



2022-2023 Undergraduate Academic Catalog Addendum

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College of Arts and Sciences

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The programs below were approved by the Alabama Commission on Higher Education following the publication of the 2022-23 Undergraduate Academic Catalog. Please refer to the 2022-23 College of Arts and Sciences catalog section for additional degree and certificate options, or the 2022-23 Minors catalog section for minor options.

Program Name	Degree(s) Available	Minor Available	Certificate Available
Bioinformatics Research			Yes
Biology	BS	Yes	
Biology Major: Cellular and Developmental Option	BS		
Biology Major: Ecology and Organismal Option	BS		
Homeland and Corporate Security	BS		
Pre-Health			Yes
Professional and Technical Writing			Yes
Public Health	BS	Yes	
Public Safety and Health Administration	Major Ended Effective Spring 2023		

The current listings of [Faculty and Staff in the College of Art and Sciences](#) and [Faculty and Staff in the University Library](#) can be found on the Athens State University website.

College of Arts and Sciences – General Information

Programs in the College of Arts and Sciences prepare students for careers or for continuing education in graduate or professional school. Our mission in the College of Arts and Sciences is to assist students in developing:

- Competencies in written and oral communication;
- Appreciation of their cultural heritage and understanding of their world;
- A knowledge base conducive to self-growth and enriched life experiences; and,
- Fundamental knowledge, research skills, and computer literacy essential to lifelong learning.

Programs in the College of Arts and Sciences support the mission of Athens State by empowering students “to make valuable contributions in their professional, civic, educational, and economic endeavors.”

The Department of Behavioral Sciences offers courses in seven areas of study: Behavioral Science, Psychology, Sociology, Criminal Justice, Health Science, Health & Wellness Management, Homeland & Corporate Security, and Public Safety and Health Administration. Programs in the Department employ an interdisciplinary approach aimed at developing a strong academic background to prepare students for employment in the areas of health, criminal justice, mental health, social work, counseling, substance abuse, sociology, and psychology. In addition, the programs prepare students for graduate or professional studies. Programs in Behavioral Sciences help students develop: (1) a knowledge base in psychology, sociology, criminal justice, or health fields; (2) scientific inquiry skills; (3) a sense of ethical and social responsibility in a diverse world; (4) communication skills; and (5) professional skills and goals.

The Department of Humanities and Social Sciences offers courses in four areas of study: English, History, Religion, and Social Science. Programs in the Department help students develop a strong academic background in preparation for careers, graduate or professional programs, or certification as secondary education teachers. Department programs: (1) enhance the student’s understanding of the world, society, and community through a broad knowledge base in the humanities and social sciences; (2) foster respect and appreciation for diversity of people and opinions; (3) cultivate life-long learning through proficient use of technology and information; and (4) develop critical thinking, analytical, and communication skills. Students pursuing teaching certification or licensure will complete additional requirements from the College of Education.

The Department of Fine and Performing Arts offers courses in three areas of study: Art, Drama and Theatre Arts, and Music. Programs in the Department emphasize individual commitment to creating art and provide students with the opportunity to shape the future of the art community, emphasizing the importance of art in society. Graduates of the program find themselves with a deepened artistic appreciation, knowledge-base, and skill-set that will allow them to pursue a graduate school education and/or that will enhance career opportunities. Department programs: (1) enhance the student’s understanding of the world, society, and community through broad knowledge in fine and/or performing arts; (2) foster respect and appreciation for a diversity of people and opinions; (3) develop critical thinking, analytical, and communication skills; and (4) instill strong ethical standards.

The Department of Mathematical, Computer and Natural Sciences is committed to providing students with a strong academic background within the context of an increasingly technology-driven society. The mathematics, computer science, and information technology programs allow students the flexibility to explore a wide range of applied and theoretical areas of mathematics, computing, and logic suitable for diverse employment environments in business, industry, and government, or for further studies. The curriculum is designed to include an interdisciplinary approach where students can combine mathematics, information technology, and/or computer science courses with other disciplines, as well as gain certification for teaching mathematics at the secondary school level. The mathematics, information technology, and computer science programs: (1) enhance the student’s knowledge of mathematics and computer science; (2) cultivate analytical and problem-solving skills; (3) instill an appreciation for ethical principles to face the challenges posed by the development and uses of new technology and advanced scientific inquiry; and (4) develop critical thinking, analytical, and communication skills.

The natural science programs include biology and chemistry. The biology and chemistry programs employ an interdisciplinary approach to the natural sciences, providing a comprehensive science education background obtained through rigorous coursework, laboratories, and field experiences. Structured to prepare students for career opportunities in science, government, industry, and education or for pursuing graduate studies, the natural sciences: (1) enhance the student’s knowledge of the fundamental principles of biology, chemistry, and related life sciences and their interrelationships; (2) cultivate analytical and problem solving skills through the active teaching of the scientific method; (3) instill an appreciation for ethical principles in the conduct of scientific inquiry and use of new technology; and (4) develop critical thinking, analytical, and communication skills. Students pursuing secondary teaching licensure in mathematics, biology or chemistry will complete additional requirements mandated by the College of Education.

Majors leading to a Bachelor of Arts degree are offered in the disciplines of Art, Drama & Theatre Arts, English, English/Language Arts, History, Psychology, Religious Studies, and Sociology. Majors leading to a Bachelor of Science degree are offered in the disciplines of Biology, Chemistry, Computer Science, Criminal Justice, Health and Wellness Management, Information Technology, Mathematics, Psychology, and Sociology. The disciplines of Psychology and Sociology sponsor an interdisciplinary major in Behavioral Science leading to a Bachelor of Science degree. The College of Arts and Sciences, in cooperation with the College of Education, offers majors with a minor in Education in Biology, Chemistry, English/Language Arts, History, Mathematics, and Social Science for those students who are interested in

teaching grades 6-12. Completion of these programs will lead to Class B Certification in middle and high school education. Completion of the Bachelor of Arts Art Major with a minor in Education will lead to Class B Certification in grades P-12. In cooperation with the College of Business and the College of Education, the College sponsors interdisciplinary majors in Health Science and Public Safety and Health Administration leading to the Bachelor of Science degree.

Certain College of Arts and Sciences curricula require courses to be completed in a particular sequence. Therefore, it is important that Arts and Sciences students meet with their Faculty Advisor, as assigned by the Transfer Student Success Center Counselor for the College of Arts and Sciences, as soon as possible. It must be noted, however, that the student bears individual responsibility to schedule and complete all requirements for the degree and a particular program of study. To fit a specific student's need, a special program of study may be devised which varies from published requirements. However, under no circumstances are alterations to a particular curriculum permitted without prior approval of the student's faculty advisor and completion of a Curriculum Adjustment Form.

Distance Education

The College of Arts and Sciences offers online degree programs in the following majors: Religion, Psychology, and Individualized Degree Program. All coursework for these majors may be completed via distance learning. For additional information on distance education, refer to the Academic Policies section in the Introduction and General Information portion of the catalog or the University website.

Interdisciplinary Programs

Pre-Law Program

Many Athens State University students express an interest in attending law school after graduation. Athens State graduates have attended law school at The University of Alabama, The Cumberland School of Law at Samford University, The University of Tennessee, The University of Florida, George Washington University, Memphis State University, and Southern Illinois University.

To be admitted to an accredited law school, students typically must have a bachelor's degree, an acceptable score on the Law School Admission Test (LSAT), and certain GPA requirements. Although no law school requires a specific major, the American Bar Association recommends degrees in English and history as preparation for law school.

Pre-Health Programs

Students interested in pre-health programs should contact the chief Pre-Health programs advisor, Dr. Sara Cline (sara.cline@athens.edu). Pre-health programs include:

Pre-medicine (osteopathic and allopathic)	Pre-veterinary	Pre-podiatry
Pre-dentistry	Pre-pharmacy	Pre-naturopathic
Pre-optometry	Pre-chiropractic	Pre-physician assistant
Pre-occupational therapy	Pre-physical therapy	

Students receive guidance in planning individual academic programs that will help prepare them for graduate programs in health and medicine. Though many students pursue biology or chemistry degrees, medical schools generally do not require or recommend any particular field of study as long as the following courses are completed:

- English composition and literature(12 hours)
- General chemistry with laboratory (8 hours)
- Organic chemistry with laboratory (8 hours)
- Biochemistry (recommended) (3 hours)
- General biology with laboratory (8 hours)
- General physics with laboratory (8 hours)
- Mathematics (calculus recommended) (6 hours)
- Additional biology electives (recommended): genetics, embryology, cell biology, and physiology

Degree Programs in the College of Arts and Sciences

General University Requirements for Graduation

Every student planning on completing an undergraduate degree/major program at Athens State University must satisfy all University requirements and meet all financial obligations before a degree is awarded.

To be eligible to receive an undergraduate degree, a student must:

- Complete a minimum of 124 semester hours with at least 25 percent of the degree requirements earned at Athens State University.
- Complete all of the general education and pre-professional courses (Areas I-V) required for the degree or major(s).
- Apply no more than 64 semester hours from a community college, excluding remedial courses (all courses taken will be transferred in but only 64 semester hours from a community college will be applicable toward an undergraduate degree).
- Complete all course requirements for the degree or major(s).
- Complete a minimum of 15 semester hours of upper level (300-400 level) coursework in the major at Athens State University, not including courses taken by reciprocal or visiting arrangements. **College or departmental regulations may require completion of more than 15 semester hours of coursework in the major at Athens State University. These degree-specific requirements are published in the appropriate degree/major section of the University catalog.**
- Attain a minimum institutional grade point average of 2.0 on all coursework attempted at Athens State University, and at least a 2.0 in the major field. **College or departmental regulations may require grade point averages higher than 2.0. These degree-specific requirements are published in the appropriate degree/major section of the University catalog.**
- When applicable, complete all course requirements for a minor with a minimum of six (6) semester hours of upper-level coursework in the minor from Athens State University. College or departmental regulations may require completion of more than six (6) semester hours of coursework in the minor at Athens State University. These specific requirements are published in the appropriate Minors section of the University catalog.
- Apply no more than 64 semester hours of non-traditional/non-graded college credit toward the degree.
- Complete the requirements for teacher certification (when applicable).

