic, rational, absolute value, exponential and logarithmic functions; the Cartesian plane, distance, midpoint and the circle; representation of functions, domain, range, and evaluation of functions; and systems of equations and inequalities, all with applications throughout the course.

MAT 112 Pre-Calculus (3) F, Sp, Su

Prerequisite: Completion of MAT 111 with a grade of "C" or better or permission of instructor. This course is an in-depth study of the concept of functions and their representations: polynomial, piecewise-defined, absolute value, rational, radical functions; sum difference, product, quotient, and composition of functions; systems of (2x2) linear equations

MAT 113 College Trigonometry (3) F, Sp, Su

Prerequisite: Completion of MAT 111 with a grade of “C” or better. This course is an in-depth study of properties of trigonometric functions and their graphs, inverse trigonometric functions, and polar coordinates.

MAT 114 Finite Mathematics (Formerly MAT 102 /105) (3) F, Sp, Su

Prerequisite: Successful completion of MAT 111 with a grade of “C” or better. This course covers the basic aspects of sets, number sense, bases other than ten, symbolic logic, statistics, probability, and plane geometry. This course provides a thorough treatment of the mathematics appropriate for future educators.

MAT 200 Applied Calculus (3)

Prerequisite: MAT 112 with grade of “C” or better. The applications of calculus using computer algebra systems. A brief review of functions and plane analytic geometry; intuitive and geometric definitions of limit, continuity and derivatives; derivatives of elementary functions; applications of derivatives including optimization problems taken from various disciplines; indefinite integral, Riemann sums and definite integral; elementary techniques of integration; and applications of integration in various disciplines.

MAT 201 Calculus I (3)

Prerequisite: MAT 113 with grade of “C” or better, or permission of instructor. A brief review of functions and plane analytic geometry; intuitive and geometric definitions of limit, continuity and derivative; differentiation of elementary functions; and applications of derivatives, including sketching graphs of functions, and optimization problems.

MAT 202 Calculus II (3)

Prerequisite: MAT 201 with grade of “C” or better. Indefinite integral, Riemann sums and definite integral, elementary integration techniques, and applications of integration.

MAT 205 Introduction to Probability and Statistics (3) F, Sp, Su

Prerequisite: MAT 112 with grade of “C” or better. Probability concepts, discrete and continuous distributions, random variables, expectation and variance, frequency distribution, statistical inferences and sampling, hypotheses testing for the mean and variance of a population.

MAT 210 Discrete Mathematics I (3)

Prerequisite: MAT 112 with grade of “C” or better. Propositional and predicate logic, set theory, axiomatic construction of mathematical structures, mapping, cardinal numbers, and principles of mathematical induction.

MAT 211 Discrete Mathematics II (3)

Prerequisite: MAT 210 with grade of “C” or better. Boolean Algebra, combinatorics, elementary graphs theory, trees, recurrence relations, and elementary dynamical systems.

MAT 301 Calculus III (3)

Prerequisite: MAT 202 with grade of “C” or better. Inverse functions, integration techniques, L’Hospital’s rule and indeterminate forms, improper integration differentiation and integration of functions in polar and parametric forms, and infinite sequences and series.

MAT 302 Multivariable Calculus (3)

Prerequisite: MAT 202 with grade of “C” or better. A short review of calculus of one variable; three-dimensional coordinate systems; scalar valued functions of several variables and their graphs; equations of curves, surfaces, and solids; limits; continuity; partial derivatives of several variables; applications of derivatives; multiple integration of scalar valued functions.

MAT 303 History of Mathematics (3)

Prerequisite: MAT 202 with grade of “C” or better. Origins of arithmetic and geometric concepts in early cultures, the development of mathematics in African, Chinese, Hindu, Arabic, and other cultures, mathematics in the 17th and 18th centuries, mathematics in the 19th and 20th centuries.

MAT 305 College Geometry (3)

Prerequisite: MAT 202 with a grade of “C” or better or permission of instructor. Properties of points, lines, planes; study of geometric figures: rays, line segments, curves, polygons: properties of parallel lines; properties of triangles and polygons; the Pythagorean theorem, congruency and similarity of triangles; measurements of angles, area, and volume; transformation geometry; non-Euclidean geometry.

MAT 307 Number Theory (3)

Prerequisite: MAT 112 with grade of “C” or better. Properties of numbers, divisibility, Euclidean Algorithm, congruence and residue classes, Diophantine equations, and quadratic residues.

MAT 309 Introduction to Modern Algebra (3)

Prerequisite: MAT 211. Algebraic systems, equivalence classes, groups, rings, and fields.

MAT 350 Linear Algebra I (3)

Prerequisite: MAT 112 with grade of “C” or better. Matrices and their operations, systems of equations and matrices, determinants; properties of $\mathbb{R}^n$: linear combinations, linear dependence and independence, basis, dimension, subspaces, matrices as linear transformations, inner product, eigenvalues, and eigenvectors.

MAT 351 Linear Algebra II (3)

Prerequisite: MAT 350, MAT 201 with grade of “C” or better. Abstract vector spaces, linear transformations, positive definite matrices, canonical forms of matrices, applications in difference and differential equations.

MAT 402 Advanced Calculus (3)

Prerequisite: MAT 302 with a grade of “C” or better. A rigorous treatment of the real and complex number systems, elements of set theory; limits, continuity, differentiability, and integration, numerical sequences and series; sequences and series of functions; power series; functions of several variables.

MAT 403 Real Analysis (3)

Prerequisite: MAT 301 with a grade of “C” or better. Sets and functions; sequences of real numbers; series of real numbers; metric spaces; limits of a function on metric spaces; continuous functions on metric spaces; connectedness, completeness and compactness; elementary functions and Taylor series; sequences and series of functions.

MAT 404 Topology (3)

Prerequisite: MAT 403 with grade of “C” or better. Sets and functions; metric spaces; topological spaces; matrix, product and quotient spaces; compactness and connectedness; function spaces.

MAT 405 Vector Calculus (3)

Prerequisite: MAT 302 with grade of “C” or better. The geometry of Euclidean space; vector-valued functions; limits, continuity and partial derivatives of vector-valued functions; integration; line and surface integral.

MAT 406 Complex Variables (3)

Prerequisite: MAT 302 with grade of “C” or better. Complex numbers and their algebraic properties; elementary functions of complex variables; mapping; limit, continuity, differentiability, and integral of functions of complex variables; sequences and series of complex numbers; transformations.

MAT 409 Dynamical Systems (3)

Prerequisite: MAT 201 and MAT 350 with grade of “C” or better. Continuous dynamical systems: functions, iteration using technology, orbits, fixed and periodic points, logistic function, graphical analysis, stability, analysis of quadratic functions, chaotic quadratic functions; introduction to discrete dynamical modeling, deriving discrete dynamical systems, equilibrium points, cobwebs, deriving difference equations, linear dynamical systems and applications to finance, social sciences, and Markov chains; nonlinear discrete dynamical systems and model of population growth and harvesting strategies, Newton’s method, stability, bifurcation, and chaos.

MAT 410 Ordinary Differential Equations (3)

Prerequisite: MAT 301 with grade of “C” or better. First order linear and nonlinear equations, numerical methods, second and higher order linear equations, series solutions, systems of linear and nonlinear equations, phase plane, stability; applications.

MAT 411 Numerical Analysis I (3)

Prerequisite: MAT 410 with a grade of “C” or better. The real number system, error analysis, solutions of nonlinear equations, interpolation and approximation, and numerical differentiation and integration.

MAT 412 Numerical Analysis II (3)

Prerequisite: MAT 411 with a grade of “C” or better. Matrices and systems of linear equations, solutions of difference and differential equations, and boundary-value problems.

MAT 414 Probability Theory (3)

Prerequisite: MAT 205, MAT 202 with grades of “C” or better. Finite probability spaces, random variables and combinations of events; dependence and independence, elementary limit theorems, infinite probability spaces, probability density and distribution functions, expectations, moment generating functions, and Central Limit Theorem.

MAT 420 Directed Reading I (3)

Prerequisite: Permission of Instructor. An introduction to the techniques of scientific investigation. Students, with the help of the instructor, choose a problem in mathematics and design a procedure for investigation. The problem may not be original; the purpose is to help students broaden and integrate their background in mathematics. Students write reports on their investigation with well-documented supporting evidence and present them to the instructor. Then they defend their investigation orally before colleagues, faculty, and visitors during the final week of the semester.

MAT 421 Directed Reading II (3)

Open to students who have successfully completed or want to continue with their investigation of the problem that they have chosen in MAT 420.

MAT 450 Senior Project in Mathematics (3)

Prerequisite: Senior standing. This course is an introduction to the technique of scientific investigation. Senior students, with the help of a mathematics faculty, choose problems in mathematics and design procedures for investigation, investigate, author well-documented reports, and present them orally before colleagues and faculty. The problem may not be original; the purpose is to expose students to scientific investigation techniques.

MUSIC

MUS 100 Music Fundamentals (3)

Introduction and review of music fundamentals such as the great staff, musical clefs, major and minor scales, key signatures, intervals, and principles of rhythmic notation. Advanced students may test out.

MUS 101 Structures of Music I (3)

Prerequisite: MUS 100 or permission of instructor. This course is a continuation of MUS 100 and includes popular music chord symbols, traditional chord symbols (I, IV, V, V7), analysis and arrangement of familiar melodies for solo and accompaniment. Advanced students may test out and receive credit.

MUS 102 Structures of Music II (3)

Prerequisite: MUS 101 or permission of instructor. This course is a continuation of MUS 101 and emphasis is placed on harmonization of diatonic modes, open and closed harmony, chord inversions, non-chord tones, and diatonic 7th chords. The course also involves composing and arranging melodic, harmonic, and rhythmic patterns as related to blues, gospel, jazz, etc.

MUS 103 Class Piano I (1)

This course is designed as an introduction to playing the keyboard and fundamental keyboard techniques and is required for all majors except keyboard majors and students able to pass the keyboard proficiency test.

MUS 104 Class Piano II (1)

This course is a continuation of MUS 103 and is required for all majors except keyboard majors and students able to pass the keyboard proficiency test.

MUS 111 Sightsinging/Eartraining I (2)

The course is designed to improve the reading skills and pitch identification of the student.

MUS 112 Sightsinging/Eartraining II (2)

Prerequisite: MUS 111 or permission of instructor. The course is a continuation of MUS 111 and is designed to improve the reading skills and pitch identification of the student.

MUS 113 Applied Music (1)

This course provides one credit hour of instruction in a major or minor instrument and is open to music and non-music majors. May be repeated for credit.

MUS 131 Applied Voice (2)

This is the level one foundation course for the formal study of voice.

MUS 132 Applied Voice II (2)

This is the level two foundation course for the formal study of voice and is a continuation of MUS 131.

MUS 133 Applied Keyboard (2)

This is the level one foundation course for the formal study of keyboards..

MUS 135 Applied Brasswind (2)

This is the level one foundation course for the formal study of brass wind instruments.

MUS 136 Applied Brass wind II (2)

This is the level two foundation course for the formal study of brass wind instruments and is a continuation of MUS 135.

MUS 137 Applied Keyboard II (2)

This is the level two foundation course for the formal study of keyboards and is a continuation of MUS 133.

MUS 141 Concert Chorale (1)

This course is designed primarily for students preparing to become choir directors and for non-majors with choral music experience. A cross-section of music representative of different eras and styles will be performed. Students will be introduced to wellness principles as an integral part of musicianship and acquire knowledge on the prevention of performance injuries.

MUS 142 Concert Chorale II (1)

This course is a continuation of MUS 141.

MUS 145 Applied Woodwind (2)

This is the level one foundation course for the formal study of woodwind instruments.

MUS 146 Applied Woodwind II (2)

This is the level two foundation course for the formal study of woodwind instruments and is a continuation of MUS 145.

MUS 155 Applied Strings (2)

This is the level one foundation course for the formal study of string instruments.

MUS 156 Applied Strings II (2)

This is the level two foundation course for the formal study of string instruments and is a continuation of MUS 155.

MUS 161 Concert Band (1)

This course is designed primarily for students preparing to become band/ orchestra directors and for non-majors with instrumental music experience. A cross-section of music representative of different eras and styles will be performed. Students will be introduced to wellness principles as an integral part of musicianship and acquire knowledge on the prevention of performance injuries.

MUS 162 Concert Band (1)

This course is a continuation of MUS 161.

MUS 165 Applied Percussion I (2)

This is the level one foundation course for the formal study of percussion instruments.

MUS 166 Applied Percussion II (2)

This is the level two foundation course for the formal study of percussion instruments and is a continuation of MUS 165.

MUS 168 Applied Steel I (2)

This is the level one foundation course for the formal study of steel pan instruments.

MUS 169 Applied Steel II (2)

This is the level two foundation course for the formal study of steel pan instruments and is a continuation of MUS 168.

MUS 171 Jazz Band (1)

This course is designed primarily for students preparing to become jazz band directors and for non-majors with jazz music experience. Emphasis is placed on sight-reading, performance and leadership skills. A cross-section of music representative of different eras and styles will be performed. Students will be introduced to wellness principles as an integral part of musicianship and acquire knowledge on the prevention of performance injuries.

MUS 173 Jazz Band (1)

This course is a continuation of MUS 171.