The rules, regulations, policies, fees and other charges, courses, programs of study, and academic requirements that appear in this catalog were in effect at the time of its publication and every effort has been made to ensure the accuracy of all information. The contents are published for informational purposes only, and do not constitute a contract between the University and any student, applicant for admission or other person. Statements regarding courses, programs of study, fees, and conditions are subject to change without advance notice.

BIOLOGY (BI)

The degree programs in Biology prepare students for careers in education, health, research, and environmental stewardship. It provides a core set of knowledge needed for employment and for pursuing graduate and professional studies in those fields.

The Biology programs include majors leading to the Bachelor of Science degree with additional options in Cell and Developmental Biology, Ecology and Organismal Biology, and Bioinformatics, as well as the Bachelor of Science degree with minor in Education (Grades 6-12) which leads to certification to teach Biology and related science courses at the middle and high school levels. Biology and Marine Science minors also are offered.

Bachelor of Science - Biology Major

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Biology:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Biology must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course*	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Precalculus Algebra or higher mathematics course	3
	Principles of Biology I and II	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course*	3
	Other courses in history or behavioral/social science	9
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	College Chemistry I	4
	College Chemistry II	4
	Natural Science Elective	4
	BI 312/312L Biostatistics <u>or</u> Statistics (MTH 265, MA 331, or PS/SO 341) <u>or</u> Calculus I	3-4
	CHM 221 Organic Chemistry I <u>or</u> CH 311/311L Organic Chemistry I	4-5
	Total Major Prerequisite Requirement Hours:	19-21
	Total General Education and Major Prerequisite Requirement Hours:	60-62

Professional Course Requirements

Course	Hours
UNV 300 Pathways to Success	3
BI 301/BI 301L Cell Structure and Function	4
BI 302/BI 302L Genetics	4
BI 303/BI 303L General Ecology or BI 453/BI 453L Plant Ecology*	4
BI 304/BI 304L Diversity and Adaptations	4
BI 470 Biology Capstone or BI 471 Research Thesis Capstone	1
UNV 400 Career Seminar	1
Biology elective courses at the 300/400 level approved by faculty advisor	12
*Students may take both ecology courses (BI 303/BI 303L and BI 453/BI 453L) and count one as a biology elective.	
Total Professional Requirement Hours:	33

The Biology major must complete at least 15 semester hours of upper division biology coursework at Athens State University. The major who plans to attend graduate, medical, or other professional (e.g., veterinary, chiropractic, optometry, pharmacy, physical therapist) school, or who seeks special licensure or certification (e.g., medical lab scientist, wildlife biologist) should determine the specific requirements of the particular school, licensing program, or certifying agency for science and mathematics coursework and complete the recommended or required coursework. A program of study tailored to meet specific recommendations and/or requirements for science and mathematics coursework then will be developed for the major in consultation with the faculty advisor. The following courses or their equivalents are frequently recommended or required: Calculus I (MA 303), Statistics or Biostatistics (BI 312); Organic Chemistry I and II (CH 311, 312); Biochemistry (BI 409 or CH 409); and Physics I and II.

Exit Exam: An exit exam is required for graduation and is administered in BI 470 Biology Capstone or BI 471 Research Thesis Capstone. The examination serves the following purposes:

- Establishes a benchmark for assessing knowledge gained as a result of completing the biology major at Athens State University;
- Assesses preparedness for graduate study or for admission to professional school; and
- Assesses preparedness for a career as a biologist.

There is no cost for taking the examinations, nor is it necessary to undertake any special preparation for the examination. Exit examination questions are drawn from the following areas: Cellular Biology, Ecology, Genetics, and Organismal Biology.

Minor (Required)

	Hours
Required Courses for Minor (minimum 18 hours)	18
NOTE: Minor can be waived if student has at least 18 hours in a single Applied Science or Concentration, such as Medical Lab Technician (CLT), Dental Assisting (DAT), Paramedic (EMS), Nursing (NUR), Physical Therapist Assistant (PTA), Surgical Technology (SUR), Veterinary Technician (VET), or approved by faculty advisor.	

General Electives

Elective hours at the 300 or 400 level as needed to meet minimum 124 hour requirement and all other general University requirements. Electives at the 200 level will count in the following disciplines: Biology (BIO), Chemistry (CHM), Physics (PHY), Computer Information Systems (CIS), Computer Science (CS), Information Technology (ITE), Psychology (PSY), Sociology (SOC), Medical Lab Technician (CLT), Dental Assisting (DAT), Paramedic (EMS), Nursing (NUR), Physical Therapist Assistant (PTA), Surgical Technology (SUR), Veterinary Technician (VET), or as approved by faculty advisor.	11-13
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	Hours
Total Minimum Hours Required for Completion of Biology Major	124

Bachelor of Science - Biology Major: Cellular and Developmental Option

This option within the Biology major is designed particularly for students interested in continuing in fields associated with Cell and Development, including those interested in working in research labs or applying to graduate school or professional school.

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Biology – Cellular and Developmental Option:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Biology – Cellular and Developmental Option must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course*	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Precalculus Algebra or higher mathematics course	3
	Principles of Biology I and II	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course*	3
	Other courses in history or behavioral/social science	9
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

Discipline/Course	Hours
College Chemistry I	4
College Chemistry II	4
Natural Science Elective	4
BI 312/312L Biostatistics <u>or</u> Statistics (MTH 265, MA 331, or PS/SO 341) <u>or</u> Calculus I	3-4
CHM 221 Organic Chemistry I <u>or</u> CH 311/311L Organic Chemistry I	4-5
Total Major Prerequisite Requirement Hours:	19-21
Total General Education and Major Prerequisite Requirement Hours:	60-62

Professional Course Requirements

Course	Hours
UNV 300 Pathways to Success	3
BI 301/BI 301L Cell Structure and Function	4
BI 302/BI 302L Genetics	4
BI 303/BI 303L General Ecology or BI 453/BI 453L Plant Ecology*	4
BI 304/BI 304L Diversity and Adaptations	4
BI 470 Biology Capstone or BI 471 Research Thesis Capstone	1
UNV 400 Career Seminar	1
Biology elective courses at the 300/400 level approved by faculty advisor	12
*Students may take both ecology courses (BI 303/BI 303L and BI 453/BI 453L) and count one as a biology elective.	
Total Professional Requirement Hours:	33

Cellular and Developmental Option Course Requirements

Course	Hours
Complete 12 semester hours from the following (all courses listed are 4 semester hours unless otherwise noted): BI 408/408L Bioinformatics BI 415/415L Microbial Diversity and Human Interactions BI 423/423L Histology BI 424/424L Advanced Physiology BI 425/425L Developmental Biology BI 427 Parasitology (3 Hrs.) BI 429/429L Immunology BI 434 Applying Lab Principles at HudsonAlpha BI 441, 442, 443, 444 Special Topics in Biology (1-4 Hrs.)* BI 450 Research Seminar (1 Hr.)*	12
*Content must be approved by faculty advisor	
Total Option Requirement Hours:	12

The Biology major must complete at least 15 semester hours of upper division biology coursework at Athens State University.

Exit Exam: An exit exam is required for graduation and is administered in BI 470 Biology Capstone or BI 471 Research Thesis Capstone. The examination serves the following purposes:

- Establishes a benchmark for assessing knowledge gained as a result of completing the biology major at Athens State University;
- Assesses preparedness for graduate study or for admission to professional school; and
- Assesses preparedness for a career as a biologist.

There is no cost for taking the examinations, nor is it necessary to undertake any special preparation for the examination.

Exit examination questions are drawn from the following areas: Cellular Biology, Ecology, Genetics, and Organismal Biology.

Minor (Required)

Students with appropriate courses in allied health disciplines may be eligible to waive the required minor if approved by the faculty advisor through the University Curriculum Adjustment process.

Required Courses for Minor (minimum 18 hours)	Hours
	18

General Electives

Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	Hours
	0-1

Total Minimum Hours Required for Completion of Biology Major – Cellular and Developmental Option	Hours
	124-125

Bachelor of Science - Biology Major: Ecology and Organismal Option

This option within the Biology major is designed particularly for students interested in continuing in fields associated with Ecology and Organismal Biology, including those interested in working as a field biologist, in field research, or applying to graduate school in forestry, wildlife biology, or ecology.

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Biology – Ecology and Organismal Option:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Biology – Ecology and Organismal Option must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course*	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Precalculus Algebra or higher mathematics course	3
	Principles of Biology I and II	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course*	3
	Other courses in history or behavioral/social science	9
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

Discipline/Course	Hours
College Chemistry I	4
College Chemistry II	4
Natural Science Elective	4
BI 312/312L Biostatistics or Statistics (MTH 265, MA 331, or PS/SO 341) or Calculus I	3-4
CHM 221 Organic Chemistry I or CH 311/CH311L Organic Chemistry I	4-5
Total Major Prerequisite Requirement Hours:	19-21
Total General Education and Major Prerequisite Requirement Hours:	60-62

Professional Course Requirements

Course	Hours
UNV 300 Pathways to Success	3
BI 301/BI 301L Cell Structure and Function	4
BI 302/BI 302L Genetics	4
BI 303/BI 303L General Ecology or BI 453/BI 453L Plant Ecology*	4
BI 304/BI 304L Diversity and Adaptations	4
BI 470 Biology Capstone or BI 471 Research Thesis Capstone	1
UNV 400 Career Seminar	1
Biology elective courses at the 300/400 level approved by faculty advisor	12
*Students may take both ecology courses (BI 303/BI 303L and BI 453/BI 453L) and count one as a biology elective.	
Total Professional Requirement Hours:	33

Ecology and Organismal Option Course Requirements

Course	Hours
Complete 12 semester hours from the following (all courses listed are 4 semester hours unless otherwise noted): BI 311/311L Biodiversity of North Alabama BI 408/408L Bioinformatics BI 411/411L Invertebrate Systematics and Morphology BI 420 Field Vertebrate Zoology I: Ichthyology and Herpetology BI 422 Field Vertebrate Zoology II: Ornithology and Mammalogy BI 451/451L Marine Biology BI 453/453L Plant Ecology BI 441, 442, 443, 444 Special Topics in Biology (1-4 Hrs.)* BI 450 Research Seminar (1 Hr.)*	12
*Content must be approved by faculty advisor	
Total Option Requirement Hours:	12

The Biology major must complete at least 15 semester hours of upper division biology coursework at Athens State University.

Exit Exam: An exit exam is required for graduation and is administered in BI 470 Biology Capstone or BI 471 Research Thesis Capstone. The examination serves the following purposes:

- Establishes a benchmark for assessing knowledge gained as a result of completing the biology major at Athens State University;
- Assesses preparedness for graduate study or for admission to professional school; and
- Assesses preparedness for a career as a biologist.

There is no cost for taking the examinations, nor is it necessary to undertake any special preparation for the examination. Exit examination questions are drawn from the following areas: Cellular Biology, Ecology, Genetics, and Organismal Biology.

Minor (Required)

Students with appropriate courses in allied health disciplines may be eligible to waive the required minor if approved by the faculty advisor through the University Curriculum Adjustment process.

	Hours
Required Courses for Minor (minimum 18 hours)	18

General Electives

	Hours
Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	0-1

	Hours
Total Minimum Hours Required for Completion of Biology Major – Ecology and Organismal Option	124-125

HOMELAND AND CORPORATE SECURITY (HCS)

The Homeland and Corporate Security program is intended to provide students with the knowledge and training needed to prepare them for positions in homeland security, crisis management, and first response in both the public and private sectors. Students will gain an understanding of key areas of homeland security, including national security, security management, critical infrastructure protection, intelligence, risk management, legal and ethical issues, border security, and interagency and intergovernmental relations.

Bachelor of Science – Homeland and Corporate Security

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Homeland and Corporate Security:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Homeland and Corporate Security must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course*	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math <u>or</u> higher mathematics course	3
	Natural sciences (lab-based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course*	3
	Other courses in history or behavioral/social science	9
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	CRJ 100 Intro to Criminal Justice <u>or</u> CRJ 110 Intro to Law Enforcement	3
	CRJ 167 Industrial Security <u>or</u> CRJ 168 International Security <u>or</u> CRJ 171 Security Risk Management	3
	CIS 146 Microcomputer Applications <u>or</u> ITE 301 Problem Solving with Computers	3
	Total Major Prerequisite Requirement Hours:	9
	Total General Education and Major Prerequisite Requirement Hours:	50

Professional Course Requirements

Program Core Courses		Hours
	UNV 300 Pathways to Success	3
	CJ 375/375L Cyber Criminology and Cyber Criminology Lab	4
	CJ 455 Ethics in the Public Sector	3
	HCS 300 Introduction to Homeland Security	3
	HCS 320 Organization and Management	3
	HCS 460 Threat System Management	3
	MCO 411 Cybersecurity Strategic Management	3
	PSHA 448 Managing the Public Safety and Health Emergency	3
	UNV 400 Career Seminar	1
	HCS 465 Senior Research Project (Capstone)	4
	Total Program Core Requirement Hours:	30

Additional Program Requirements

In addition to the Professional Courses above, Homeland and Corporate Security majors must complete one of the following:

- The Concentration in Corporate Security, **OR**
- The Concentration in Homeland Security.

Concentration in Corporate Security		Hours
	HCS 310 Security and Private Security	3
	HCS 430 Physical Security Assessment and Systems Integration	3
	HCS 450 Surveillance and Investigative Techniques	3
	HCS 455 Current Topics in Global Security	3
	MCO 412 Cybersecurity Management of Business Contingency & Resilience Planning	3
	OHSM 350 Risk Management & Security in the Workplace	3
	Total Corporate Security Concentration Requirement Hours:	18

Concentration in Homeland Security		Hours
	CJ 326 International and Domestic Terrorism	3
	HCS 330 Drugs and Human Trafficking	3
	HCS 410 Incident Command and Disaster Recovery	3
	HCS 420 Weapons of Mass Destruction	3
	HCS 445 Intelligence and Espionage	3
	HCS 455 Current Topics in Global Security	3
	Total Homeland Security Concentration Requirement Hours:	18

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	26
	Total Minimum Hours Required for Completion of Homeland and Corporate Security Major	124

Bachelor of Science in Public Health (PH)

The Bachelor of Science degree in Public Health provides students with a strong foundation in epidemiology, biostatistics, public health principles, preventive medicine, health policy and regulations, health care services and related administrative functions, public health law enforcement, health economics and budgeting, public communications and professional standards and ethics. The program prepares individuals to plan, manage, and evaluate public health care services; to function as public health professionals in public agencies, the private sector, and other settings; and to provide leadership in the field of public health. Graduates are also prepared for graduate studies.

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science in Public Health:

Applicable General University Requirements

Students earning the Bachelor of Science degree must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course*	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math <u>or</u> higher mathematics course	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course*	3
	Other courses in history or behavioral/social science	9
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

Discipline/Course	Hours
CIS 146 Microcomputer Applications or ITE 301 Problem Solving with Computers	3

Professional Course Requirements

Professional Courses	Hours
UNV 300 Pathways to Success	3
HS 300 Foundations of Public Health	3
HWM 401 Measurement and Evaluation	3
HWM 450 Introduction to Epidemiology	3
HS 447 Public Health Concepts and Systems	3
HS 465 Senior Research Project	4
HS 355 Health Policy in the US	3
HS/SO 352 Sociology of Health and Illness	3
HCM 340 Introduction to Health Care Systems	3
HS 451 Environmental Health and Regulation	3
HS 460 or CJ 455 Ethics in the Public Sector	3
HS 305 Survey of Human Disease	3
HS 310 Global Health: Determinants and Disparities	3

	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	41

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	39

		Hours
	Total Minimum Hours Required for Completion of Public Health Major	124

PUBLIC SAFETY AND HEALTH ADMINISTRATION (PSHA)

Program Ended Effective Spring 2023 – Removed from Catalog

The Bachelor of Science degree with a major in Public Safety and Health Administration provides students an educational background focused in the administration of public agencies promoting community health and safety at all levels of government. Fire, police, public works, public health, and emergency medical services personnel frequently interact during various emergency situations. The PSHA program is mostly geared towards students with working experience in preventing, responding to, managing, and reducing the consequences of such public emergencies. Through rigorous coursework, the program prepares professionals for increased management and administration responsibilities in emergency response and allied health agencies, thus enhancing career opportunities.

College of Arts and Sciences Certificate Program

Certificate – Bioinformatics Research

Requirements for the Certificate in Bioinformatics Research (a grade of “C” or better must be achieved on all required courses; please consult course descriptions for possible prerequisites):

Course	Hours
GS 464 Research in General Science	4
GS 480 Advanced Research Seminar	4
One of the following courses: CS 305 Concepts of Computer Programming ITE 315 Scripting Languages and System Administration BI 312/L Biostatistics with Lab HWM 401 Measurement and Evaluation or Higher Programming	3-4
Total Required Hours	11-12

Certificate – Professional and Technical Writing

Requirements for the Certificate in Professional and Technical Writing (a grade of “C” or better must be achieved on all required courses; please consult course descriptions for possible prerequisites):

Course	Hours
EH 302 Professional Writing	3
EH 305 Writing for New Media	3
EH 306 Technical Writing	3
EH 315 Grant Proposal Writing	3
Total Required Hours	12

Certificate – Pre-Health

This Pre-Health certificate is flexible enough to cover the pre-requisites for most Pre-Health professional programs, including Medical (MD and DO), PT, PA, OT, pharmacy, dental, nurse practitioner, veterinary, podiatry, chiropractic, optometry, athletic training, anesthesiologist assistant, audiology, and psychiatry. It also includes the classes necessary to prepare for the MCAT, DAT, and PCAT. In this 1-year (3-semester) certificate, students transfer to Athens State from a community college either in the Fall or Spring semester after completing Chemistry I&II, Physics I, and Physics II (if necessary).

Students must complete a minimum of 11 hours at Athens State to earn this certificate.

Requirements for the Certificate in Pre-Health (**a grade of “C” or better must be achieved on all required courses; please consult course descriptions for possible prerequisites**):

Course	Hours
CHM 111 College Chemistry I	4
CHM 112 College Chemistry II	4
PHY 213 General Physics with Calculus I (Recommended - PHY 201 Accepted)	4
CHM 221 Organic Chemistry I <u>or</u> CH 311/311L Organic Chemistry I and Lab	4-5
CH 409 Biochemistry	3
BIO 104 Principles of Biology II <u>or</u> BI 304/304L Diversity and Adaptations and Lab	4
BIO 201 Human Anatomy & Physiology I <u>or</u> BI 361/361L Human Anatomy and Lab	4
One of the following electives: BI 312/312L Biostatistics and Lab MTH 265 Elementary Statistics <u>or</u> MA 331 Applied Probability and Statistics MTH 125 <u>or</u> MA 303 Calculus I PHY 214 General Physics with Calculus II* (Recommended - PHY 202 Accepted) PS 341 Statistics with Advanced Topics in Behavioral Science <i>*Pharmacy does not require Physics II</i>	3-4
Two of the following electives: BI 202 Human Anatomy and Physiology II BI 220 General Microbiology <u>or</u> BI 415/415L Microbial Diversity and Human Interactions and Lab BI 312/312L Biostatistics and Lab BI 423/423L Histology and Lab BI 424/424L Advanced Physiology and Lab BI 425/425L Developmental Biology and Lab BI 427 Parasitology (3 Sem. Hrs.) BI 429/429L Immunology and Lab CHM 222 Organic Chemistry II <u>or</u> CH 312/312L Organic Chemistry II and Lab VET 242 Animal Nutrition & Laboratory Animals (3 Sem. Hrs.)	7-8
Two of the following electives: PSY 200 General Psychology SOC 200 Introduction to Sociology PS 352 Abnormal Psychology SO 301 Gender and Multicultural Studies SO 312 Majority/Minority Group Relations SO 361 Social Analysis HS 320 Biomedical Ethics HWM 327 Physiology of Exercise HWM 450 Introduction to Epidemiology Exercise Science or Kinesiology Elective (PTA 220, HWM 325, or as approved by Advisor)	6
Total Required Hours:	43-46

College of Business

Gary Valcana, M.B.A., (ABD), SPHR, SHRM-SCP – Interim Dean

Athens State University’s College of Business is nationally accredited by the Accreditation Council for Business Schools and Programs (ACBSP), 11520 West 119th Street, Overland Park, KS 66213.