MUS 180 Chamber Ensemble (1) This course is designed primarily for students interested in vocal music for the stage. An audition is required. A cross-section of music representative of different eras and styles will be performed. Students will be introduced to wellness principles as an integral part of musicianship and acquire knowledge on the prevention of performance injuries

MUS 181 Chamber Ensemble Pop (1)

This course is designed primarily for students interested in vocal music for the stage. An audition is required. A cross-section of music representative of different eras and styles will be performed. Students will be introduced to wellness principles as an integral part of musicianship and acquire knowledge on the prevention of performance injuries.

MUS 182 Chamber Ensemble POP II (1)

This course is a continuation of MUS 181.

MUS 185 Chamber Ensemble Steel (1)

This course is designed primarily for students with experience or learning how to play the steel pan. A cross-section of music representative of different eras and styles will be performed. Students will be introduced to wellness principles as an integral part of musicianship and acquire knowledge on the prevention of performance injuries.

MUS 186 Chamber Ensemble Steel II (1)

This course is a continuation of MUS 185.

MUS 196 Music Production Workshop I (1)

The course is a practicum exploration of the fundamentals of creating and staging musical theater/revues to include script/lyric writing, singing/ instrumental development, movement/choreography, and management/ promotion. Students will be introduced to wellness principles as an integral part of musicianship and acquire knowledge on the prevention of performance injuries.

MUS 197 Music Production Workshop II (1)

This course is a continuation of MUS 196.

MUS 200 Music Appreciation (3)

This course is an exposition of the philosophy, principals, and materials of music from the Baroque Period to contemporary period with illustrative examples from the Baroque Period, Classical Period, Romantic Period, Contemporary Classical Music and Popular Music. The course is designed to give the student an appreciation of music by exposing them to many musical styles, composers, historical trends, as well as increasing their aural, verbal and writing skills in describing music.

MUS 201 Structures of Music III (3)

Prerequisite: MUS 102 or permission of instructor. This course is a continuation of MUS 102 and emphasis is placed upon analyzing melodic, harmonic, and rhythmic patterns from eighteenth century, nineteenth century, and early twentieth century compositions. The course also involves composing and arranging melodic, harmonic, and rhythmic patterns as related to blues, gospel, jazz, etc.

MUS 203 Structures of Music IV (Form and Analysis) (3)

Prerequisite: MUS 201 or permission of instructor. This course prepares the student to be able to analyze the basic forms of composition using accepted practices from traditional and contemporary approaches. The student will be able to analyze and identify the following forms by the end of the course: phrase structure, binary form, ternary form, theme and variation, sonata form, rondo form, the concerto, the symphony, fugue form, blues forms and other jazz forms. The course involves listening and score study techniques.

MUS 204 Class Piano III (1)

This course is a continuation of MUS 104.

MUS 205 Class Piano IV (1)

This course is a continuation of MUS 204.

MUS 207 Jazz Improvisation I (3)

Prerequisite: MUS 102 or permission of instructor. Emphasis is placed upon the embellishment of improvised solos on chords, melodies, and rhythm. Chord progressions and related scales, patterns, clichés as they relate to creative improvisation will be explored, as well as the various stylistic approaches of jazz improvisation.

MUS 208 Jazz Improvisation II (3)

Prerequisite: MUS 201 or permission of instructor. Emphasis is placed upon the embellishment of improvised solos on chords, melodies, and rhythm. Chord progressions and related scales, patterns, clichés as they relate to creative improvisation will be explored, as well as the various stylistic approaches of jazz improvisation.

MUS 209 History of Music I - Western Music (3)

This course is a survey of music of the European Diaspora and its influences from antiquity to the present. Emphasis is placed on societal, cultural, and political influences on musicians, their music, and performance practices.

MUS 210 History of Music II - African Diaspora (3)

This course is a survey of music of the African Diaspora and its influences from antiquity to the present. Emphasis is placed on societal, cultural, and political influences on musicians, their music, and performance practices.

MUS 221 History of Music III - World Music (3)

This course is a survey of World Music with special focus on Asian music and its influences from antiquity to the present. Emphasis is placed on societal, cultural, and political influences on musicians, their music and performance practices.

MUS 231 Applied Voice III (2)

This is the level three foundation course for the formal study of voice and is a continuation of MUS 132.

MUS 232 Applied Voice IV (2)

This is the level four foundation course for the formal study of voice and is a continuation of MUS 231.

MUS 233 Applied Keyboard III (2)

This is the level three foundation course for the formal study of keyboards and is a continuation of MUS 133.

MUS 234 Applied Keyboard IV (2)

This is the level four foundation course for the formal study of keyboards and is a continuation of MUS 233.

MUS 235 Applied Brasswind III (2)

This is the level three foundation course for the formal study of brasswind instruments and is a continuation of MUS 135.

MUS 236 Applied Brasswind IV (2)

This is the level four foundation course for the formal study of brasswind instruments and is a continuation of MUS 235.

MUS 238 Vocal Techniques (1)

This course serves as an introduction to using the human voice as an instrument. Emphasis is placed upon voice production, projection, breathing, and techniques.

MUS 241 Concert Chorale III (1)

This course is a continuation of MUS 142.

MUS 242 Concert Chorale IV (1)

This course is a continuation of MUS 241.

MUS 243 Techniques/Brasswinds (1)

This course serves as an introduction to playing brasswind instruments. Emphasis is placed upon tone production, projection, breathing, and techniques.

MUS 245 Applied Woodwind III (2)

This is the level three foundation course for the formal study of woodwind instruments and is a continuation of MUS 146.

MUS 246 Applied Woodwind IV (2)

This is the level four foundation course for the formal study of woodwind instruments and is a continuation of MUS 245.

MUS 247 Techniques/Woodwinds (1)

This course serves as an introduction to playing woodwind instruments. Emphasis is placed upon tone production, projection, breathing, and techniques.

MUS 255 Applied Strings III (2)

This is the level three foundation course for the formal study of string instruments and is a continuation of MUS 156.

MUS 256 Applied Strings IV (2)

This is the level four foundation course for the formal study of string instruments and is a continuation of MUS 255.

MUS 257 Techniques/Strings (1)

This course serves as an introduction to playing stringed instruments. Emphasis is placed upon tone production, projection, and techniques.

MUS 261 Concert Band III (1)

This course is a continuation of MUS 162.

MUS 262 Concert Band IV (1)

This course is a continuation of MUS 261.

MUS 265 Applied Percussion III (2)

This is the level three foundation course for the formal study of percussion instruments and is a continuation of MUS 166.

MUS 266 Applied Percussion IV (2)

This is the level four foundation course for the formal study of percussion instruments and is a continuation of MUS 265.

MUS 267 Techniques/Percussion (1)

This course serves as an introduction to playing percussion instruments. Emphasis is placed upon tone production, projection, and techniques.

MUS 268 Applied Steel III (2)

This is the level three foundation course for the formal study of steel pan instruments and is a continuation of MUS 169.

MUS 269 Applied Steel IV (2)

This is the level four foundation course for the formal study of steel pan instruments and is a continuation of MUS 268.

MUS 271 Jazz Band III (1)

This course is a continuation of MUS 172.

MUS 273 Jazz Band IV (1)

This course is a continuation of MUS 271.

MUS 281 Chamber Ensemble III (1)

This course is a continuation of MUS 181.

MUS 282 Chamber Ensemble Pop IV (1)

This course is a continuation of MUS 281.

MUS 285 Chamber Ensemble Steel III (1)

This course is a continuation of MUS 186.

MUS 286 Chamber Ensemble Steel IV (1)

This course is a continuation of MUS 285.

MUS 291 Music Criticism (3)

The course is designed to prepare performing arts students to evaluate their preparation and performances. The course focuses on reviewing and writing performing arts reviews for the media.

MUS 296 Music Production Workshop III (1)

This course is a continuation of MUS 197.

MUS 297 Music Production Workshop IV (1)

This course is a continuation of MUS 296.

MUS 300 Music Seminars/Recitals (0)

This course, mandatory for all music majors, focuses on performance and recital techniques, master classes, and discussion of relevant issues with presentations by students, faculty and experts in the field.

MUS 302 Composition/Arranging Vocal (3)

Prerequisite: MUS 203 or permission of instructor. The course uses standard and contemporary melodies for vocal ensemble arrangements with and without instruments. The student will present at least fifteen minutes of music covering different styles and tempos to be performed by an ensemble.

MUS 304 Piano Class - Accompanying (1)

Prerequisite: Permission of instructor. This course is suggested for all keyboard principals and focuses on sight reading and score preparation for accompanists through the study of vocal and instrumental literature. Students demonstrating competence in these skills will be assigned to a vocal or instrumental studio, or (by audition), an ensemble.

MUS 305 Class Piano - Accompanying II (1)

Prerequisite: Permission of the instructor. This course is a continuation of MUS 304.

MUS 306 Anthems, Spirituals and Hymns (3)

Prerequisite: MUS 203 or permission of instructor. The course is designed for the student to analyze, select, rehearse, and perform anthems hymns, and spirituals for different audiences and congregations.

MUS 307 Spirituals & Lined Hymn Tunes (3)

This course analyzes the use and practice of African American folk spirituals and lined hymn tunes in traditional and contemporary church services.

MUS 311 Big Band Arranging (3)

Prerequisite: MUS 315 or permission of instructor. This course emphasizes the big band arrangement styles of the Count Basie Orchestra, The Duke Ellington Orchestra, Thad Jones, and others. Various jazz styles from swing to modern contemporary music will also be explored. Students are required to write and perform two big band arrangements for jazz ensemble.

MUS 312 Conducting (3)

Prerequisite: MUS 203 or permission of instructor. This course serves as an introductory course to basic conducting patterns in simple, duple, and triple meters. Particular emphasis is placed on executing the anacrusis, fermata, and tempo changes.

MUS 313 Conducting II (Choral) (1)

Prerequisite: MUS 203 or permission of instructor. This course is a continuation of MUS 312. Emphasis is placed on choral conducting technique. Left hand expression, vocal warm-ups, and choral rehearsal techniques are analyzed. Students study repertoire from the middle ages through contemporary times and learn score reading techniques, complex meter and rhythmic devices.

MUS 314 Conducting II (Instrumental) (1)

Prerequisite: MUS 203 or permission of instructor. This course is a continuation of MUS 312. Emphasis is placed on instrumental conducting technique. Left hand expression, orchestral and band warm-ups, and instrumental rehearsal techniques are analyzed. Orchestra/band repertoire from the Baroque Period through contemporary times is studied. Students learn score reading techniques and complex meter and rhythmic devices.

MUS 315 Small Ensemble Arranging (3)

Prerequisite: MUS 203 or permission of instructor. The course uses standard and contemporary melodies for small ensemble arrangements with and without vocals. The student will present at least fifteen minutes of music covering different styles and tempos to be performed by an ensemble.

MUS 331 Applied Voice (2)

Prerequisite: Four semesters of MUS 232 or permission of instructor. This course serves as the advanced level of training for the voice student. The course is designed to prepare the student for the senior recital, professional auditions, and graduate study. The voice major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 332 Applied Voice VI (2)

Prerequisite: MUS 331 or permission of instructor. This course serves as the second advanced level of training for the voice student. The course prepares students for senior recitals, professional auditions, and graduate

study. The voice major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 333 Applied Keyboard (2)

Prerequisite: MUS 234 or permission of instructor. This course serves as the advanced level of training for the keyboard student. The course prepares students for senior recitals, professional auditions, and graduate study. The keyboard major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 334 Applied Keyboard VI (2)

Prerequisite: MUS 333 or permission of instructor. This course serves as the second advanced level of training for the keyboard student. The course prepares students for senior recitals, professional auditions, and graduate study. The keyboard major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 335 Applied Brasswind V (2)

Prerequisite: MUS 234 or permission of instructor. This course serves as the advanced level of training for the brasswind student. The course prepares students for the senior recital, professional auditions, and graduate study. The brasswind major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 336 Applied Brasswind VI (2)

Prerequisite: MUS 335 or permission of instructor. This course serves as the second advanced level of training for the brasswind student. The course prepares students for the senior recital, professional auditions, and graduate study. The brasswind major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 341 Concert Chorale V (1)

This course is a continuation of MUS 242.

MUS 342 Concert Chorale VII (1)

This course is a continuation of MUS 241.

MUS 345 Form and Analysis (3)

The course prepares the student to analyze the basic forms of composition using accepted practices from traditional and contemporary approaches.

MUS 348 Applied Woodwind V (2)

Prerequisite: MUS 246 or permission of instructor. This course serves as the first advanced level of training for the woodwind student. The course prepares students for the senior recital, professional auditions, and graduate study. The woodwind major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 350 Applied Woodwind VI (2)

Prerequisite: MUS 246 or permission of instructor. This course serves as the second advanced level of training for the woodwind student. The course prepares students for senior recitals, professional auditions, and graduate study. The woodwind major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 355 Applied Strings V (2)

Prerequisite: MUS 256 or permission of instructor. This course serves as the first advanced level of training for the string student. The course prepares students for the senior recital, professional auditions, and graduate study. The string major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 356 Applied Strings VI (2)

Prerequisite: MUS 355 or permission of instructor. This course serves as the second advanced level of training for the string student. The course is designed to prepare the student for the senior recital, professional auditions, and graduate study. The string major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 361 Concert Band V (1)

This course is a continuation of MUS 262.

MUS 362 Concert Band VI (1)

This course is a continuation of MUS 361.

MUS 364 History of Jazz (3)

Emphasis is placed on the importance of jazz and the representation of jazz from its early inception in the late 1890s to the present. The course promotes a critical analysis of the various styles and the most influential musicians and bands from early jazz, hard bop, cool jazz, avant-garde (free jazz), and fusion.