The programs below were approved by the Alabama Commission on Higher Education following the publication of the 2022-23 Undergraduate Academic Catalog. Please refer to the 2022-23 College of Arts and Sciences catalog section for additional degree and certificate options, or the 2022-23 Minors catalog section for minor options.

Program Name	Degree(s) Available	Minor Available	Certificate Available
<u>Aerospace Systems Management</u>	BS	Yes	
<u>Forensic Accounting</u>			Yes
<u>Occupational Health and Safety</u>	BS		Yes

The current listings of [Faculty and Staff in the College of Business](#) and [Faculty and Staff in the University Library](#) can be found on the Athens State University website.

College of Business – General Information

The mission of the College of Business is to offer programs of study to students that will prepare them for positions in business, finance, or government; enhance the professional development of those already employed; and provide an academic framework for graduate study leading to professional positions. The purpose of the College of Business is to provide quality education for all students, teaching them to think critically, to use technology efficiently, to be effective leaders, decision makers, and communicators; to maintain ethical standards, and to understand the global economy. To carry out its mission and support its purpose, the College of Business has established the following goals:

- Provide for continuous improvement of the programs within the College of Business in keeping with the standards set by Athens State University, the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC), and the Accreditation Council of Business Schools and Programs (ACBSP).
- Place excellence in teaching as the number one priority for serving students and for evaluating faculty.
- Encourage growth and diversity in the faculty and student body.
- Seek community and business relationships for advice and support of student and curriculum needs.
- Maintain cooperative relationships with other educational institutions to facilitate student transfer, maximize resource utilization and provide quality programs.
- Support a quality-based, equivalent learning environment for all students in all settings.
- Produce graduates who will be academically and professionally prepared by the quality teaching programs of the College of Business for work in an increasingly diverse, global environment.

Athens State University, through its College of Business, is nationally accredited by the Accreditation Council of Business Schools and Programs to offer the Bachelor of Science (B.S.) degree with majors in accounting, acquisition and contract management, advanced manufacturing management, human resource management, information assurance, logistics and supply chain management, management, management of technology, and occupational health and safety management. The College of Business curriculum complies with the Common Professional Component (CPC) recommended by the ACBSP. Instruction offered by the College of Business is designed to assist in the preparation of competent and effective professionals in the areas of accounting and management. Students completing a degree program offered by the College of Business will possess the following skills and competencies:

- Demonstrated knowledge of core business concepts, theories and applications in the areas of accounting, finance, management, marketing, management information systems, global business, strategic management, and production.
- Demonstrated proficiency in the use of technology as it relates to business.
- Demonstrated ability to effectively apply critical-thinking skills to analyze business issues and financial data.
- Demonstrated knowledge of the global economy including an appreciation of diversity as it relates to business.
- Demonstrated ability to effectively communicate orally and in writing.
- Demonstrated understanding and appreciation of ethical issues as it relates to business.
- Demonstrated understanding and ability to use effective managerial, leadership and group interaction techniques.

Distance Education

All College of Business majors are available online. All professional coursework for these majors may be completed via distance learning. However, if students have not completed all general education and pre-professional course requirements, the University cannot guarantee that all courses will be available in online formats. For further information regarding distance education, refer to the Academic Policies section in the Introduction and General Information portion of the catalog or the University website.

Assessment (Pre- and Post-Testing)

The College of Business, as a part of its continuous evaluation process, has implemented a program to assess the business knowledge levels of incoming students. This will be accomplished through a pre-test to be administered in a required course, MG 320 Organizational Communication. This course should be taken during a student's first term at Athens State University. A post-test will be administered in the capstone course, MG 420 Business Policy, which should be taken during a student's last term. An external benchmark post exam is administered in MG 480 Seminar in Business. In addition to the pre- and post-assessment related to knowledge of the core professional courses, business majors will also take a pre- and post-assessment designed to measure knowledge related to their specific major(s).

LiveText is a software platform used for creating an electronic portfolio, and is required in all "core" business courses (AC/MG 302, MG 320, MG 346, MG 350, MG 352, MG 390, MG 420, MG 480, and MK 331). Specified assignments in these courses will be placed in this portfolio and will be used in assessing student progress. This program will also provide students a digital professional development resource and a workspace for building and maintaining an online personal portfolio reflecting educational achievements, and may be used for developing career credentials. There is a one-time cost for this membership. Membership is available for up to five years.

Advising and Scheduling Information

Academic Advising

An Academic Advisor is assigned to each College of Business major by the Student Success Coach for the College of Business. After a student's transcript(s) have been received, a plan of study which reflects the transferred credit and the requirements for degree completion is available to the student and the advisor in Degree Works via the student's Athens State Online account. Students are encouraged to read **all** the information regarding degree requirements on the plan of study. Students should contact an advisor for any questions about the degree plan. Office hours are available on the College of Business website, along with telephone numbers and e-mail addresses. Students may also contact the College of Business staff whenever assistance is needed.

Scheduling

Degree programs in the College of Business are developed to ensure that students who complete the programs possess the skills and competencies for successful careers or further academic study. To obtain the maximum benefit from the programs, some sequencing of courses is necessary.

Most business courses are offered each term, particularly the common core courses which are required in all College of Business majors (AC/MG 302, MG 320, MG 346, MG 350, MG 352, MG 390, MG 420, MG 480, and MK 331). However, some courses (particularly those which are required in only one program or minor) are offered less frequently. Observing the following guidelines will help you in efficient scheduling.

- Those courses in most demand (common core courses) are generally offered each term in multiple formats.
- Courses which are specific to only one program (or minor), may not be offered every term and/or in all formats.
- Sequential courses (especially accounting and statistics) must be taken in order, and may be offered on a rotating or alternating basis.

Students should plan accordingly and not wait until they are nearing the end of their program to begin scheduling the less frequently offered courses or sequential courses.

Special Scheduling Requirements

First Term:

The following course, which is required for all Business majors, MUST be taken in the student's first term at Athens State. MG 320 Organizational Communication (3 semester hours). This course includes an initial assessment as part of our required outcomes assessment plan.

The following courses, which are required for all Business majors, should be taken in the student's first term at Athens State. The content in these courses is essential preparation for other courses in the curriculum.

AC/MG 302 Management Information Systems (3 semester hours).

MG 346 Principles of Management and Leadership (3 semester hours).

Accounting majors should take AC 321 Intermediate Accounting I during the first term in which they are eligible to take the course at Athens State University.

Last Term:

The following courses (which are required in all Business majors) should be taken during the student's last term at Athens State.

MG 420 Business Policy (3 semester hours). This course is the capstone course which integrates content from all other core business courses. The required Assessment Exam is given in this course.

MG 480 Seminar in Business (2 semester hours). This course is taken at the end of a student's program. An external benchmark exam (post) is administered, and the electronic portfolio in LiveText is completed.

Prerequisites

Observance of prerequisites will ensure that students have the background knowledge to obtain the maximum benefit from the curriculum. Please consult the course descriptions section of this catalog for information on course prerequisites.

Degree Programs in the College of Business

General University Requirements for Graduation

Every student planning on completing an undergraduate degree/major program at Athens State University must satisfy all University requirements and meet all financial obligations before a degree is awarded.

To be eligible to receive an undergraduate degree, a student must:

- Complete a minimum of 124 semester hours with at least 25 percent of the degree requirements earned at Athens State University.
- Complete all of the general education and pre-professional courses (Areas I-V) required for the degree or major(s).
- Apply no more than 64 semester hours from a community college, excluding remedial courses (all courses taken will be transferred in but only 64 semester hours from a community college will be applicable toward an undergraduate degree).
- Complete all course requirements for the degree or major(s).
- Complete a minimum of 15 semester hours of upper level (300-400 level) coursework in the major at Athens State University, not including courses taken by reciprocal or visiting arrangements. **College or departmental regulations may require completion of more than 15 semester hours of coursework in the major at Athens State University. These degree-specific requirements are published in the appropriate degree/major section of the University catalog.**
- Attain a minimum institutional grade point average of 2.0 on all coursework attempted at Athens State University, and at least a 2.0 in the major field. **College or departmental regulations may require grade point averages higher than 2.0. These degree-specific requirements are published in the appropriate degree/major section of the University catalog.**
- When applicable, complete all course requirements for a minor with a minimum of six (6) semester hours of upper-level coursework in the minor from Athens State University. College or departmental regulations may require completion of more than six (6) semester hours of coursework in the minor at Athens State University. These specific requirements are published in the appropriate Minors section of the University catalog.
- Apply no more than 64 semester hours of non-traditional/non-graded college credit toward the degree.
- Complete the requirements for teacher certification (when applicable).

The rules, regulations, policies, fees and other charges, courses, programs of study, and academic requirements that appear in this catalog were in effect at the time of its publication and every effort has been made to ensure the accuracy of all information. The contents are published for informational purposes only, and do not constitute a contract between the University and any student, applicant for admission or other person. Statements regarding courses, programs of study, fees, and conditions are subject to change without advance notice.

AEROSPACE SYSTEMS MANAGEMENT (MG)

A major in Aerospace Systems Management has two areas of possible concentration: Aviation and Space Systems. Aviation is designed for those students pursuing a commercial pilot or aircraft mechanic career path. Space Systems is for those students aiming at a management career in space exploration. Typical occupations where this major could apply are commercial airline pilot; airport manager; aviation maintenance manager; space mission planning, control, and communications; aerospace project management; aircraft/aerospace manufacturing manager/supervisor; and avionics and aircraft/spacecraft systems.

Bachelor of Science in Aerospace Systems Management – with Concentrations

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science in Aerospace Systems Management with Concentrations:

Applicable General University Requirements

Students earning the Bachelor of Science in Aerospace Systems Management degree with a concentration must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course*	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or higher mathematics course	3
	Natural Sciences (lab based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	At least one history course and one behavioral science course*	6
	6 semester hours of Economics	6
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

Discipline/Course	Hours
Principles of Accounting (BUS 241/242 OR AC 305/306)	6
Business Statistics I (BUS271 OR GBA 305 OR MTH 265)	3
Business Statistics II (BUS 272 OR GBA 306)	3
Legal and Social Environment of Business (BUS 261 OR BUS 263 OR GBA 311)	3
Microcomputer Applications (CIS 146 OR GBA 301)	3
Total Pre-Professional Hours	18
Total General Education and Pre-Professional Hours:	59

Professional Course Requirements

	Professional Courses (in order they should be taken)	Hours
	UNV 300 Pathways to Success (Must be taken during first semester)	3
	MG 302 Management Information Systems	3
	MG 320 Organizational Communications	3
	MG 346 Principles of Management	3
	MG 420 Business Policy (should be taken during last semester)	3
	MG 480 Senior Seminar (should be taken during last semester)	1
	UNV 400 Career Seminar (should be taken during last semester)	1
	Total Professional Requirement Hours:	17

Additional Program Requirements

In addition to the Professional Studies requirements above, students must complete all coursework for one of the concentrations below.

Concentration in Aviation		
	ASM 471 or MG 471 Aviation Law	3
	ASM 472 or MG 472 Aviation Safety and Security	3
	ASM 473 or MG 473 Air Traffic Control Fundamentals	3
	ASM 475 or MG 475 Aviation Weather Management	3
	ASM 476 or MG 476 Federal Aviation Regulations	3
	ASM 477 or MG 477 Airport Management	3
	ASM 485 or MG 485 Aircraft Propulsion Systems	3
	ASM 487 or MG 487 Aircraft and Space Flight Risk Management	3
	ASM 488 or MG 488 Aircraft Systems and Flight Engineering	3
	ASM 489 or MG 489 Aviation and Space Human Factors	3
	ASM 490 or MG 490 Aerodynamics and Flight Performance	3
	Total Concentration Requirement Hours:	33

Concentration in Space Systems		
	ASM 481 or MG 481 Spacecraft Environments	3
	ASM 482 or MG 482 Mission Planning, Control and Communications	3
	ASM 483 or MG 483 Space Law and Treaties	3
	ASM 484 or MG 484 Space Exploration Strategies	3
	ASM 485 or MG 485 Aircraft Propulsion Systems	3
	ASM 486 or MG 486 Rocket and Spacecraft Propulsion Systems	3
	ASM 487 or MG 487 Aerospace Flight Risk Management	3
	ASM 488 or MG 488 Aerospace Systems and Flight Engineering	3
	ASM 489 or MG 489 Aviation and Space Human Factors	3
	ASM 490 or MG 490 Aerodynamics and Flight Performance	3
	ASM 491 or MG 491 Commercial Space Enterprises	3
	Total Concentration Requirement Hours:	33

Other Professional Credit

	<p>Student must obtain approval of plan for “Other Professional Credit” from Advisor. Select option 1 or 2.</p> <ol style="list-style-type: none"> 1. Technical Core Credit (Block Credit) (Institutional Credit) up to 21 semester hours. NOTE: Block Credit is LOWER LEVEL Credit. Application for this credit may be based on: <ul style="list-style-type: none"> • Technical Training (4 or more semesters technical school/college) OR • Work Experience (6 years documented, successful work experience) OR • Professional Program (Fine Arts or Health Sciences). <p>Application for Technical Core Credit MUST be filed during student’s first term of enrollment at ASU.</p> 2. Advisor-approved elective hours as needed to total 60 semester hours of upper level credit and 124 total semester hours. (Up to 12) 	
	Total Professional Requirement Hours:	15-21

Other Requirements

	<ol style="list-style-type: none"> 1. Earning an acceptable score on an assessment exam containing questions dealing with the competency and skill areas around which the curriculum is based. Exam is given in MG 420. 2. Completion of MG 420 Business Policy and MG 480 Senior Seminar with a final average of at least 70%. 	
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		Hours
	Total Minimum Hours Required for Completion of Aerospace Systems Management with Concentration	124-133

College of Business Certificate Program

The College of Business at Athens State University offers the following specialized certificate. **A grade of “C” or better must be achieved on all required courses.**

Certificate in Forensic Accounting

	Course	Hours
	AC 312 Law for Accountants	3
	AC 442 Advanced Auditing and Fraud Examination	3
	AC 451 Forensic Accounting I	3
	AC 452 Forensic Accounting II	3
	One course from the following: AC 362 Federal Tax Accounting II AC 431 Advanced Accounting AC 435 Governmental Accounting AC 441 Special Topics in Accounting GBA 314 Business Ethics MCO 409 Management of Cybersecurity	3
	Total Required Hours:	15

OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT (OHSM)

The objective of the Occupational Health and Safety Management program is to provide a hands-on, practical and applied Bachelor of Science degree. The major is designed to assure the development of competencies that enable innovative approaches in the establishment and direction of comprehensive occupational health and safety management programs in educational, governmental and private business and industrial enterprises. The curriculum emphasizes compliance with regulations and standards, hazardous materials and waste, workplace design, workplace security, fleet safety, fire abatement, emergency preparedness, incident investigation, workplace training, cost containment, environmental permitting, sustainability and improving workplace conditions that impact an employee's well-being and safety management. In addition, this major provides an academic framework for future graduate study. The Occupational Health and Safety Management degree encompasses the traditional business curriculum which includes coursework in accounting, finance, management, marketing, management information systems, global business, strategic management, and production theories/concepts.

Bachelor of Science – Occupational Health and Safety Management

EACH STUDENT MUST ASSUME RESPONSIBILITY FOR KNOWING THE ACADEMIC REQUIREMENTS FOR THE DEGREE THAT IS BEING PURSUED.

Program components for the Bachelor of Science degree with a major in Occupational Health & Safety Management:

Applicable General University Requirements

Students earning the Bachelor of Science (BS) degree with a major in Occupational Health and Safety Management must satisfy all general University requirements and meet all financial obligations before a degree is awarded.

General Education Requirements

Area	Discipline/Course	Hours
I	Written Composition	6
II	Humanities/Fine Arts (12 hours total)	
	At least one fine arts course	3
	At least one literature course*	3
	Other courses in humanities or fine arts	6
III	Mathematics and Natural Sciences (11 hours total)	
	Finite math or the equivalent	3
	Natural sciences (lab-based)	8
IV	History/Behavioral and Social Sciences (12 hours total)	
	Two courses in economics	6
	At least one history course*	3
	Other course in history or behavioral/social science	3
	*Students must complete a 6 hour sequence in either Literature (Area II) or History (Area IV).	
	Total General Education Requirement Hours:	41

Major Prerequisite (Pre-Professional) Course Requirements (Area V)

	Discipline/Course	Hours
	CIS 146 Microcomputer Applications or ITE 301 Problem Solving with Computers or GBA 301 Windows Applications for Business	3
	BUS 241 Principles of Accounting I or AC 305 Fundamentals of Accounting I	3
	BUS 242 Principles of Accounting II or AC 306 Fundamentals of Accounting II	3
	BUS 271 Business Statistics I or MTH 265 Elementary Statistics or GBA 305 Stat Methods of Business I	3
	BUS 272 Business Statistics II or GBA 306 Stat Methods of Business II	3
	BUS 263 Legal & Social Environment of Business or BUS 261 Business Law I or GBA 311 Legal Environment of Business	3
	Total Major Prerequisite Requirement Hours:	18
	Total General Education and Major Prerequisite Requirement Hours:	59

Professional Course Requirements

Courses are listed in the order they should be taken. A business knowledge “pretest” is administered in MG 320 Organizational Communication.

	Course	Hours
	UNV 300 Pathways to Success	3
	MG 320 Organizational Communication (<i>MUST be taken 1st semester</i>) <u>or</u> BUS 215 Business Communications	3
	MG 302 Management Information Systems (<i>should be taken 1st semester</i>)	3
	MG 346 Principles of Management and Leadership (<i>should be taken 1st semester</i>) <u>or</u> BUS 275 Principles of Management	3
	OHSM 300 Creating and Maintaining a Culture of Safety	3
	OHSM 350 Risk Management and Security in the Workplace	3
	MG 349 Human Resources Management <u>or</u> BUS 276 Human Resource Management	3
	MG 350 Financial Management	3
	MK 331 Marketing Principles <u>or</u> BUS 285 Principles of Marketing	3
	OHSM 373 Hazard Analysis and Regulatory Compliance	3
	OHSM 385 Environmental Conservation Management	3
	OHSM 391 Ergonomics and Human Factors	3
	MG 352 International Business <u>or</u> EC 320 International Economics and Trade	3
	MG 390 Operations Management	3
	OHSM 405 Injury Damage Incidents Evaluation and Reporting	3
	OHSM 448 Managing the Public Safety and Health Emergency	3
	OHSM 451 Environmental Health and Regulation	3
	OHSM 422 Safety Training and Development	3
	OHSM 425 Industrial Health Technology Management	3
	MG 420 Business Policy (<i>Capstone course: A final average of at least 70% must be achieved. Course should be taken final semester.</i>)	3
	MG 480 Seminar in Business (<i>Senior seminar: A final average of at least 70% must be achieved. Course should be taken final semester.</i>)	1
	MG 462 Internship in Management	2
	UNV 400 Career Seminar	1
	Total Professional Requirement Hours:	64

Assessment Exam: All College of Business majors must earn an acceptable score on an assessment exam in MG 420 Business Policy containing questions dealing with the skill and competency areas around which the curriculum is based.

General Electives

	Elective hours as needed to meet minimum 124 hour requirement and all other general University requirements	1
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	Hours
Total Minimum Hours Required for Completion of Occupational Health and Safety Management Major	124

College of Education

Lee Vartanian, Ph. D. – Dean

The College of Education at Athens State University is accredited by the Council for the Accreditation of Educator Preparation (CAEP) 1140 19th Street, N.W. Suite 400, Washington, D.C. 20036. This accreditation covers initial teacher preparation program and advanced educator preparation programs. The Council for the Accreditation of Educator Preparation (CAEP) became the sole accrediting body for educator preparation providers on July 1, 2013, replacing the National Council for Accreditation of Teacher Education (NCATE) 2010. Its mission is to advance equity and excellence in educator preparation through evidence-based accreditation that assures quality and supports continuous improvement to strengthen P-12 student learning. CAEP has replaced the former NCATE accreditation body. The College of Education completed its first CAEP accreditation visit Fall 2021.