MUS 365 Applied Percussion V (2)

Prerequisite: Four semesters of MUS 165 or permission of instructor. This course serves as the first advanced level of training for the percussion student. The course prepares students for senior recitals, professional auditions, and graduate study. The percussion major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 366 Applied Percussion VI (2)

Prerequisite: MUS 365 or permission of instructor. This course serves as the second advanced level of training for the percussion student. The course prepares students for senior recitals, professional auditions, and graduate study. The percussion major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 367 Instrumental Methods (3)

The course is designed as an introduction to the development, tone production, and fingering for brasswinds, woodwinds, strings, and percussions.

MUS 368 Applied Steel V (2)

Prerequisite: MUS 269 or permission of instructor. This course serves as the first advanced level of training for the steel pan student. The course prepares students for senior recitals, professional auditions, and graduate study. The steel pan major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 369 Applied Steel VI (2)

Prerequisite: MUS 368 or permission of instructor. This course serves as the second advanced level of training for the steel pan student. The course is designed to prepare the student for the senior recital, professional auditions, and graduate study. The steel pan major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 370 History of Popular Music (3)

Emphasis is placed upon the history, styles, musicians, and sociological conditions of its development.

MUS 371 Jazz Band V (1)

This course is a continuation of MUS 272.

MUS 372 Jazz Band VI (1)

This course is a continuation of MUS 371.

MUS 381 Chamber Music Pop V (1)

This course is a continuation of MUS 282.

MUS 382 Chamber Music Pop VI (1)

This course is a continuation of MUS 381

MUS 385 Chamber Ensemble Steel V (1)

This course is a continuation of MUS 286.

MUS 386 Chamber Ensemble Steel VI (1)

This course is a continuation of MUS 385.

MUS 394 Jazz Improvisation & Arranging (3)

Prerequisites: MUS 207, 208 or permission of instructor. The course is centered around the study and application of various styles of improvisation and arrangement for jazz and its progenitors with emphasis on composing and arranging while performing and writing or recording hard copy. Basic melodic, harmonic and rhythmic patterns and Greek scales will be performed.

MUS 396 Music Production Workshop V (1)

This course is a continuation of MUS 297.

MUS 397 Music Production Workshop VI (1)

This course is a continuation of MUS 396.

MUS 431 Applied Voice VII (2)

Prerequisite: MUS 332 or permission of instructor. This course serves as the third advanced level of training for the voice student. The course prepares students for senior recitals, professional auditions, and graduate study. The voice major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 432 Applied Voice VIII (2)

Prerequisite: MUS 431 or permission of instructor. This course serves as the fourth advanced level of training for the voice student. The course prepares students for senior recitals, professional auditions, and graduate study. The voice major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 433 Applied Keyboard VII (2)

Prerequisite: MUS 334 or permission of instructor. This course serves as the third advanced level of training for the keyboard student. The course prepares students for senior recitals, professional auditions, and graduate study. The keyboard major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 434 Applied Keyboard VIII (2)

Prerequisite: MUS 433 or permission of instructor. This course serves as the fourth advanced level of training for the keyboard student. The course prepares students for the senior recital, professional auditions, and

graduate study. The keyboard major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 435 Applied Brasswind VII (2)

Prerequisite: MUS 336 or permission of instructor. This course serves as the third advanced level of training for the brasswind student. The course prepares students for senior recitals, professional auditions, and graduate study. The brasswind major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 436 Applied Brasswind VIII (2)

Prerequisite: MUS 435 or permission of instructor. This course serves as the fourth advanced level of training for the brasswind student. The course prepares students for senior recitals, professional auditions, and graduate study. The brasswind major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 441 Concert Chorale VIII (1)

This course is a continuation of MUS 342.

MUS 442 Concert Chorale VIII (1)

This course is a continuation of MUS 441.

MUS 444 Instrumental Methods - Steelpan Making & Tuning (3)

Prerequisite: Permission of instructor. This course is designed to give the student hands-on experience in making and tuning instruments of the steel orchestra.

MUS 447 Applied Woodwind VII (2)

Prerequisite: MUS 350 or permission of instructor. This course serves as the third advanced level of training for the woodwind student. The course prepares students for senior recitals, professional auditions, and graduate study. The woodwind major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 448

MUS 449 Applied Woodwind VIII (2)

Prerequisite: MUS 447 or permission of instructor. This course serves as the fourth advanced level of training for the woodwind student. The course prepares students for senior recitals, professional auditions, and graduate study. The woodwind major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 453 Introduction to Church Music (3)

This course defines the development of authentic religious music practices and genres, influences from various traditional and non- traditional church denominations and institutions. It examines the history and policies of church denominations as related to the roles and functions of church musicians and music ministry management.

MUS 455 Applied Strings VII (2)

Prerequisite: MUS 356 or permission of instructor. This course serves as the third advanced level of training for the string student. The course prepares students for senior recitals, professional auditions, and graduate study. The string major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 456 Applied Strings VIII (2)

Prerequisite: MUS 455 or permission of instructor. This course serves as the fourth advanced level of training for the string student. The course is designed to prepare the student for the senior recital, professional auditions, and graduate study. The string major must enroll in and pass each of the four different levels prior to earning a passing grade for recital.

MUS 461 Concert Band (1)

This course is a continuation of MUS 362.

MUS 462 Concert Band (1)

This course is a continuation of MUS 461.

MUS 465 Applied Percussion VII (2)

Prerequisite: MUS 366 or permission of instructor. This course serves as the third advanced level of training for the percussion student. The course prepares students for senior recitals, professional auditions, and graduate study. The percussion major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 466 Applied Percussion VIII (2)

Prerequisite: MUS 465 or permission of instructor. This course serves as the fourth advanced level of training for the percussion student. The course prepares students for senior recitals, professional auditions, and graduate study. The percussion major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 468 Applied Steel VII (2)

Prerequisite: MUS 369 or permission of instructor. This course serves as the third advanced level of training for the steel pan student. The course prepares students for senior recitals, professional auditions, and graduate study. The steel pan major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 469 Applied Steel VIII (2)

Prerequisite: MUS 468 or permission of instructor. This course serves as the fourth advanced level of training for the steel pan student. The course prepares students for the senior recital, professional auditions, and graduate study. The steel pan major must enroll in and pass each of the four different levels of the course prior to earning a passing grade for recital.

MUS 471 Jazz Band VII (1)

This course is a continuation of MUS 372.

MUS 472 Jazz Band VIII (1)

This course is a continuation of MUS 471

MUS 474 Foundations of Music Education (3)

The course defines the historical, psychological, and sociological developments of music education.

MUS 481 Chamber Music Pop VII (1)

This course is a continuation of MUS 382.

MUS 482 Chamber Ensemble Pop VIII (1)

This course is a continuation of MUS 481.

MUS 485 Chamber Ensemble Steel VII (1)

This course is a continuation of MUS 386.

MUS 486 Chamber Ensemble Steel VIII (1)

This course is a continuation of MUS 485.

MUS 487 Applied Music Recital (1)

Prerequisite: Permission of faculty. This course represents a culmination of systematic training in voice or an instrument. It is required for all graduating Bachelor of Music students, or it may be exempted by faculty upon presentation of documentation of successful performances at the professional level.

MUS 491 Business of Music (3)

This course prepares the student to understand and function as a professional artist in dealing with contracts, copyrights, negotiations, management, recordings, agents, etc.

MUS 492 Emotion and Music (3)

This course presents examples of the way music has been used throughout history, as well as in the present, as a vehicle for modifying the listener's responses. It presents an understanding of ways to perform for different audiences.

MUS 493 Major Applied Research Project I (3)

This course gives the student the opportunity to incorporate professional experiences through a documented format.

MUS 494 Music Internship (3)

This course is designed for the student to gain practical experience in the performing arts field of his or her choice.

MUS 496 Music Production Workshop VII (1)

This course is a continuation of MUS 397.

MUS 497 Music Production Workshop VIII (1)

This course is a continuation of MUS 496.

MUS 498 Major Applied Research Project II (3)

This course is a continuation of MUS 493 and gives the student the opportunity to incorporate professional experiences through a documented format.

MUS 499 Comparative European Languages (3)

This course is designed to introduce the student to basic pronunciation and definition of musical terms and lyrics in French, German, and Italian.

MUSIC BUSINESS

MUB 301 Introduction to Music Business (3)

Prerequisite: BUS211, Principles of Management. This course presents the history and development of the music industry, focusing upon contemporary theory and practice.

MUB 311 Computers and Music (3)

Introduction to basic computing skill for the musician, exploring Musical Instrument Digital Interface (MIDI) as a tool in the marketplace. The course includes Basic acoustics theory, Midi Sequencing using two of the leading software (Sonar 4.0), Music notation (Finale 2007).

MUB 312 MIDI Techniques (2)

Prerequisite: MUB 311 or permission of the instructor. Composing, editing, mixing using various MIDI controllers, MIDI sequencer programs and "soft" synthesizers in "Reason 3".

MUB 313 MIDI Techniques (Lab) (1)

This course should be taken together with MUB 312. An introduction to the latest software and hardware technologies.

MUB 314 MIDI/Digital Audio Workstations (2)

Prerequisite: MUB 312 or permission of instructor. The course covers the fundamentals and practical applications of a digital audio system, as well as methods for functioning in an integrated MIDI/Digital Audio Workstation (DAW)/Analog studio environment. Course topics include system set up and interconnections; MIDI interface and synchronization; aspects of digital recording consoles/mixers, such as paged architecture, I/O, word clock, sample rate, and bit depth); and basics of a DAW, such as the elements of hard-disk recording, track and file management, digital audio, and sequencing strategies.

MUB 315 Music Production with Pro Tools and Reason (2)

Prerequisite: MUB 314. This course provides the student with the essential knowledge of recording, editing and mixing projects in the environment of the leading software programs today Pro Tools 7 and Reason 3.0 using Rewire technology. The student will learn practical applications that go beyond remix production, and you'll develop a diverse skill set that will help you to better understand mixing, editing, and producing original material.

MUB 331 Music Copyright and Publishing (3)

Prerequisite: BUS 311, Business Law I. The course is a study of the national and international protection of intellectual property through laws such as the 1976 Copyright Act. National and international publishing and licensing agreements are examined.

MUSIC PRODUCTION

MUP 100 Audio Foundations (3)

An introduction to the fundamentals of sound, including digital and analog audio, signal flow, microphone techniques, and signal processing. This course provides foundational knowledge for understanding and working with audio in music production.

MUP 201 Pro Tools Workshop (3)

Prerequisite: MUB 311. A hands-on course focused on the fundamentals of Pro Tools, covering multitrack editing, automation, mixing techniques, and workflow optimization for professional audio production.

MUP 202 Songwriting (3)

Prerequisite: MUB 311. Explores the art and craft of songwriting, emphasizing melody, harmony, lyric writing, and song structure across various musical genres. Students will develop original compositions and analyze influential works.

MUP 203 Sound Design for Media (3)

Introduces techniques for creating and integrating sound effects, ambient sounds, and audio elements into film, television, video games, and other multimedia projects.

MUP 300 Production I: Recording Techniques (3)

Prerequisite: MUP 201, MUP 100. Covers fundamental recording techniques, including microphone placement, signal routing, gain staging, and session workflow. Students will gain hands-on experience in studio environments.

MUP 301 MIDI Techniques and Synthesizers (3)

Prerequisite: MUP 201, MUS 101. Focuses on MIDI programming, virtual instruments, synthesis techniques, and sequencing for music production, with an emphasis on creative sound design.

MUP 302 Production II: Mixing and Mastering (3)

Prerequisite: MUP 300. Focuses on the technical and artistic aspects of mixing and mastering, covering EQ, compression, spatial effects, and loudness standards for professional audio production.

MUP 303 Live Sound Production (3)

Prerequisite: MUP300. Covers the principles of live sound reinforcement, mixing, signal flow, and sound system operation for concerts, theater, and other live events.

MUP 304 Acoustics (3)

Prerequisite: MUP 100. Examines the science of sound behavior, room acoustics, and soundproofing. Students will explore how acoustics affect recording, mixing, and live performance environments.

MUP 305 Music and Video Games (3)

Prerequisite: MUP 301, MUS 102. Introduces the principles of interactive audio and music composition for video games, including adaptive soundtracks and dynamic sound design.

MUP 400 Production III: Creative Practices (3)

Prerequisite: MUP 302. Explores advanced production concepts, including arrangement, track layering, and genre-specific techniques. Students will apply creative and technical skills to music production projects.

MUP 401 Digital Arranging and Orchestration (3)

Prerequisite: MUP 301, MUS 102. Teaches arranging and orchestration techniques using digital tools. Students will create arrangements for various ensembles and explore stylistic considerations.

MUP 402 Music Marketing and Promotions (3)

Prerequisite: MUB 301. Explores strategies for branding, marketing, and promoting music in a digital landscape. Topics include social media, streaming platforms, and artist development.

MUP 403 Production IV: Music for Media (3)

Prerequisite: MUP 301, MUP 400. Covers the process of composing and producing music for film, television, and multimedia, focusing on scoring techniques, synchronization, and industry workflows.

MUP 404 Entrepreneurship in the Music Industry (3)

Examines the business aspects of the music industry, including career development, financial planning, contract negotiation, and independent music ventures.