Athens State University is approved by the Alabama State Department of Education for the training of elementary, secondary, and postsecondary school teachers. The Alabama State Department of Education is a member of the National Association of State Directors of Teacher Education Certification.

The programs below were approved by the Alabama Commission on Higher Education following the publication of the 2022-23 Undergraduate Academic Catalog. Please refer to the 2022-23 College of Education catalog section for additional degree and certificate options, or the 2022-23 Minors catalog section for minor options.

Program Name	Degree(s) Available	Minor Available	Certificate Available (Do not lead to teacher certification)
<u>TESOL Adult Learners</u>			Yes
<u>TESOL Young Learners</u>			Yes

The current listings of [Faculty and Staff in the College of Education](#) and [Faculty and Staff in the University Library](#) can be found on the Athens State University website.

College of Education – General Information

Mission Statement

The College of Education's mission is to prepare teacher candidates to be reflective practitioners who are knowledgeable, collaborative professionals. They will have a rich knowledge of content with an understanding of how people learn in various ways combined with the ability to apply that knowledge to assure student success.

Goals

The College of Education educates pre-service teachers who embrace student-centered learning, maintain a comprehensive knowledge of content knowledge, possess an excellent foundation of professional and pedagogical knowledge, and model social justice through social responsibility. Our graduates are able to do this through adherence to institutional, state, and national standards that support the conceptual framework.

Graduates from the College of Education at Athens State will have the knowledge to apply:

- Disciplinary Knowledge;
- Professional Knowledge;
- Pedagogical Knowledge; and

the ability to create student-centered learning opportunities and practice socially responsible citizenship.

Teacher Education Program

The Teacher Education Program at Athens State University promotes professional development of students who seek teaching as a career, students who will become Reflective Practitioners. The program is approved by the Alabama State Department of Education and accredited by the National Council for Accreditation of Teacher Education. Students are advised and assisted in each phase of their preparation program. The College of Education offers undergraduate degrees leading to Class B Certification in Early Childhood Education, Elementary Education, Elementary/Collaborative K-6 Education, Health & Physical Education, Physical Education, Special Education K-6, 6-12 (Collaborative Teacher), and Technical Education. The College of Education also offers secondary certification in the following College of Arts and Sciences programs through a minor in Education: Art, Biology, Chemistry, English/Language Arts, History, Mathematics and Social Science.

The preparation of teachers is built on a liberal arts foundation. Those students preparing for teaching positions in the secondary schools pursue a major through the College of Arts and Sciences with a minor in Education. Teaching certification requirements are completed through the College of Education. Students preparing to teach special education/collaborative, early childhood, and elementary education concentrate on subject matter relevant to the major. Those who are preparing to teach physical education pursue a broad program appropriate to both elementary and secondary schools. Students in the technical education program are preparing to teach their specialized skill areas. All groups complete their programs with specific and appropriate professional courses.

All programs are designed to assist students in acquiring knowledge and abilities to become teachers who participate in positive interactions, show respect for self and others, exhibit interest in the learner and the learning process, assume responsibility, exhibit stewardship of diversity, advocate use of technology, and exhibit fairness and the belief that all students can learn. Faculty model varied methods, strategies and techniques. Students demonstrate attainment of knowledge and skills in campus-based classes and field-based settings. Students will develop an electronic professional portfolio that reflects evolving professional growth and the ability to integrate general learning, subject matter, professional and pedagogical studies. The College of Education conducts follow-up studies of graduates in an effort to assess teaching effectiveness and to secure data vital to future planning and development and offers special assistance to beginning teachers.

Courses that require admission to the Teacher Education Program (TEP) cannot be fulfilled with transfer courses/credit (no exceptions). The State of Alabama articulation agreement requires the University to accept other courses taken at community colleges if such courses satisfy requirements specified for a given degree program. **Changes to the requirements of the Teacher Education Program may occur at any time due to certification changes made by the State Department of Education.** Students are advised to check updated program of study forms for these changes.

Students seeking a degree that leads to certification through a College of Education program, or a College of Arts and Sciences program with a minor in Education, are required to be fingerprinted and ABI/FBI cleared for the Alabama State Department of Education. The student shall be issued a suitability determination from the State Superintendent of Education. The student must provide the Teacher Education Services Department documentation of having cleared the criminal history background check prior to admission to a State-approved teacher education program.

A student whose suitability determination precludes admission to a State-approved teacher education program has the right to due process procedures in accordance with Alabama State Department of Education Rules.

Field Experience

Field experience, a requirement of the Alabama State Department of Education, is an invaluable opportunity to observe and be involved in real life teaching situations. During P-12 school visits, students will learn pedagogy and management strategies and, in some instances, be allowed to practice their teaching skills. **Field Experiences must be completed in conjunction with assigned courses.** Teacher Candidates cannot receive a grade of Incomplete in courses that include Field Experience requirements. Successful completion of each Field Experience component is required in order to progress in College of Education programs. For additional information about field experience visit the University website: <https://www.athens.edu/academics/education/departments/tes/field-experience/>.

Professional Review Board

A Professional Review Board composed of education faculty members meets periodically to review unsatisfactory performance and progress of students referred by faculty members. Actions that can cause students to be referred to the Professional Review Board include **but are not limited to** the following: an unacceptable score on a Professional Disposition, or removal of student from field experience and/or internship. Certain actions or misconduct may be violations of the Student Code of Conduct, and may be subject to the disciplinary procedures of the Code. For additional information, see the *Student Code of Conduct and Disciplinary Procedures*.

Admission into the Teacher Education Program (TEP)

Students seeking a degree that leads to certification through a College of Education program, or a College of Arts and Sciences program with a minor in Education, must apply and be accepted into the Teacher Education Program (TEP). Students applying for admission into the TEP Program must meet all the TEP admission requirements. No more than five courses in the Professional Studies Requirements of the program of study may be completed before admittance to the TEP Program. Check plan of study for approved courses. **Courses that require admission to the TEP Program are not accepted as transfer credit (no exceptions).** For additional information about the Teacher Education Program (TEP) visit the University website: <https://www.athens.edu/academics/education/departments/tes/tep/>.

Students must demonstrate academic competence in the required content. The following Grade Point Averages (GPA) are required for admission into the TEP Program, and for graduation in the degree programs that lead to certification:

- * **GPA Requirements for College of Education program majors:**
Cumulative GPA 2.50; Professional Studies GPA 2.75; Teaching Field GPA 2.75

- * **GPA Requirements for College of Arts and Sciences program majors with a minor in Education:**
Cumulative GPA 2.50; Professional Studies GPA 2.75; Teaching Field GPA 2.75

IMPORTANT NOTICE!!!

The State Department of Education retains the right to deny credit for a course with a prerequisite of admission to the Teacher Education Program if that course was taken prior to admission. Students seeking certification who are not admitted to the Teacher Education Program and who register for courses that require admission will be withdrawn from the course by the College of Education.

Internship (Student Teaching)

The professional Internship Program for interns bridges the gap between theory and practice. The Internship experience is regarded as the most significant laboratory experience in teacher preparation. It is regarded as a period of learning for the intern under the supervision of the classroom teacher, local school, and an Athens State University supervisor. Successful completion of the internship course is required for graduation. For additional information about Internship visit the University website: <https://www.athens.edu/academics/education/departments/tes/internship/>.

Certification

The State Board of Education periodically revises the requirements governing certification in the State of Alabama. Therefore, requirements for degrees leading to certification are subject to change from those published in this catalog. Students are advised to secure a current plan of study from their advisor(s) to ensure that degree requirements and certification requirements are met. **Effective Fall 2018, successful completion of the edTPA portfolio will be required in order to pursue certification.**

Issuance of Alabama teaching certificates is the legal responsibility of the Alabama State Department of Education. Universities and colleges cannot issue a professional certificate. However, in order to be certified at the professional "B" level, a student must complete an appropriate plan of study at a college or university which has been approved by the State Department of Education. When a student completes the plan of study, the institution recommends to the State Department of Education that the appropriate certificate be awarded. For additional information about certification through Athens State University visit the University website: <https://www.athens.edu/academics/education/departments/tes/certification/>.

A student cannot be recommended for certification based on completion of a program for which State approval expired more than seven years prior to the date of program completion.

Praxis II Requirements

Students seeking a degree that leads to certification through a College of Education program, or a College of Arts and Sciences program with a minor in Education, and subsequent licensure and certification by the State of Alabama, are required to pass the appropriate Praxis II exams for their program of study. **It is the student's responsibility to schedule, complete tests, and receive test scores prior to being cleared for internship (student teaching).** A complete listing of these exams along with required scoring information can be reviewed on the College of Education's webpage: <https://www.athens.edu/academics/education/departments/tes/praxis/>.

Support for Beginning Teachers

In order to provide support and to assure continued application of and growth in these professional qualities, additional services are available and include remediation within the first two years after the Professional Educator Certificate. The College of Education at Athens State University encourages graduates and public school personnel to contact the College for any of the following support services:

- on-going mentorship of beginning teachers, including utilizing LiveText in day-to-day teaching and planning;
- curriculum laboratory resources;
- one-on-one support conferences;
- content support from other academic areas; and
- site visits.

Distance Education

The College of Education offers one online degree, the Bachelor of Science in Education -Technical Education: Instructional Design. All coursework for this major may be completed via distance learning. For further information regarding distance education, refer to the Academic Policies section in the Introduction and General Information portion of the catalog or the University website.

Transfer of Academic Credit – College of Education and College of Arts & Sciences with a minor in Education

Transferred courses and/or credits used to meet approved program requirements in professional studies, instructional support, or other approved program requirements (other than general education courses and Arts and Sciences courses used to meet academic major requirements) must have been completed at a regionally accredited institution that prepares teachers on the same degree level of certification.