MUP 405 Emerging Trends in Music Production (3)

Prerequisite: MUP 400. Investigates cutting-edge developments in music production, including artificial intelligence, immersive audio, and new technologies shaping the future of sound.

ARMY ROTC

MSL 101 - Foundations of Officership (1), MSL 101L Leadership Laboratory (0)

In this Army ROTC course, students will: examine the unique duties and responsibilities of officers; discuss the organization and role of the Army; review the basic life skills pertaining to fitness and communication; and analyze the Army values and expected ethical behavior.

MSL 102 - Basic Leadership (1), MSL 102L Leadership Laboratory (0)

In this Army ROTC course, students will learn the fundamental leadership concepts and doctrine; practice the basic skills that underlie effective problem solving; apply active listening and feedback skills; examine factors that influence the leader and group effectiveness; and examine the officer experience.

MSL 201 - Individual Leadership Studies (2) MSL 201L Leadership Laboratory (0)

In this Army ROTC course, students will develop knowledge of self, self-confidence, individual leadership skills, problem solving and critical thinking skills. In addition, students will apply communication, feedback, and conflict resolution skills.

MSL 202 - Leadership and Teamwork (2), MSL 102L Leadership Laboratory (0)

In this Army ROTC course, students will focus on self-development guided by knowledge of self and group processes; challenge current beliefs, knowledge, and skills; and provide equivalent preparation for the ROTC Advanced Course as the Leader's Training Course.

MSL 301 - Leadership and Problem Solving (3), MSL 301L Leadership Laboratory (0)

In this Army ROTC course, students will examine basic skills that underlie effective problem solving. In addition, students will analyze the role officers played in the transition of the Army from Vietnam to the 21st Century; review the features and execution of the Leadership Development Program (LDP); analyze military missions and plan military operations; and execute squad battle drills.

MSL 302 - Leadership and Ethics (3), MSL 302L

In this section, Army ROTC students will: probe leader responsibilities that foster an ethical command climate; develop cadet leadership competencies; prepare for success at Leader Development and Assessment Course (LDAC); recognize leader responsibility to accommodate subordinate spiritual needs; and apply principles and techniques of effective written and oral communication.

MSL 401 - Leadership and Management (3) MSL 401L Leadership Laboratory (0)

In this ROTC course, students will build on Leader Development and Assessment Course (LDAC) experience to solve organizational and staff problems; discuss staff organization, functions and processes; analyze counseling responsibilities and methods; examine principles of subordinate motivation and organizational change; and apply leadership and problem-solving principles to the complex case study/simulation.

MSL 402 - Officership (3), MSL 402L Leadership Laboratory (0)

This ROTC capstone course is designed to explore topics relevant to second lieutenants entering the Army. In addition, students will describe legal aspects of decision making and leadership; analyze Army organization for operations from the tactical to strategic level; assess administrative and logistics management functions; discuss reporting and permanent change of station (PCS) process; perform platoon leader actions; and examine leader responsibilities that foster an ethical command climate.

MSL 440 - United States Military History (3)

This ROTC course examines the Military Heritage of the United States from colonial wars to the present as well as focuses on the operational and strategic levels of warfare.

MSL 490 - Miscellaneous, Supervised and/or Independent Study (1- 3)

This ROTC course entails supervised reading and an independent study of United States Military History and writing requirements. Permission of the instructor is required.

NATURAL SCIENCES**NSC 102 Critical Thinking in Health and Natural Sciences (2) Sp**

This course is designed to teach students how to become successful scientists and professionals in their chosen career field. Students will demonstrate critical thinking skills by learning how to read and analyze

scientific papers, write scientific papers, and develop presentation skills. Students will also learn vocabulary and word roots of science terms.

NSC 452 Senior Seminar (2) F, Su

Prerequisites: MAT 205 or PSY 312, CHE 210, 211, a minimum of 30 credits successfully completed in the major, and permission of instructor and mentor.

NSC 453 Senior Project (1) Sp, Su

Prerequisites: Successful completion of NSC 452 or permission of instructor and mentor. The student works on a research project under the direction of a member of the departmental faculty.

PHILOSOPHY

PHI 200 Aesthetics (3)

Aesthetics (also spelled esthetics) is a branch of philosophy dealing with the nature of beauty, art, and taste, and with the creation and appreciation of beauty. It is more scientifically defined as the study of sensory or sensori- emotional values, sometimes called judgments of sentiment and taste.

PHI 301 Introduction to Western Philosophy (3)

Western philosophy is the philosophical thought and work of the Western or Occidental world, as distinct from Eastern or Oriental philosophies and the varieties of indigenous philosophies. Historically, the term was recently invented to refer to the philosophical thinking of Western civilization, beginning with Greek philosophy in ancient Greece, and eventually covering a large area of the globe, including North America and Australia. We will survey the two main traditions of contemporary philosophy: analytic philosophy and continental philosophy

PHI 302 Introduction to Eastern Philosophy (3)

Eastern philosophy includes the various philosophies of Asia, including Indian philosophy, Chinese philosophy, Iranian philosophy, Japanese philosophy and Korean philosophy. Central to our focus will be the thought of Confucius, Mencius, Tao Tzu, and the Buddha.

PHI 311 History of Ancient Western Philosophy (3)

In Western philosophy, the spread of Christianity through the Roman Empire marked the end of Hellenistic philosophy and ushered in the beginnings of Medieval philosophy. We will begin with the pre-Socratic philosophers, journey through Socrates, Plato and Aristotle, and end just short of Rene' Descartes and the Enlightenment (This course is a requirement for PHI 312 and has the prerequisite of REL 201).

PHI 312 History of Western Philosophy (3)

History of Western Philosophy is an extension of PHI 311. We begin with Rene' Descartes and the Enlightenment, travel through the sentimentalists and the social contract theorists of analytic philosophy and end with American pragmatism and the deconstruction and phenomenology of continental philosophy. (Prerequisites: REL 201, PHI 312).

PHI 321 Philosophy of Art (3)

This course builds upon PHI 200. It has a tighter focus on art than the broader aesthetics course, and can well be called the art epistemology, i.e., how do we know art and what art is. There seems to be something deeply metaphysical about art as well, for it has the capacity to communicate emotions and is a major conduit for religion. As they say, "This piece of art speaks to me," but how does this work? (Prerequisites: REL 201, PHI 200).

PHI 331 Contemporary Ethics (3)

This course surveys our modern views on ethics. We begin with an analysis of G.E.M. Anscombe's essay on "Modern Moral Philosophy." From there we derive the mechanics of deontological (primarily Kantianism) and teleological ethics (namely consequentialism and utilitarianism). These theories will logically and historically give rise to the re-birth of virtue ethics and its sentimentalist empathy and care derivatives. (Prerequisite: REL 201)

PHI 341 Logic (3)

Logic is the study of arguments. Logic is used in most intellectual activities, but is studied primarily in the disciplines of philosophy, mathematics, and computer science. Logic examines general forms which arguments may take, which forms are valid, and which are fallacies. It is one kind of critical thinking. In philosophy, the study of logic falls in the area of epistemology, which asks: "How do we know what we know?" In mathematics, it is the study of valid inferences within some formal language. This course surveys propositional and predicate logic.

PHI 411 Philosophy of Education (3)

Philosophy of education is a field of applied philosophy, drawing from the traditional fields of philosophy (ontology, ethics, epistemology, etc.) and its approaches (speculative philosophy, prescriptive, and/or analytic) to address questions regarding education policy, human development, and curriculum theory, to name a few. We will study what constitutes upbringing and education, the values and norms revealed through upbringing and educational practices, the limits and legitimization of education as an academic discipline, and the relation between educational theory and practice. We will have as our primary thinkers James Fowler and Nel Noddings.

PHI 421 Philosophy of Humanities (3)

This is not simply a course on the humanities; this is a philosophy course. Therefore, it deals with the philosophical and meta questions of the humanities. The humanities are academic disciplines that study the human condition, using methods that are primarily analytic, critical, or speculative, as distinguished from the mainly empirical approaches of the natural and social sciences. Examples of the disciplines of the humanities are ancient and modern languages, literature, law, history, philosophy, religion, and visual and performing arts (including music).

PHI 431 Philosophy of Science (3)

The philosophy of science is concerned with the assumptions, foundations, methods and implications of science. In addition to these central problems for science as a whole, many philosophers of science consider these problems as they apply to particular sciences (e.g. philosophy of biology or philosophy of physics). Some philosophers of science also use contemporary results in science to draw philosophical morals.

PHI 441 Philosophy of the Social Sciences (3)

The philosophy of social science is the study of the logic and method of the social sciences, such as sociology, anthropology and political science. Philosophers of social science are concerned with the differences and similarities between the social and the natural sciences, causal relationships between social phenomena, the possible existence of social laws, and the ontological significance of structure and agency

PHI 491 Phenomenology (3)

Phenomenology is a philosophical movement. It was founded in the early years of the 20th century by Edmund Husserl, expanded together with a circle of his followers at the universities of Göttingen and Munich in Germany, and spread across to France, the United States, and elsewhere, often in contexts far removed

from Husserl's early work. Phenomenology, in Husserl's conception, is primarily concerned with the systematic reflection on and analysis of the structures of consciousness, and the phenomena which appear in acts of consciousness. Such reflection was to take place from a highly modified "first person" viewpoint, studying phenomena not as they appear to "my" consciousness, but to any consciousness whatsoever.

PHYSICAL SCIENCE

PSC 101 Physical Science (3) F, Sp, Su

Prerequisite: Successful completion of MAT 110. This course is for non- science majors only. It provides a brief overview of the major theories and problems in physics, chemistry, earth science, and astronomy. Topics include elementary mechanics, scientific notation, measurement, atomic structure, energy, electromagnetism, geology, meteorology, and the solar system.

PHYSICS

AST 200 Stellar Astronomy (3) F, Sp, Su

Prerequisite: MAT 111. This course covers general principles of Astronomy: structure and evolution of stars, stellar systems, galaxies and the universe. Neutron stars and black holes, galactic distances and the expansion of the universe.

PHY 140 General Physics I (3) F, Sp,

This remedial physics course is a non-calculus-based introductory physics course sequence designed and intended for freshmen students majoring in physics / engineering and who did not take physics at high school. The course covers fundamental concepts of mechanics, forces and equilibrium motion of a particle in one and two dimensions, laws of motion, work and energy, momentum, collisions in one-dimension, circular motion, motion of fluids, heat, kinetics, laws of thermodynamics, wave motion and sound.

PHY 141 General Physics I Lab (1) F, Sp

This entails laboratory courses to accompany PHY140 General Physics I and consisting of experiments in fundamental mechanics, thermodynamics and waves.

PHY142 General Physics II (3) F, Sp

Co-requisite: PHY 143. This is a continuation of PHY 140 covering Electric fields and forces, Gauss' Law, electric potential, capacitance and dielectrics, current and resistance, direct current circuitry, magnetic fields and their sources, Faraday's Law, inductance and alternating current circuits, geometric optics, and physical optics.

PHY143 General Physics II Lab (1) F, Sp

Co-requisite PHY142. General Physics II consists of experiments in Electromagnetics and Optics.

PHY 200 College Physics I (3) F, Sp, Su

Prerequisite: MAT 111 Co-requisite: PHY 201. This course covers fundamental concepts of mechanics, forces and equilibrium; motion of a particle in one and two dimensions, laws of motion, work and energy, momentum, collisions in one-dimension, circular motion, motion of fluids, heat, kinetics, laws of thermodynamics, wave motion and sound.

PHY 201 College Physics I Laboratory (1) F, Sp, Su

Co-requisite: PHY 200. Experiments include laws of linear motion and collisions, extended circular motion, mechanical equivalent of heat, diffraction, polarization, analysis of spectral lines, propagation, reflection, and refraction of light, propagation of heat and expansion of materials.

PHY 202 College Physics II (3) F, Sp, Su

Prerequisites: PHY 200 and 201 Co-requisite: PHY 203. This is a continuation of PHY 201 covering electric fields and forces, Gauss' Law, electric potential, capacitance and dielectrics, current and resistance, direct current circuitry, magnetic fields and their sources, Faraday's Law, inductance and alternating current circuits, geometric optics, and optical spectra and atomic structure, natural radioactivity and nuclear disintegration.

Co-requisite: PHY 202. Experiments include induction; electric circuits; Ohm's Law; dependence of resistance on length; area, and temperature; parallel and series connection of resistors; motors; electromagnetism and induction; characteristics of parallel plate capacitor; motion of charges in magnetic fields; and deflection of an electron beam by homogeneous magnetic fields.

PHY 250 Physics with Calculus I (4) F, Sp, Su

Prerequisite: MAT 202 Co-requisite: PHY 251. This course covers the principles of classical mechanics using the techniques of the calculus-- vectors, laws of circular motion, work/energy conservation laws, linear and angular momentum, rotation of rigid bodies, oscillatory motion, the laws of thermodynamics, and the kinetic theory of gases.

PHY 251 Physics with Calculus I Laboratory (1) F, Sp, Su

Co-requisite: PHY 250. Experiments include error estimation, laws of linear motion and collision; extended circular motion; mechanical equivalent of heat; diffraction; polarization; analysis of spectral lines; propagation, reflection, and refraction of light; transfer of heat, and expansion of materials using calculus.

PHY 252 Physics with Calculus II (4) F, Sp, Su

Prerequisites: PHY 250, PHY 251. Co-requisite: PHY 253. This course covers electric fields and forces, Gauss' Law, electric potential, capacitance and dielectrics, current and resistance, direct current circuitry, magnetic fields and their sources, Faraday's Law, inductance and alternating current circuits, geometric optics, and physical optics using the calculus techniques.

PHY 253 Physics with Calculus II Laboratory (1) F, Sp, Su

Co-requisite: PHY 252. Experiments include induction; electric circuits; Ohm's Law; dependence of resistance on length, area, and temperature; parallel and series connection of resistors; motors; electromagnetism and induction; characteristics of parallel plate capacitors; motion of charges in a magnetic field; and deflection of an electron beam by homogeneous magnetic fields.

PHY 310 Modern Physics I (3) F, Sp, Su

Prerequisites: PHY 252, PHY 253. Co-requisite: PHY 311. Recent developments in physics are discussed. Subject matter includes review of classical physics, special relativity, four-vectors, wave-particle duality, the hydrogen atom, many electron atoms, nuclear instrumentation, nuclear structure, nuclear reactions, elementary particles, introduction to quantum mechanics, and solid-state physics.

PHY 311 Modern Physics I lab (1) F, Sp, Su

This entails laboratory courses to accompany Modern Physics I, consisting of experiments in atomic and nuclear physics.

PHY 312 Modern Physics II (3) F, Sp, Su

Prerequisites: PHY 310, PHY 311. Co-requisite: PHY 313. Continuation of PHY 310 Modern Physics I. This course consists of classical physics, special relativity, four-vectors, wave-particle duality, the hydrogen atom, many electron atoms, nuclear instrumentation, nuclear structure, nuclear reactions, elementary particles, introduction to quantum mechanics, and solid-state physics.

PHY 313 Modern Physics II Lab (1) F, Sp, Su

This entails laboratory courses to accompany Modern Physics II, consisting of experiments in atomic and nuclear physics.

PHY 318 Optics (3) F, Sp, Su

Prerequisites: PHY 312, PHY 313. This course covers geometrical optics and the interaction of light with matter.

PHY 320 Thermodynamics (3) F, Sp, Su

Prerequisites: PHY 312 Modern Physics II. Fundamental principles of thermodynamics, the first, second, and third laws, free energy, entropy, the chemical potential, phase rule and its applications.

PHY 410 Mechanics I (3) F, Sp, Su

Prerequisites: PHY 252 Physics w/Cal. I. Laws of motion, statics of particles and rigid bodies, motion of particles in one, two, and three dimensions, systems of particles, rigid bodies in a plane, central forces. Accelerated reference systems, rigid body in three dimensions, generalized coordinates.

PHY 411 Mechanics II (3) F, Sp, Su

Prerequisites: PHY 411 Mechanics II. This course consists of Lagrangian and Hamiltonian formulations of mechanics, vibrating systems, and normal coordinates.

PHY 440 Electromagnetism I (3) F, Sp, Su

Prerequisites: PHY 411 Mechanics II. The theory of electromagnetic fields and waves is developed from basic principles. Vector calculus, Coulomb's law, Gauss's Law, electrostatic potential, dielectrics, solutions to Laplace's and Poisson's equations, magnetic induction.

PHY 441 Electromagnetism II (3) F, Sp, Su

Prerequisites: PHY 440 Electromagnetism I. Vector potential, magnetic materials, Maxwell's equations, and propagation of waves in space and various media are discussed.

PHY 460 Quantum Mechanics I (3) F, Sp, Su

Prerequisites: PHY 441 Electromagnetism II. A comprehensive introduction to quantum mechanics with wave mechanics applied to standard one-dimensional problems and the hydrogen atom.

PHY 461 Quantum Mechanics II (3) F, Sp, Su

Prerequisites: PHY 460 Quantum Mechanics I. A comprehensive analysis of general matrix formalism; angular momentum, symmetries, perturbation theory and variation methods. Also, an introduction to relativistic theory and theory of fields.

PHY 462 Statistical Physics (3) F, Sp, Su

Prerequisites: PHY 461 Quantum Mechanics II. General probabilistic theory, classical and quantum statistics of equilibrium and non-equilibrium states are discussed.

PHY 463 Solid State Physics (3) F, Sp, Su

Prerequisites: PHY 462 Statistical Physics. An investigation of crystalline form of solids, lattice dynamics, metals, insulators, semiconductors, crystalline surfaces, and amorphous materials.

PHY 465 Semiconductor Physics (3) F, Sp, Su

Prerequisites: PHY 463 Solid State Physics. Introduction to semiconductor physics with some of the latest theories and developments.

PHY 470 Senior Physics Lab (2) F, Sp, Su

Prerequisites: PHY 461 Quantum Mechanics II. Advanced laboratory topics are treated. Modern physics laboratory equipment is used, and the student is introduced to current laboratory practice.

PHY 480 Senior Research (3) F, Sp, Su

Prerequisites: PHY 470 Senior Physics Lab. Students perform original investigation in theoretical or experimental physics under direct faculty supervision.

PHY 481 Seminar in Physics (1) F, Sp, Su

Prerequisites: PHY 480 Senior Project Senior Research. This entails a series of specialized lectures/seminars on selected topics in Physics.

PHY 490 Mathematical Physics I (3) F, Sp, Su

Prerequisites: MAT 401. Mathematical physics covers variation principles, complex variables, partial differential equations, integral equations, and transforms.

PHY 491 Mathematical Physics II (3) F, Sp, Su

Prerequisites: PHY 490. Additional mathematical methods for physicists: Perturbation methods, Laplace's and Poisson's Equations, waves, special functions, vector fields, vector waves.

PHY 495 Laser Physics (3) F, Sp, Su

Prerequisites: NSC 453 Senior Project. This course consists of principles of lasers and laser applications, including atom-field interactions, stimulated emission and dipole oscillators, optical resonators and electromagnetic modes, semi-classical and quantum laser theory, and specific laser systems.

PHY 497 Special Relativity (3) F, Sp, Su

Prerequisites: PHY 491 Mathematical Physics II. A detailed study of special relativity: Lorentz transformations relativistic electrodynamics.

PHY 498 General Relativity (3) F, Sp, Su

Prerequisites: PHY 491 Mathematical Physics II. General relativity through differential geometry and tensor analysis. Field equations and their solutions and applications are studied.

POLITICAL SCIENCE

POL 301 U.S. Government (3) F, Su

A survey of the structure, function, theory and practices of the United States government.

POL 302 State and Local Government (3) Sp, Su

A study of state and local government in America with emphasis on principles, functions and administration of state, county and local government.

POL 311 Comparative Government (3) Sp

Prerequisite: POL 301. A comparative study of the backgrounds, institutions, and policies of the United States, England, France, the Soviet Union and Sweden.

POL 330 International Politics (3) F

Prerequisite: POL 301. A study of geographic political, economic and ideological factors which influence the behavior of nations.

POL 331 Politics of Black Americans (3) Sp

An analysis of the political behavior of Black Americans and the issues which affect them.

POL 333 Politics of Governmental Finance (3) F

Prerequisite: POL 301. An assessment of politics, planning and administration of governmental budgets.

POL 334 Public Personnel Administration (3) Sp

Focuses upon the theory, practice and organization of public personnel training, classification, compensation, promotion and human relations.

POL 337 Public Policy Analysis (3) Sp

A study of the forces shaping public policy and the consequences of policy design, public bureaucracy and their programs and decision making.

POL 338 Administration of Social Services (3) F, Su

Designed to enable one to understand the process of planning and administering basic social services, including housing, recreation, health care, policy and welfare.

POL 340 Third World Politics (3) F

An analysis of selected political systems in Africa, Latin America, the Caribbean and Asia.

POL 403 Management of Federal Government (3) Sp

An investigation of the executive, legislative and judicial branches of government.

POL 407 Constitutional Law I (3) F, Sp

This course takes a look at the development and philosophies of constitutions. Emphasis is placed on the role, interpretations, and procedures of the Constitution of the United States of America.

POL 408 Constitutional Law II (3) F, Sp

Prerequisite: POL 407. This course is a continuation of Constitutional Law I and examines the interpretations and amendments of the Constitution. An exploration of constitutional limitations and guarantees is included.

POL 430 Research in Political Science (3) F, Su

This course deals with principles and techniques of research in political science.

POL 436 Political Theory (3) Sp, Su

Political thought and writings from Greek antiquity to modern times. Emphasis is placed on the leading political figures.

POL 438 International Law and Organization (3) Sp, Su

Using the United Nations and the International Public Sector as a backdrop for this course, issues such as peacekeeping, trade, and social and humanitarian efforts are covered. This course also examines why states act through formal international organizations such as the United Nations as well as informal non-governmental organizations (NGOs) such as multinational corporations.

POL 490 Field Placement I (3) F, Sp, Su

Supervised field work with a governmental or other public affairs-oriented organization.

POL 491 Field Placement II (3) F, Sp, Su

Prerequisite: POL 490. A continuation of field placement I with supervised field work in a governmental or other public affairs agency.

PSYCHOLOGY**PSY 200 Introduction to Psychology (3) F, Sp, Su**

This is an intensive reading course. The course is an introduction to psychological terms, facts, and principles and is designed to aid students in understanding themselves and others. Behavior is analyzed and interpreted through a discussion of such topics as growth and development in infancy, childhood, adolescence, and adulthood; states of awareness; learning and thinking; motivation and emotion; mental health; and social behavior.

PSY 300 Foundations of Industrial/Organizational Psychology (3)

This course is designed to introduce students to the science and practice of psychology in organizations. The course will examine the effects of employee attitudes, behavior, cognitions, emotions, and personality on worker satisfaction and performance.

PSY 301 Psychopathology (3) F

The study of various abnormal phases of behavior, prevention and treatment of certain social-emotional problems, examination of recent clinical and experimental findings.

PSY 302 Clinical Psychology (3) Sp

The history and current status of clinical psychology, professional ethics and interpersonal concerns, clinical assessment and prediction, theory and practice of behavior change.

PSY 303 Experimental Psychology (3) F

This course deals with selected laboratory experiments and demonstrations, lectures, collateral readings in methods and results of psychological experimentation.

PSY 304 Physiological Psychology (3) Su

An investigation of basic neuroanatomy and neurophysiology followed by an introduction to the physiological basis of sensation, arousal, motivation, memory, and learning.

PSY 306 Developmental Psychology (3) F

The study of the development of personality, intelligence, and motivation from childhood to adulthood. The role of social learning in the developmental process will be investigated.

PSY 307 History and Systems of Psychology (3) Sp, Su

A study of the development of psychology as a body of science and the historical background of psychology.

PSY 308 Personality Theory (3) Sp, Su

An examination of the place of personality theory in various approaches or the fields of personality. Studies include the structures, determinants, dynamics and developmental characteristics of personality.

PSY 309 Research Methods (3) F, Sp, Su

This course provides an overview of various research methods used in psychology and other social and behavioral sciences. Emphasis is placed on the logic of social inquiry, problems of research design and execution, and qualitative and quantitative analyses. Students will be guided through a research proposal that may be used in the development of their senior project.

PSY 310 Community Psychology (3) F, Sp, Su

This course gives students a basic understanding of the content, approach, and philosophy that characterize community psychology. The focus is on the importance of and strategies for producing social change and for treating community problems with prevention-oriented community psychology interventions. Organized around community settings, such as the educational system, the criminal justice system, social service system, and mental health system, the course aids students in understanding that principles of prevention and empowerment can be transferred from one community arena to another. A central concept in this course is the idea that setting, or environment is as important as the individual(s) in it and that many academic disciplines and counseling methods can offer solutions to psychological problems found in the community.

PSY 312 Introduction to Statistics (3) F, Sp, Su

Prerequisite: Successful Completion of MAT 102 or a higher-level math course. This course is designed to introduce students to the basic concepts of descriptive and inferential statistics and to build a groundwork for

better understanding of social science data and statistics commonly used in social research. Emphasis will be placed on practical application of statistical theories and techniques applicable to social sciences, the use of statistical computer software, and the interpretation and production of statistical tables and charts. Measures of central tendency and dispersion, probability, tests of significance, and correlation are covered.

316 Psychology of Culture (3) F

An introduction to the influence of cultural factors that serve as independent variables in the dynamic process of human behavior, development, and interpersonal exchange. A major focus will be African American, Asian American, Hispanic American and Native American cultures.

PSY 317 Psychology of the African Diaspora (3) Sp

This course examines the psychological dimensions of the African American experience as it occurs within the conceptual framework of the African Diaspora. Topics to be covered include African culture and consciousness before the coming of the Europeans, the psychological impact of slavery, the psychology of resistance to domination, the psychology of creolization, the psychology of religion, the African American family, the psycho-spiritual development of African American people, identity and psychological health and healing.

PSY 401 Advanced Statistics (3) F, Sp, Su

Prerequisite: PSY 312 or SSC 302. Further study of quantitative methods including correlation, chi-square, contingency and analysis of variance. This course is designed for students who have completed a basic statistic course and desire a greater understanding of social science data and statistics commonly used in behavioral research. Emphasis will be placed on practical application of statistical theories and techniques applicable to social sciences, the use of statistical computer software, and the interpretation and production of statistical tables and charts.

PSY 402 Clinical Interview and Behavioral Assessment (3)F, Sp, Su

An introduction to approaches to counseling. The theoretical foundations and methodologies of the major clinical psychology theorists will be examined.