Transfer courses/credit cannot be used to fulfill certain course requirements in programs leading to certification offered by the College of Education, or by the College of Arts and Sciences with a minor in Education. For a complete list of these courses refer to College of Education website: <https://www.athens.edu/academics/education/departments/tes/transfer-credits/>.

Courses, credits, and/or degrees accepted from institutions outside the United States shall be substantiated by an evaluation of the foreign credentials from a state, federal, or private foreign credential evaluation service recognized by the Alabama State Department of Education Teacher Education and Certification Office. The evaluation must show that courses, credits, and/or degrees were earned at an institution equivalent to a regionally accredited institution in the United States.

Remedial coursework is not accepted for transfer and cannot be used to meet program requirements. It may, however, fulfill prerequisite requirements, if applicable.

If an individual completes a Class B program at an institution and wants to return to the same institution for a new Class B program, professional studies courses common to both approved checklists are not subject to the five-course limit. However, if the individual has taken more than five professional studies courses on the checklist of the second program, no additional professional studies courses may be taken prior to unconditional admission.

Degree Programs in the College of Education

General University Requirements for Graduation

Every student planning on completing an undergraduate degree/major program at Athens State University must satisfy all University requirements and meet all financial obligations before a degree is awarded.

To be eligible to receive an undergraduate degree, a student must:

- Complete a minimum of 124 semester hours with at least 25 percent of the degree requirements earned at Athens State University.
- Complete all of the general education and pre-professional courses (Areas I-V) required for the degree or major(s).
- Complete all course requirements for the degree or major(s).
- Complete a minimum of 15 semester hours of upper level (300-400 level) coursework in the major at Athens State University, not including courses taken by reciprocal or visiting arrangements. **College or departmental regulations may require completion of more than 15 semester hours of coursework in the major at Athens State University. These degree-specific requirements are published in the appropriate degree/major section of the University catalog.**
- Attain a minimum institutional grade point average of 2.0 on all coursework attempted at Athens State University, and at least a 2.0 in the major field. **College or departmental regulations may require grade point averages higher than 2.0. These degree-specific requirements are published in the appropriate degree/major section of the University catalog.**
- When applicable, complete all course requirements for a minor with a minimum of six (6) semester hours of upper-level coursework in the minor from Athens State University. College or departmental regulations may require completion of more than six (6) semester hours of coursework in the minor at Athens State University. These specific requirements are published in the appropriate Minors section of the University catalog.
- Apply no more than 64 semester hours of non-traditional/non-graded college credit toward the degree.
- Complete the requirements for teacher certification (when applicable).

The rules, regulations, policies, fees and other charges, courses, programs of study, and academic requirements that appear in this catalog were in effect at the time of its publication and every effort has been made to ensure the accuracy of all information. The contents are published for informational purposes only, and do not constitute a contract between the University and any student, applicant for admission or other person. Statements regarding courses, programs of study, fees, and conditions are subject to change without advance notice.

Certificate – Teaching English to Speakers of Other Languages (TESOL) with Specialization in Teaching English to Adult Learners

Requirements for the Certificate in Teaching English to Speakers of Other Languages with a Specialization in Teaching English To Adult Learners (**a grade of “C” or better must be achieved on all required courses; please consult course descriptions for possible prerequisites**):

Course	Hours
ESOL 358 Introduction to Linguistics for Teachers of Adult English Learners	3
EH 320 Multicultural Linguistics and Grammar	3
EH 401 Multicultural Communication	3
ESOL 465 TESOL Methods for Adult English Learners	3
ESOL 470 Practicum in TESOL	3
Note: Students must have had English 101 and 102 with a grade of C or higher to be admitted to Certificate Program	
Total Required Hours	15

Certificate – Teaching English to Speakers of Other Languages (TESOL) with Specialization in Teaching English to Young Learners

Requirements for the Certificate in Teaching English to Speakers of Other Languages with a Specialization in Teaching English To Young Learners (**a grade of “C” or better must be achieved on all required courses; please consult course descriptions for possible prerequisites**):

Course	Hours
ESOL 328 Introduction to Linguistics for Teachers of Young English Learners	3
EH 320 Multicultural Linguistics and Grammar	3
EH 401 Multicultural Communication	3
ESOL 463 TESOL Methods for Young English Learners	3
ESOL 470 Practicum in TESOL	3
Note: Students must have had English 101 and 102 with a grade of C or higher to be admitted to Certificate Program	
Total Required Hours	15

Course Descriptions

The courses below were approved for implementation following the publication of the 2022-23 Undergraduate Academic Catalog. Please refer to the 2022-23 Course Descriptions catalog section for additional course information.

Criminal Justice (CJ)

- CJ 330 Drugs and Human Trafficking (3 Sem. Hrs.) (Also listed as HCS 330)**
This course introduces the student to the establishment and evolution of drugs and human trafficking in the United States and abroad. The course will examine the connection between organized crimes committed independently and dependently of organized drug and human traffickers and trafficking rings and enterprises. This course will discuss state and federal laws and policies created to reduce, detect, investigate, and apply regarding drugs and human trafficking, immigration, human smuggling and victimization. The skill of identifying drug and human trafficking enterprises and smuggling are also discussed.
- CJ 350 Introduction to the American Legal System (3 Sem. Hrs.) (Also listed as PO 350, REMOVED crosslisted PSHA 350)**
This course is a review of basic legal doctrines and processes in the U.S. system of jurisprudence. Students are introduced to a wide variety of topics in civil and criminal justice. Topics include the theory and nature of law as a device for social control, torts, contracts, and ownership of property. The course is structured to provide prelaw majors with limited exposure to the many social conflicts managed by law and courts, and to provide education majors with an overview of law-related topics necessary for civics instruction.
- CJ 440 Homeland Security (3 Sem. Hrs.) (Also listed as HCS 440)**
This course is designed to provide criminal justice students with an introduction to homeland security training and procedures. This course will prepare students interested in federal as well as state laws, practices, and procedures related to investigation, detainment, and prosecution of domestic as well as foreign threats to national security to the United States. This course will explore the management, assessment, supervision of homeland security to all federal agencies authorized by our government.
- CJ 445 Intelligence and Espionage (3 Sem. Hrs.) (Also listed as HCS 445)**
This course introduces the student to the relationships between the U.S. intelligence community and the homeland security enterprise. In doing so, a historical perspective will be provided to highlight the increasingly important role intelligence has played and will play in securing the homeland. The course presents the evolving relationship between intelligence and the homeland security enterprise, with particular emphasis on the roles, capabilities and challenges of intelligence support to the homeland security enterprise.
- CJ 446 Public Sector Organizational Theory and Management (3 Sem. Hrs.) (REMOVED crosslisted PSHA 446)**
This course examines the structure and functioning of public sector organizations focusing on agencies involved in the areas of public safety and health administration. Major theories and concepts relating to structure, behavior, and management practices of public organizations are examined.
- CJ 455 Ethics in the Public Sector (3 Sem. Hrs.) (Also listed as HS 460, REMOVED crosslisted PSHA 455)**
This course examines ethical issues encountered by employees of governmental agencies, both in terms of management practices and interactions with the public. The course explores application of codes of ethics, theories of ethical decision making, and ethical principles impacting various aspects of the public sector.

General Science (GS)

- GS 464 Research in General Science (4 Sem. Hrs.)**
This course is designed for the advanced student with an interest in continuing their career in general science research. This course will be offered on occasion of student demand or need.
- GS 480 Advanced Research Seminar (4 Sem. Hrs.)**
Prerequisite: CIS 202 and GS 464
This course affords a student the opportunity to develop and present and/or publish the results of research. This course will be offered on occasion of student demand or need.

Homeland and Corporate Security (HCS)

- HCS 300 Introduction to Homeland Security (3 Sem. Hrs.)**
This is an introductory course to discuss the transition from the creation of homeland security to the formation of the current modern-day homeland security agency and system. This course will discuss more modern and innovative technologies utilized in homeland security to assist agents with apprehension, investigation, prevention and security measures, critical infrastructure protection, intelligence, risk management, legal and ethical issues, border security, and interagency and intergovernmental relations.