PSY 403 Psychology of Learning (3) F, Sp, Su

A study of the theories of learning, the course includes motivation of learning and experimental findings relative to animal and human learning and retention. Theories of Pavlov, Thorndike, Hull, Tolman, Guthrie, Skinner, and Hebb are introduced.

PSY 405 Assessment and Evaluation (3) F, Sp, Su

An introduction to the process of psychological testing. Topics will include basic test terminology, administration, interpretation, validity, reliability, ethics.

PSY 406 Social Psychology (3) F, Sp, Su

The study of the relationship of the individual to social systems. This course surveys the effects of physical, mental, and emotional growth and development on social interaction and social and cultural influences on behavior, attitude development, social conflict; group processes will be investigated. Major schools of social psychological perspective are also reviewed.

PSY 407 Psychology of the African American (3) F, Sp, Su

The primary focus of this course will be to examine the major psycho-cultural influences which have shaped the psychological lives and functioning of African Americans. Special attention will be given to examining the appropriateness of the Eurocentric psychological tradition in examining and describing the behavior and experience of African Americans.

PSY 408 PSY 410 Practicum I (3)/ (6) F, Sp, Su

This course provides institutional placement, composed of an on- site study of research practices, group treatment practices and psychotherapy for psychology majors. Authorization for placement must be obtained from the School/Department's practicum placement director. Registration and planning with the practicum director must be completed one semester prior to placement.

PSY 409 PSY 411 Practicum II (6) F, Sp, Su

The continuation of PSY 410 for psychology majors. Composed of on-site study, research practices, testing and analysis, and group treatment practices and psychotherapy.

PSY 451 Minority Mental Health (3) Sp

This course allows students to understand how a complex variety of social and psychological factors come together to shape mental health providers' ability to work with those who are culturally different. Some of the topics include cultural competence, racism, culture and ethnocentricity, ethnic children, parenting and families, ethnic mental health issues, and biases in the mental health service delivery.

PSY 452 Organizational Behavior (3) F, Su

This course is concerned with the psychology of individuals and how their behavior is influenced by others in the organization. A major emphasis will be placed on examining the basics of individual motivation, attitudes, and decision- making, to determine how these human tendencies may lead to productive and ethical actions.

PSY 453 Psychology and Law (3) F

The overall objective of this course is to introduce students to the emerging field of psychology and law. The course examines the assumptions about human behavior as well as the various psychological processes that underlie and influence the operation and functioning of the law. Students are introduced to the major topics, issues, theories and empirical studies that comprise this particular field of social scientific inquiry.

PSY 454 Theory & Practice of College Mentoring (3) F

This course explores historical and contemporary approaches to mentoring in academic and business environments and examines central theoretical and empirical paradigms. A major emphasis is placed on the development of student leadership and mentoring skills.

PUBLIC ADMINISTRATION**PAD 301 Concepts and Issues of Public Administration (3) Sp, Su**

An introductory study of the theory and practice of governmental administration in differing environments, the role of administrators in public policy, issues facing administrators, and techniques of administration.

PAD 302 Management of Urban Government (3) Sp, Su

A study of the problems of local government units in the urban environment. Emphasis is placed on the organization and function of local agencies.

PAD 303 Principles of Public Planning (3) F

A study of the basic concepts of community, regional, county and city planning. Consideration is given to master plans, including purpose, content, and method of implementation.

PAD 304 Public Personnel Administration (3) F, Su

An analysis of personnel problems with emphasis on supervision and management of public employees and public organizations in a period of change.

PAD 305 Florida Law and Public Governance (3) F

A study of Florida law governing the nature, regulation, and control of counties, charter cities, school districts and special districts. The creation, alteration, dissolution, legal actions by and against, powers and duties, the rights and liabilities of local governments are also studied.

PAD 306 Administrative Behavior (3) Sp, Su

A study of social, psychological and behavioral theories of organization. Consideration is given to the concepts of administrative leadership, the organization, and the individual with emphasis on governmental organizations.

PAD 401 Management of State Government (3) F

Prerequisites: POL 301 and PAD 301. A study of the administration and constitutional problems of state management in the American federal system. Emphasis is placed on the State of Florida.

READING

REA 101 Critical Thinking and Reading (3) F, Sp, Su

Prerequisite: Successful completion of DSR 099 or the required minimum score on the placement or diagnostic tests. This course develops and strengthens the critical thinking skills needed for reading college and professional materials, and will include bias and propaganda, fallacies, connotation/denotation, inductive/deductive reasoning, problem-solving, and inferential thinking. Students will read and discuss a wide range of materials taken from the various disciplines, and will complete projects which incorporate critical thinking abilities

RELIGION

REL 101 Intro to Religion (3) F, Sp, Su

This is an intensive reading and writing course surveying the practices and associated customs of the major recognized religions of the world, such as Judaism, Christianity, Hinduism and Islam.

REL 201 Introduction to Philosophy (3) F, Sp, Su

This is an intensive reading and writing course surveying Western philosophy and its major philosophers.

REL 202 Philosophy of Religion (3) F, Sp, Su

This course is designed to give students an incisive approach to understand the basic philosophy of religions concepts. Special emphasis is placed on fundamental concepts and ideas of ethics, epistemology, metaphysics, and aesthetics.

REL 204 History of the Hebrew People (3) Sp

This course is designed to give students an appreciation for the history of the ancient Hebrew people and the development of the Judaic faith. Cultural intermingling of the Hebrews with surrounding nations and its effect on the development of Hebrew social, political and religious perspectives of life will be emphasized.

REL 206 Old Testament Survey (3) F

A study of the history, literature, geography and theo- philosophical concepts presented in the Old Testament. The course deals with content, structure, dating, attitudes expressed at various stages, and a general overview of God's relationship to the Hebrew people.

REL 207 New Testament Survey (3) Sp

Introduction to the history, literature and theology of the New Testament. Attention will be given to the mission, ministry, and message of Jesus, the formation of the gospel tradition, the Jewish and Hellenistic background of the early church, the life and letters of Paul, other New Testament writings and the development of the canon.

REL 303 Elementary New Testament Greek I (3) F

Introduction to the elements of New Testament Greek, pronunciation and grammar, fundamentals of syntax, and acquisition of basic vocabulary.

REL 308 Elementary New Testament Greek II (3) Sp

Prerequisite: REL 303. This is a continuation of the fundamentals of Greek grammar. Attention is given to vocabulary and sentence structure. Rapid reading of Greek text.

REL 310 The Psalms (3) Sp

A study of the origin and liturgical use of selected Psalms with attention to their form and content. Their importance as a reflection of Israel's worship life and their poetic and religious value for our generation will be emphasized.

REL 313 Life and Letters of Paul (3) F

A study of the pre and post salvation life of Paul. Emphasis will be placed on his conversion, message, mission and ministry. His epistles will be surveyed briefly as they relate to various themes.

REL 314 Survey of Baptist Doctrine (3)

Analysis, interpretation, and critical appraisal of the beliefs commonly held among Baptists.

REL 322 Christian History (3) Sp

The growth and development of the early Christian church and its progress toward present times. The impact of secular movements on Christian thinking will be observed. The stability of the Christian church through changing times will be emphasized.

REL 323 History of the Baptists (3) F

The origin of the Baptist denomination on the European continent through its transmission to the Western hemisphere. Similarities and dissimilarities to other denominations will be pointed out. The course includes a basic understanding of its fundamental doctrines and beliefs. Recommended only for students in sympathy with sectarian emphasis.

REL 324 The Intertestamental Period (3) Sp

A brief survey of the political conditions of this period. The impact of foreign culture on Jewish theology, the rise of religious parties, and the writing of the books of the Apocrypha. Special attention will be given to the change or changes in Jewish theological concepts carried over into the New Testament.

REL 351 Pastoral Ministry (3) F

For ministerial students only. A study of principles and methods for the preparation and delivery of sermons, with pastoral visiting and counseling, the planning of church worship services and other special duties for pastors.

REL 353 Church Leadership (3) F

Designed for both ministers and religiously mature lay students wishing to equip themselves for effective church leadership. Students will be assigned responsibilities in their churches, visit other churches for observation and carry out assigned work under the joint supervision of church leaders and Religion and Philosophy staff.

REL 401 Christian Education (3) F

A study of the foundations and principles of Christian Education, with a view toward understanding the methods by which the Christian faith can be inculcated in the total life of the home and the church.

REL 402 8th and 7th Century Prophets (3) Sp

An examination of the function and importance of prophecy and poetry in Old Testament times, followed by a detailed study of the Biblical books in these classifications.

REL 405 Internship I (3) F, Sp, Su

A program of Internship in a church or agency where ministerial students and mature lay persons may learn how to operate within these systems.

REL 406 Internship II (3) F, Sp, Su

Continuation of REL 405. REL 408 Evangelism. A survey of evangelistic endeavors, including Christ, the Master Evangelist, early evangelism in Acts, and strategies for evangelism in contemporary society.

REL 409 Pastoral Counseling (3) F, Sp, Su

A survey of counseling in the ministry, including practice and process (the Biblical approach), problems and dangers, reliable resources and referral agencies.

REL 410 Homiletics (3) Sp

This course emphasizes the structure, preparation, and delivery of sermons with a view toward improving the presentation of the gospel message through the medium of preaching.

REL 420 Internship in Religious Education (3) F, Sp, Su

Prerequisite: REL 401. A program of research in Christian education practices in a local church. Open to students interested in Christian education. Students, supervisors and Religion and Philosophy faculty will work out a contract for this internship. Students' grades will be reported by supervisors prior to the end of the term.

REL 431 Biblical Ethics (3) F

This course uses the case study method approach to the ethics of the Bible; it will help students understand the variety of ethical approaches present in Old and New Testament scriptures as a prerequisite to all other ethics courses.

REL 432 Christian Ethics (3) Sp

Prerequisite: REL 431. An introduction to Christian ethical theology. Includes a study of historical and contemporary ethicists and special issues raised by them. This course will explore the subjects of personal choice, social concern and policies.

REL 434 Life of Christ (3) Sp

A comprehensive study of the life of Christ, including his teaching ministry, the miracles, parables and pithy sayings. Emphasis will be placed on his role as Messiah, Savior, and Lord.

REL 435 African American Religion (3) F

A comprehensive examination of the roots of the cultural and religious experience of African Americans in the American ethos. The course explores the African background, the slave experience, emancipation and the growth of cultural nationalism as these have contributed to American culture.

REL 463 Black Theology (3) F

An in-depth study of major black Christian thinkers in America, particularly the thought of James Cone and Martin Luther King, Jr. Also, attention will be given to other liberation theologies, e.g., third world, feminist, and womanist.

REL 473 and 474 Systematic Theology I & II

A systematic study of the principal theological doctrines of the Christian faith, doctrines of revelation, inspiration the triune nature of God, sin, election, redemption, and eschatology.

REL 495 Senior Project (3) Sp

A culminating activity in religion researched, written, and presented for publication.

THEATER

THE 181

THE 182

SAFETY AND SECURITY

AHS 301 Principles of Homeland Security (3) F, Su

This course will cover the factors involved with protecting our nation from terrorist threats/attacks. The student will explore mitigation, prevention, preparedness and other related national security concerns.

AHS 302 Transportation Security (3) Sp, Su

This course is a study of the federal, state and local organizations involved in border and coastal security, associated homeland security issues, the various policy and operational strategies used for border and coastal access and security, and contemporary border and coastal security concerns. Topics also include immigration and non-U.S. approaches to border and coastal security.

AHS 303 Contemporary Security Management (3) Sp

This course provides an overview of Contemporary Security Management. It serves as an indispensable working tool for Homeland Security students at all levels of experience and is designed to provide the hard facts on modern practices to run a security department efficiently and effectively. Vital topics covered include leadership in management, employee relations, risk management and mitigation, terrorism, information security, access control, investigations, substance abuse, workplace violence, and emergency management.

AHS 411 Disaster Recovery (3) F, Su

This course will detail the discipline of emergency management as it has developed over the past six decades, including the rapid evolution of the field since the turn of the century. It will bring the ideal combination of practical and experience to their presentation of disaster preparedness, mitigation, response, recovery and communications.

AHS 412 Homeland Security Law and Policy (3) F

This course will present a broad range of legal and policy issues that face our country as we grapple with the new reality of terrorism. The subject matter is very extensive, encompassing the entire range of activities in the American economy and government; to include the Federal Emergency Management Agency (FEMA), Department of Homeland Security (DHS), and the Department of Defense (DOD).

AHS 413 Terrorism & Homeland Security (3) Sp

This course is a comprehensive overview of terrorism, public and private sector counterterrorism, and “all hazards” emergency management. It presents national, state, and local perspectives and up-to-date information, including the reorganization of the Department of Homeland Security, the renewed Patriot Act, and intelligence reform.

AHS 414 Total Security Management (3) Sp, Su

This course will cover the business practice of developing and implementing comprehensive risk management and security best practices for a firm’s entire value chain. It will include an evaluation of suppliers, distribution

channels, and internal policies and procedures in terms of preparedness for disruptive events such as terrorism, political upheaval, natural disasters, and accidents.

AHS 415 Maritime Security (3) F, Su

This course provides a thorough introduction to the topic of maritime security, as seen through the eyes of practitioners who have decades of on- the- ground experience-based knowledge in seaport security, vessel security, and commercial maritime transport. It will also detail the fundamentals of commercial shipping and how the business functions.