- HCS 310 Security and Private Security (3 Sem. Hrs.)**
This homeland security course will examine the organization and management of the security function in industry, governmental agencies, and homeland security. The exploration of methods to protect personnel, facilities, and other major assets, loss prevention, control, cybersecurity, and risk management are also discussed in relationship to homeland security and other government agencies and systems.
- HCS 320 Organization and Management (3 Sem. Hrs.)**
This course will provide general knowledge and understanding of the basic structure, organization and management of homeland security agencies in order to examine personnel; theoretical, traditional, and modern management styles; and approaches utilized to solve problems and create innovative approaches of the agency administration.
- HCS 330 Drugs and Human Trafficking (3 Sem. Hrs.) (Also listed as CJ 330)**
This course introduces the student to the establishment and evolution of drugs and human trafficking in the United States and abroad. The course will examine the connection between organized crimes committed independently and dependently of organized drug and human traffickers and trafficking rings and enterprises. This course will discuss state and federal laws and policies created to reduce, detect, investigate, and apply regarding drugs and human trafficking, immigration, human smuggling and victimization. The skill of identifying drug and human trafficking enterprises and smuggling are also discussed.
- HCS 410 Incident Command and Disaster Recovery (3 Sem. Hrs.)**
This course is designed to provide the student with the requisite skills to create strategic emergency management plans with a hazard-specific focus. Learn a cohesive approach to emergency management that includes operations plans to prepare, prevent, protect, respond and recover. This strategic hazard-specific plan will integrate the Planning Cycle method to maintain a high-level of continual preparedness. This course will also integrate the knowledge acquired in subsequent EMCP courses in developing functional operations planning to manage and coordinate complex natural, technological and political emergencies.
- HCS 420 Weapons of Mass Destruction (3 Sem. Hrs.)**
The student will be introduced to the basic understanding of terrorism and how to effectively plan how to protect their communities from attack involving weapons of mass destruction. Upon completion, the student will be able to define and discuss terrorism and weapons of mass destruction. They will learn to formulate protective strategies and to implement tactical procedures to protect their communities from terrorist attacks.
- HCS 430 Physical Security Assessment and Systems Integration (3 Sem. Hrs.)**
This course will focus on the development and implementation of a Vulnerability Assessment program. Students will look at the Vulnerability Assessment's role in the Risk Assessment process and learn how to support the development of the Hazard Mitigation Plan and the Site Physical Security Program. Students will also learn the CARVER system, which is a step-by-step approach to Vulnerability Assessment, and identify the application of the program. The student will learn to apply a research methodology for gathering information, conducting investigations, conducting interviews, briefings with state, federal, and private clients. This course will explore physical structures of facilities, cyber security, and physical securities for assessment management and tests. Personnel access, traffic control and other mitigation measures are covered.
- HCS 440 Homeland Security (3 Sem. Hrs.) (Also listed as CJ 440)**
This course is designed to provide criminal justice students with an introduction to homeland security training and procedures. This course will prepare students interested in federal as well as state laws, practices, and procedures related to investigation, detainment, and prosecution of domestic as well as foreign threats to national security to the United States. This course will explore the management, assessment, supervision of homeland security to all federal agencies authorized by our government.
- HCS 445 Intelligence and Espionage (3 Sem. Hrs.) (Also listed as CJ 445)**
This course introduces the student to the relationships between the U.S. intelligence community and the homeland security enterprise. In doing so, a historical perspective will be provided to highlight the increasingly important role intelligence has played and will play in securing the homeland. The course presents the evolving relationship between intelligence and the homeland security enterprise, with particular emphasis on the roles, capabilities and challenges of intelligence support to the homeland security enterprise.
- HCS 450 Surveillance and Investigative Techniques (3 Sem. Hrs.)**
An examination of basic police surveillance and counter-surveillance procedures and methods, including foot and vehicle; one-, two- and three-person or ABC surveillance; aerial platform; and electronic and stationary surveillance operations. Hand on training includes topic definition and history of surveillance, four basic methods of surveillance, foot surveillance operations, vehicle surveillance procedures, stationary surveillance methods, aerial platform surveillance, counter-surveillance operations, detecting and eluding surveillance operatives, and presentation of surveillance evidence in court.
- HCS 455 Current Topics in Global Security (3 Sem. Hrs.)**
This course will engage its students with a broad range of global political topics implicated in the challenging security environment of the 21st century. Beginning with an intensive survey of the disciplinary approaches to the study of security common throughout the 20th century, it quickly transitions into a topical course exploring contemporary security issues through multi- and interdisciplinary lenses. This methodological pluralism, a strength of security studies as a program of inquiry, will prepare students not only to contemplate security as a complex and contested concept in the language of the academy, but also to address discrete, pressing issues in the realm of practical public policy. Informed by theories of international relations, fundamental issues such as the globalization of security studies and evolving relationships between security and environmental, economic, and social issues are critically explored.

- HCS 460 Threat System Management (3 Sem. Hrs.)**
 This course examines analytical and policy skills used to frame the issues of risk so that other participants in local, national and international policy processes will understand the global need for disaster reduction, and act in constructive ways. Topics include the scope of risk to human communities that is emerging on a global scale from natural and man-made disasters, a critical review of the consequences of terrorism for metropolitan regions around the world, policy issues involved in coping with the political, social and economic consequences of disasters, and the interdependence of these issues with other forms of development, the range of perspectives - scientific, economic, political, organizational and social - that are involved in understanding the consequences of disaster for human communities, the links between the vulnerability of communities to disaster and the consequences of political and economic instability that lead to civil conflict. In addition, decision making processes that illustrate the conflicting interests among multiple policy audiences in recovery from hypothetical disasters are also explored.
- HCS 465 Senior Research Project (Capstone) (4 Sem. Hrs.)**
Prerequisites: Senior standing and permission of instructor
 This course provides a capstone experience for senior Homeland Security Majors. This course is available only to Homeland Security majors and is taken during their last term in the degree program. This course consists of four elements: (1) an observation experience at an office or agency engaged in the application of theories and concepts in a subfield of Homeland Security; (2) an approved thesis and issue paper on a contemporary issue facing homeland security leaders at the national, state, or local levels and presentation of this research to selected full-time faculty at Athens State University; (3) a supervised review of selected professional literature; and (4) a sufficient score on an externally validated exit exam. Students should consult with their academic advisor prior to registration for this course.

Health Science (HS)

- HS 300 Foundations of Public Health (3 Sem. Hrs.)**
 This course is intended to provide the history and philosophy behind public health practice, and introduce the fundamental concepts, core disciplines, and essential functions of public health in society. Material in this class is organized according to five thematic topics in public health: 1) foundational concepts, 2) methods of analysis, 3) biomedical bases, 4) social and behavioral factors, and 5) environmental issues.
- HS 305 Survey of Human Disease (3 Sem. Hrs.)**
Prerequisite: HS 300
 This course is designed as an introduction to the underlying source of human health and disease including opportunities for promoting and protecting health across the life course. Thus, students are introduced to concepts, classifications, development, and associated lifestyle patterns that promote human diseases, with an emphasis on disease intervention at the preventive level.
- HS 310 Survey of Human Disease (3 Sem. Hrs.)**
Prerequisite: HS 300
 This course introduces students to the social and systemic factors affecting individual and population health. We will define key concepts of health equity/inequity and social justice with a focus on relating broad trends in global health to local examples in our state and region. The course will cover determinants of health inequity including childhood/motherhood, environment, occupation, gender/sexual orientation and identity, race and ethnicity, socio-economic, nutrition, and disability. The often, complex impact of these determinants will then be applied to case studies of "diseases of disparity," with examples in tropical disease, infectious disease, chronic diseases, violence, and substance abuse. We will conclude with an overview of strategies for organizational and communal change through public health practice. As an introductory course, it is intended to generate ideas and provide a background for the further study of health inequity, whether as public health practitioners, researchers or those with a career in the health sciences.
- HS 352 Sociology of Health and Illness (3 Sem. Hrs.) (Also listed as SOC 352)**
 This course utilizes the sociological perspective to introduce a range of topics which illustrate the intimate connection between human behavior and health outcomes, the behavior of the healthcare institution, and the nature of the United States healthcare system.
- HS 400 Public Safety and Health Education (3 Sem. Hrs.) (REMOVED crosslisted PSHA 400)**
 This course surveys the development and current state of training and education for selected safety and health related professions and "paraprofessional" fields. The focus of the course will be on the development of professional education in allied health and safety fields, and students will be able to pursue research regarding education and training programs from particular safety and health disciplines and paraprofessional fields.
- HS 451 Environmental Health and Regulation (3 Sem. Hrs.) (Also listed as OHSM 451)**
 This course provides an in-depth examination of the creation, development, and operations of governmental processes and agencies at all levels relating to environmental awareness and protection activities in the public sector. The interactions among the historical development of environmental awareness in America, the emergence of the Environmental Movement and advocacy groups, and various governmental actors are examined. The course examines governmental responses in terms of the creation of environmentally-focused agencies, passage of legislation, and administrative rule-making and regulation.
- HS 460 Ethics in Public Sector (3 Sem. Hrs.) (Also listed as CJ/PSHA 455)**
 This course examines ethical issues encountered by employees of governmental agencies, both in terms of management practices and interactions with the public. The course explores application of codes of ethics, theories of ethical decision making, and ethical principles impacting various aspects of the public sector.

History (HY)

HY 412 Modern China (3 Sem. Hrs.)

This course in modern Chinese history examines events and/or periods in China's history from 1644 to the current period. The period from 1644 to the Opium Wars will be covered briefly and most of the course will focus on the period from the Opium Wars forward. Within historical context, students will also study, read, discuss and write on challenges that contemporary China faces.

Management (MG)

MG 349 Human Resources Management (3 Sem. Hrs.) (Removed crosslisted course PSHA 349)

A study of the technical functions of HRM. Emphasis is on their application to programs that foster employee commitment to objectives in a competitive, global economy. Course will explore challenges facing the HRM professional, as well as specific focus on the role of managers in the administration of HR activities. The challenges include technical functions such as recruitment and selection, training and development, design, administration of compensation and benefits plans, collective bargaining, and initiatives like quality-of-work life programs. The ways in which HRM works toward organizational goals in a time of rapid change will also be examined.

MG 482 Space Mission Planning, Communications, and Control (3 Sem. Hrs.)

This course addresses the concepts of space mission conceptualization, planning, communications, and control while operating in near Earth and planetary orbits. Previous mission planning from NASA missions such as those used during International Space Station, Space Shuttle, Project Apollo and other sources will be utilized as well as un-crewed missions such as the Mars Perseverance Rover. Students will develop and simulate a typical mission in a team environment, including communications and data management utilizing a simulated world-wide deep space network using ZOOM. The team mission will be published as part of the class.

Occupational Health and Safety Management (OHSM)

OHSM 448 Managing the Public Safety and Health Emergency (3 Sem. Hrs.)

Prerequisite: This course is open only to majors in CJ, Health and Wellness, OHSM, or Health Science, or by permission of an OHSM faculty member

This course utilizes case studies and current literature to examine issues involved in preparation for and response to various situations faced by responders to major incidents involving public safety and health emergencies and crises. Special focus is placed on the structure and functioning of an incident command system under the National Incident Management System.

OHSM 451 Environmental Health and Regulation (3 Sem. Hrs.) (Also listed as HS 451)

This course provides an in-depth examination of the creation, development, and operations of governmental processes and agencies at all levels relating to environmental awareness and protection activities in the public sector. The interactions among the historical development of environmental awareness in America, the emergence of the Environmental Movement and advocacy groups, and various governmental actors are examined. The course examines governmental responses in terms of the creation of environmentally-focused agencies, passage of legislation, and administrative rule-making and regulation.

Political Science (PO)

PO 350 Introduction to the American Legal System (3 Sem. Hrs.) (Also listed as CJ 350, REMOVED crosslisted PSHA 350)

This course is a review of basic legal doctrines and processes in the American system of jurisprudence. Students are introduced to a wide variety of topics in civil and criminal justice. Topics include the theory and nature of law as a device for social control, torts, contracts, and ownership of property. The course is structured to provide prelaw majors with exposure to the many social conflicts managed by law and courts and to provide education majors with an overview of law-related topics necessary for civics instruction.

Public Safety and Health Administration (PHSA)

Major ended effective Spring 2023