SAF 101 Introduction to Occupational Health & Safety (3)F, SP

Introduces the student to the field of safety and covers basic health, safety, and regulatory issues that apply to aviation and non- aviation business in the United States. Included is a comprehensive health and safety overview of legislative development and enactment of appropriate statutes, regulations and laws. Additional topics include safety data statistics, safety culture and practices of the field of safety.

SAF 245 Industrial Safety & Health Management (3) SP

Binds together the traditional examination of time-tested concepts and techniques of safety and health management with a modern perspective on compliance with mandatory standards for workplace safety and health. Will add reason, explanation, and illustration of the hazard mechanisms that form the underlying basis for the volumes of detailed standards for workplace safety and health.

SAF 241 Safety and Security of Aviation Ground Operations (3) F

Discusses general aviation airport ground operations, particularly from the pilot and ramp worker's perspective. Focus will be on increasing awareness of airport operations and improving airport safety by creating an enhanced awareness of rules, policies, procedures, and potential hazards that affect the safety and security of aircraft, crew, passengers, and others within the airport ground environment.

SOCIAL SCIENCES

SSC 101 Contemporary Society I (3) F, Sp, Su

This is an intensive reading course. The course covers the basic concepts of culture, individual and group interaction, social stratification, socialization, primary groups and associations, and a study of the methods, techniques, and findings of sociology, psychology and anthropology as they are combined to reveal humans in their cultural environment.

SSC 102 Contemporary Society II (3) F, Sp, Su

This is an intensive reading course. This course covers the evolution of social, political and economic institutions. Consideration is given to the scarcity of resources and the struggle for power.

SSC 200 Cultural Anthropology (3) F, Sp, Su

This course covers the comparative study of cultures, with emphasis on kinship, economic and political organizations and cultural change.

SSC 300 Research Methods (3) F, Sp, Su

This course provides an overview of various research methods used in sociology, political science, public administration, criminal justice, and other areas of social and behavioral science. Emphasis is placed on the logic of social inquiry, problems of research design and execution, and qualitative and quantitative analyses. Students will be guided through a research proposal that may be used in the development of their senior project.

SSC 302 Introduction to Statistics (3) F, Sp, Su

Prerequisite: Successful Completion of MAT 110 or a higher-level math course. This course is designed to introduce students to the basic concepts of descriptive and inferential statistics, and to build a groundwork for better understanding social science data and statistics commonly used in social research. Emphasis will be placed on practical application of statistical theories and techniques to social science data, the use of statistical computer software, and the interpretation and production of statistical tables and charts. Measures of central tendency and dispersion, probability, tests of significance, and correlation are covered.

SSC 304/CUL 304 Cultures and Film (3) F, Sp

This course will view independently and commercially made films. The analytical perspective is sociocultural. Focus will be placed on African, Latin American, Asian and Francophone film productions dealing with issues of class, religion, and gender.

SSC 320 Cooperative Education (6) F, Sp, Su

Approval of the dean/department chair and the director of cooperative education is required. This course allows students to undertake employment related to the major in order to obtain practical experience and financial compensation. This course can be taken by any student with a major in Social Sciences who has completed the junior year of study.

SSC 321 Cooperative Education (6) F, Sp, Su

Approval of the dean/department chair and the director of cooperative education is required. This course allows students to undertake employment related to the major in order to obtain practical experience and financial compensation. This course can be taken by any student with a major in Social Sciences who has completed the junior year of study.

SSC 400 African American Women in American Society (3) Sp, Su

An examination of historical and contemporary roles of African American women in society. The course includes study of socio-political and psychological forces affecting African American women.

SSC 403 Afro-Brazilian Society (3)

This course is designed to provide students with a general understanding of twentieth century Afro-Brazilian society. By the conclusion of the course, students should be able to discuss, in both oral and written form, the major points, concepts, key theories, and issues in history, religion, sociology, politics and economics concerning Afro-Brazilian society and culture.

SSC 404 Selected Topics in Social Science (3) F, Su

An opportunity for interdisciplinary study in the social sciences as well as special topics of current relevance in the various social science disciplines.

SSC 405 Contemporary Social Change (3) Sp, Su

Prerequisite: SSC 300. An analysis of the dynamic basis of American social change, dealing with perspectives on American culture from a point of view that analyzes the American myth of western cultural supremacy. Cultural nationalism, with special emphasis on Black cultural life, will be the core consideration in the course. Reading will be extensive. Students will participate in and monitor projects and seminars that bear on the course of study. It is an advanced course of study for upper-level students committed to intensive reflections on nationalism and social change in American life.

SSC 406 Advanced Statistics (3) F, Sp, Su

Prerequisite: PSY 312 or SSC 302. Further study of quantitative methods including correlation, chi-square, contingency and analysis of variance. This course is designed for students who have completed a basic statistic

course and desire a greater understanding of social science data and statistics commonly used in behavioral research. Emphasis will be placed on practical application of statistical theories and techniques applicable to social sciences, the use of statistical computer software, and the interpretation and production of statistical tables and charts.

SSC 419/421 Field Placement I (6) F, Sp, Su

Prerequisites: Senior Status. Advisor's approval. Learning through authorized, supervised work experience in the students' area of study. Student placement at appropriate, area- related work sites are conducted by.

SSC 420/422 Field Placement II (6) F, Sp, Su

Prerequisite: SSC 421. A continuation of Field Placement I. Learning through authorized, supervised work experience in the student's area of study. Student placement must be authorized by the Department's field placement director, one semester before placement.

SSC 423 Senior Project (3) F, Sp, Su

Prerequisites: SSC 300 and Senior Status. A culminating course for seniors in the social sciences. Seniors are required to demonstrate an understanding of their field by developing and presenting an in-depth study in their major. The topic investigated must be submitted to and approved by the advisor and instructor.

SSS 102 Thinking Critically about Social Science (2) Sp

This is a foundation course designed to introduce and acclimatize new students to the Department of Social Sciences. Social scientists apply systematic and scientific methods to the study of how societies and individuals operate and interact. Specifically, this course aims to introduce perspectives on human behavior, analysis of theory, historical analysis, politics, research methods, culture, society, personality, the socialization process, and social institutions. The goal of this course is to present major approaches, such as analysis, propositions, and current ways of explaining social activity; gain a deeper insight into one's and others worldview and perspectives and become a contemplative and critical thinker. The course will also prepare and equip students with the necessary intellectual, analytical, and communication skills that would enable them to successfully make it through college. Moreover, the course also provides avenues for students to gain skills in career development, research, mentorship, advisement and networking.

SOCIAL WORK

SOW 300 Introduction to Social Work (3) F, Sp

The purpose of this course is to provide students with an historical and philosophical foundation for social work practice. Emphasis will be placed on introducing the ethical concepts and values of the social work profession as well as the processes and interventions that take place in micro and macro level social work practice.

SOW 301 Human Behavior and Dynamics (3) F, Sp

Prerequisite or Co-requisite: SOW 300. This course examines the life course of human development within the context of social, cultural, psychological, and biological factors. Human behavior theories that focus on a life course perspective and integrate an ecosystems framework are studied. The influence of race, ethnicity, culture, gender, and socioeconomic variables on human development and behavior is examined. Person-in-environment transactions as a basis for understanding human behavior, and for social work practice are explored.

SOW 302 Human Behavior and the Social Environment (3) Sp

Prerequisite: SOW 301 or permission of instructor. This course prepares students for generalist social work practice through the acquisition of knowledge, theories, and concepts about human behavior in interaction with the social environment. The course integrates knowledge culled from empirically based sociological, psychological, and other social science theories as well as natural science theories.

SOW 303 Social Work Research Methods (3) Sp

Prerequisite or Co-requisite: PSY 312/SSC 302, or permission of instructor. In this course, students are introduced to the logic and tools of the scientific method and to both qualitative and quantitative research designs. Students study the role that research plays in the design and assessment of social welfare policies and generalist social work practice. Emphasis is placed on the acquisition of the knowledge and skills needed to critique, interpret, and apply research findings. The central role of research with populations-at-risk and efforts to promote social and economic justice is examined as well as sensitivity to cultural diversity in research designs and methods. Students will examine methods of evaluating social work practice at the micro, meso, and macro levels in varied settings.

SOW 402 Social Work as a Profession (3) F, Su

Survey of the field of social work including casework, group work, community organization, research, and administration. Case material is used to illustrate certain concepts and methods.

SOW 405 Social Policy (3) F

Prerequisite: SOW 300; Prerequisite or Co-requisite: POL 301. The course examines the policymaking process with attention to the structure of power and decision-making at the national, state and local levels of government. The course compares the structure and interests of the public and private sector. Models for policy formulation and analysis are critiqued as well as the functions and methods of policy practice. Students explore the background and development of social services in relation to economic, policy and social change. The history of social welfare services in diverse communities in the United States and other countries is examined. The course provides an analysis of the delivery of social services with attention directed to the development of social welfare policies and programs. Field work is utilized to examine social welfare history in local communities.

SOW 408 Social Work Writing Techniques (1) Sp

Prerequisite: SOW 301; Co-requisite: SOW 409. This course focuses on the recording activities and relevant writing skills utilized in generalist social work practice. Students focus on applying knowledge culled from social work practice coursework and composing commonly used written venues employed by social workers.

SOW 409 Social Work Practice I (3) Sp

Prerequisite: SOW 301; Co-requisite: SOW 408. This course introduces students to entry-level generalist social work practice, with a focus on micro and meso level interventions. A broad range of theories and the accompanying intervention strategies employed by social workers are examined. Students focus on developing generalist practice skills, with an emphasis on practice with individuals, groups, and families.

SOW 410 Social Work Practice II (3) F

Prerequisite: SOW 408 and SOW 409. This course introduces students to macro-level generalist social work practice. This course engages the student in an examination of a broad range of theories that promote an understanding of organizations such as the courts and social service agencies, and communities. The role of the social worker in these settings is studied. Emphasis is placed on assisting students in the development of

generalist practice skills that foster effective service delivery systems, and prompt organizational change and community/neighborhood development, when needed.

SOW 411 Social Work Field Practicum and Seminar I (6) F

Prerequisites: SOW 302, SOW 303, SOW 409. During this course, students are provided with structured, supervised, field-based learning opportunities, practicing primarily with individuals, families, and groups. Students complete 200 hours of field work and attend a weekly field seminar. The focus of this course is micro-level generalist social work practice. The field setting provides practice opportunities with individuals, families and small groups, supervisory sessions with the agency-based field instructor, activities that involve collaboration with colleagues, and attendance at case staffing, staff meetings, and in-service activities. Students are required to adhere to a weekly work schedule, which may limit the amount of time off for intersession. This course is taken concurrently with SOW 410. Social Work Practice II.

SOW 412 Social Work Field Practicum and Seminar II (6) Sp

Prerequisite: SOW 405, SOW 409, SOW 411. During this course, students are provided with structured, supervised, field-based learning opportunities, with expanded opportunities to conduct macro-level practice with large groups, organizations and communities. Students complete 200 hours of field work and attend a weekly field seminar. The focus of this course is macro-level generalist social work practice. Students are expected to continue a moderate amount of practice with individuals, families and small groups, while engaging in practice with macro-level client systems including community groups and organizations. The weekly schedule continues to incorporate sessions with the agency-based field instructor and collaborative activities with colleagues with a focus on understanding the interdependence of organizational, community systems, and social policies. Students are required to adhere to a work schedule, which precludes time off for spring break.

SOW 413 Senior Project in Social Work (3) F

Prerequisites: SOW 302, SOW 303, SOW 409. This is a course for seniors majoring in social work. Seniors are required to demonstrate an understanding of the contribution of research to the social work field by conducting a single subject study or a case study. The course enables students to integrate and apply learning from previous social work courses and apply scientific reasoning to address an aspect of social work practice. This course prepares students for effective social work practice and graduate studies.

SOW414 - Social Practice III (3) Sp

This course is for seniors majoring in social work and is taken concurrent with SOW 412. Social Work Field Practicum and Seminar II. This course serves as one of two capstone courses in which students must demonstrate professional competency in the skills, knowledge, and values necessary for baccalaureate-level generalist social work practice. Individual and group oral and written assignments allow students to demonstrate competency in working with a range of diverse micro, mezzo, and macro-level client systems. Students are required to integrate and apply theory-based and research-informed knowledge and skills needed for effective social work practice with individuals, families, groups, organizations, and communities. Intervention concerns explored include addressing elder abuse and working with youth from diverse backgrounds.

SOW415 - Intro to Child Welfare Policy (3) F

Prerequisites: SOW 300 and permission from advisor. This course is designed to provide a framework of knowledge, values, and skills necessary to work with maltreated children and their families. It also serves to introduce students to the field of Child Welfare (CW). The course includes the Federal and State mandates, relevant ethical concerns and values, and an overview of Child Protective Services including adoption, foster care, permanency planning, and family preservation services. Students will learn skills in engagement, assessment, and intervention with children and families. Emphasis will be placed on the knowledge and use of evidence to inform practice, and the creation of Child Safety Plans based on the Safety Decision Making method.

SOW416 - Child Abuse and Neglect (3) SP

Prerequisites: SOW 415 and permission from advisor. Students majoring in social work learn about the theoretical foundations, practice skills and ethical principles of generalist social work practice. Students study the causes of individual, family and community problems and strategies that have been found to be effective means of preventing and responding to these problems. Students graduating with a degree in social work are qualified to pursue graduate education in social work or a related field, or seek employment with social services, child welfare, criminal justice, mental health, substance abuse, and domestic violence programs, as well as in schools, nursing homes, hospitals, and other human services settings.

SOCIOLOGY

SOC 200 Introduction to Sociology (3) F, Sp, Su

A study of man in social relationships. A study of the nature, concepts and principles of sociology, society, culture, socialization, groups, institutions and organizations; class systems; social change and social processes.

SOC 303 Social Problems (3) F

A study of the nature, extent, causes and consequences of major social problems which relate to social disorganization and pathology in American communities today. Analysis of attempts to alleviate such problems is included.

SOC 304 Social Psychology (3) F, Sp, Su

The study of the relationship of the individual to social systems. This course surveys the effects of physical, mental, and emotional growth and development on social interaction. Social and cultural influences on behavior, attitude development, social conflict, and group processes will be investigated. Major schools of social psychological perspective are also reviewed.

SOC 305 Group Dynamics (3) F, Sp, Su

This course focuses on the study of group interaction patterns and the role individuals play in group interaction. The course combines both theory and practice. Special attention is given to perception, communication, leadership and observation in a group setting. Other issues discussed include group goal setting, problem solving and decision-making. Students also talk about the ethical and professional issues of group therapy as well as review effective group counseling methods and techniques. Finally, issues of culture, gender, ethnicity, race and class are discussed in relation to group dynamics on European developments.

SOC 306 Urban Social Movements (3) F, Su

This course examines different forms of collective behavior. Special emphasis is given to social movements as a form of collective behavior and as a response to social problems, values, disorganization, and deviance.

SOC 307 Community Organization (3) F, Sp, Su

The evolution of community organizations, their structure, functions and practices. Emphasis is placed on the creation of community organizations and techniques of community organizations to meet social problems.

SOC 308 Urban Sociology (3) F, Sp, Su

Study of nature causes and consequences of urbanization, the origin and development of the city, social and demographic characteristics of urban population, ecological processes, organization, functions and problems of urban communities, such as transportation, housing, homelessness.

SOC 309 Sociology of Deviance (3) F, Su

This course presents an examination of the definition and nature of deviance and its function in social settings, the various forms of deviance and the historical and contemporary definition of deviance.

SOC 400 Independent Study (3) F, Sp, Su

This course provides independent research of specific areas with direction and supervision of a sociology instructor.

SOC 402 Racial and Cultural Groups (3) F, Su

An analysis of intra-group and inter-group relations from the standpoint of contemporary sociology, anthropology, and social psychology. Major theoretical developments and research problems in the field of race relations are included. The nature and types of racial and cultural groups, causes and consequences of prejudice and discrimination, democratic values and scientific facts, and approaches to resolving inter-group problems are emphasized.

SOC 403 Marriage and Family (3) Sp, Su

A study of marriage and family as a social institution subject to the impact of biological, psychological, socio-cultural and religious- ethnic forces. Special emphasis is placed on the African American family in America.

SOC 404 Seminar in Social Theory (3) Sp

A survey of the major social theories and their relationship to social research. Theories included are those of Marx, Durkheim, Park, Sumner, Cooley, Mead, Veblen, Johnson, Frazier, Weber, Parsons and others.

SOC 405 Survey Research (3) F, Su, Su

Prerequisite: SSC 300. This course provides an opportunity for exploring and utilizing survey research techniques. Opinion polls, telephone surveys, mail questionnaires, panel studies and others are investigated.

SOC 406 Contemporary Black America (3) F, Sp, Su

This is an intensive reading course which examines historical, social, political, and economic factors affecting those of African descent living in America today. This course focuses on African Americans, Africans, South Americans, and individuals from the Caribbean islands in America.

SOC 408 African American Women in American Society (3)F, Sp

This is an intensive reading and writing course, which traces the historical, social, and political roles and perspectives of African American women.

SOC 421 Field Placement I (3) F, Sp, Su

Supervised on-site learning experiences. Student placement at appropriate sites is conducted by the field placement director. Regular seminars are held to discuss agency experiences and to provide feedback. Authorization for placement must be obtained from the field placement director one semester before placement. Registration and planning with the field placement director must be completed one semester prior to placement.

SOC 422 Field Placement II (3) F, Sp, Su

Prerequisite: SOC 421. A continuation of Field Placement I. The students learn through authorized, supervised work experience in sociology. Student placement in appropriate agencies or organizations is conducted by the School/Department's field placement director.

SOC 431 Seminar in Drug Abuse (3) F, Su

An introduction to the field of substance abuse and drug abuse counseling. Students study types of drugs, classification of drugs, the effects of drugs, drug abuse, and counseling modalities. Students identify local, state and national resource persons in the area of substance abuse.

SOC 450 Sociology of Religion (3) Sp, Su

Permission of chairperson required. Emphasis is given to the sociological foundation and development of major denominations, the Black church, and cults. The course is offered to majors in Social Science and Religion and Philosophy.

SPANISH

SPA 201 Elementary Spanish I (3) F, Sp, Su

Prerequisite: Successful completion of ENG 101. This course and its sequel, SPA 202, constitute the basic sequence in Spanish. Emphasis is on the development of competence in the language. NOT open to native or heritage speakers of Spanish.

SPA 202 Elementary Spanish II (3) F, Sp, Su

Prerequisite: Successful completion of SPA 201. This course completes the sequence in the Spanish language core requirement. It prepares students for advanced course work in Spanish if desired. NOT open to native or heritage speakers of Spanish.

SPA 301 Intermediate Spanish I (3) F, Sp, Su

Prerequisite: SPA 202. This course is a continuation of Spanish 202 stressing improved fluency in spoken and written Spanish as well as reviewing and developing a greater understanding of the structure of the Spanish language. It includes an emphasis on Hispanic culture. NOT open to native speakers of Spanish (See FM Language Requirement).

SPA 302 Intermediate Spanish II (3) Sp, Su

Prerequisite: SPA 301. This course is a continuation of SPA 301 designed to improve fluency in spoken and written Spanish as well as to review and develop a greater understanding of the structure of the Spanish language. It includes an emphasis on Hispanic culture. NOT open to native speakers of Spanish (See FM Language Requirement).

SPA 308 Advanced Spanish Composition (3)F

Prerequisite: SPA 302 or permission of instructor. A further review of Spanish grammar and its application in written exercises, focusing on personal, journalistic, and academic topics.

SPA 311 Advanced Spanish Grammar (3) Sp

Prerequisite: SPA 302 or 324. A further review of Spanish grammar and its application in written exercises focusing on personal, journalistic, and academic topics.

SPA 312 Peninsular Culture and Civilization (3) F

Prerequisite: SPA 302 or 312 or 324. A survey of the most important aspects of Peninsular (European) Spanish culture, including geography, history, folklore, and social customs of the people of Spain.

SPA 313 Hispano-American Culture and Civilization (3) Sp

Prerequisite: SPA 302 or 312 or 324. A survey of the most important aspects of Hispano-American culture, including geography, history, folklore, and social customs of the people of the former colonies of Spain.

SPA 314 Survey of Peninsular Spanish Literature (3) F

Prerequisite: SPA 302 or 324. A survey of representative examples of the most important literary works of Spain from El Cid through the 20th century.

SPA 315 Survey of Hispano-American Literature (3) Sp

Prerequisite: SPA 302 or 324. A survey of representative examples of the most important literary works of Hispano- America.

SPA 309 Business Spanish (3) Sp

Prerequisite: SPA 302 or 312. Concentrated practice in the vocabulary and style of commercial correspondence and other business documents as used in present day Spain and Hispano- America. This course is designed to improve skills in Spanish for native speakers and others desiring to improve professional communication in the world of commerce.

SPA 319 Advanced Spanish Reading and Conversation (3) F

Prerequisite: Successful completion of ENG 101. Concentrated practice in speaking skills at the advanced level. This course requires intensive reading, conversation and oral presentations in Spanish. Designed primarily for future teachers. Open ONLY to native speakers or students with near native fluency.

SPA 323 Spanish for Heritage Speakers I (3) F

Pre-requisite: Successful completion of ENG 101. This course is designed for heritage Spanish speakers who understand the language but may struggle with speaking, reading, or writing in its standard form. Instruction emphasizes the development of basic to intermediate skills in speaking, writing, and reading within a formal setting, while also covering key aspects of Spanish grammar and cultural competence. The course is tailored to meet the unique linguistic needs of heritage speakers and is not open to second/foreign language learners or native speakers of Spanish (see FM Language Requirement).

SPA 324 Spanish for Heritage Speakers II (3) Sp

Pre-requisite: Successful completion of ENG 101 and SPA 323. This course is a direct continuation of SPA 323 for heritage Spanish speakers ready to progress from intermediate to advanced work. It strengthens advanced speaking, reading, and writing in the standard variety, addresses more complex grammar, and deepens cultural competence through sustained practice and analysis. The course is tailored to the needs of heritage speakers and is not open to second/foreign language learners or native speakers of Spanish (see FM Language Requirement).

SPA 370 Spanish Study Abroad (3-6) Su

This course offers a total immersion in Spanish language and culture through basic conversations, readings, and written work. It focuses on fundamental grammar and on the culture and folklore of the host country. School/ Department approval required.

SPA 371 Intermediate Spanish Study Abroad (3-6) Su

Prerequisite: SPA 202 or equivalent. This course offers a total immersion in Spanish language and culture through intermediate level conversations, readings, and writings. It focuses on intermediate level writing and grammar. Class discussions will cover contemporary Hispanic cultural issues as well as the history and folklore of the host country. School/Department approval required.

SPA 401 The Hispanic Novel (3) F

A survey of the Novel in Spain and Hispano-America. The instructor will specify periods and authors.

SPA 403 El Siglo de Oro (3) Sp

Prerequisite: SPA 302 or 324. A survey of the major works of Golden Age of Spanish literature (c. 1520-1650) with particular emphasis on the works of Fray Luis de León, Lope de Vega, Luis de Góngora, Francisco de Quevedo and Pedro Calderón de la Barca.

SPA 407 Cervantes (3) F

Prerequisite: SPA 302 or 324. An examination of the major works of Miguel de Cervantes Saavedra with special attention to El Quijote and its influence on the development of the modern novel.

THEATRE

THE 181 Theater Ensemble I (3) F

Practical experience in theater production, including design, casting, directing, lighting, technical support and public performance, under faculty supervision.

THE 182 Theater Ensemble II (3) Sp Continuation of THE 181.

THE 311 - Acting I (3)

Fundamentals of stage performance, stressing voice production, movement and formal and technical aspects of the actor's art.

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Dr. Donnie Hale, Associate Dean, Graduate Programs

Capt. Dr. Yograj Raghunauth, Director of Aviation and Chief Flight Instructor

Ms. Cheryl Wilcher, Director of Library Services

Faculty

First Name	Last Name	Rank/Title
Jayanta	Das	Assistant Professor of Biology
Johan	Gonzalez	Assistant Professor of Chemistry
Ayivi	Huisso	Associate Professor of Physics
Marilyn	Sherman	Associate Professor of Biology
Rose Mary	Stiffin	Professor of Chemistry
Donrie	Purcell	Healthcare Instructor
Ashley	Vann	Assistant Professor of Healthcare
Mingyu	Zhang	Assistant Professor of Information Systems
Nicolas	Diogo	Assistant Professor of Information Systems
Amalya	Mihnea	Assistant Professor of Computer Science
Enas	Albataineh	Assistant Professor of Computer Science
Hao	Zhu	Assistant Professor of Computer Science
Jackson	Delicieux	Instructor of Mathematics
Sheriffe	Delmar	Instructor of Mathematics
Gary	Alexander	Instructor of Mathematics
Maky	Manchola	Instructor of Mathematics
Argarita	Johnson-Palavicini	Assistant Professor of Music
Deborah	Gomez	Assistant Professor of Spanish
Rochelle	Fredrick	Instructor of Music Production
Nathaniel	Holmes	Associate Professor of Religion & Philosophy
Randy	James	Associate Professor of English
William	Jong-Ebot	Associate Professor of Communication
Daniela	Jean	Instructor of Communication
Robert	Strain	Assistant Professor of Communication
Bashak	Tarkan-Blanco	Assistant Professor of English
Horlring	Velcy	Instructor of English
Simon	Villareal	Instructor of Music Production
Denise	Callwood-Brathwaite	Professor of Exceptional Student Education
Annamaria	Jerome-Raja	Associate Professor of Exceptional Student Education
Brittany	Lee-Wright	Assistant Professor of Reading
Suzanne	Brooks	Assistant Professor of Reading
Patraillia	Davis Bryant	Instructor of History
Erik	Cruz	Assistant Professor of Criminal Justice
Janice	Brown-Wharwood	Assistant Professor of Social Work
Melissa	Presser	Assistant Professor of Criminal Justice
Olga	Vega	Assistant Professor of Criminal Justice
Edward	Stephenson	Associate Professor of Psychology

First Name	Last Name	Rank/Title
Eshagh	Sheniyilagh	Assistant Professor of Psychology
Venise	Predestin-Carrier	Assistant Professor of Psychology
Ebony	McNichols	Instructor of Social Work
Max	Orezzoli	Associate Professor of Sociology & Psychology
Javeria	Farooqi	Associate Professor of Finance
Rosalee	Payne	Associate Professor of Business
Kimberly	Pellegrino	Associate Professor of Management
Yaron	Zoller	Associate Professor of Management
Amy	Handlin	Associate Professor of Marketing
Franklin	Coronado	Instructor of Aviation and Safety
Sebastian	Barrientos	Visiting Instructor of Aviation
Yograj	Raghunauth	Chief Flight Instructor