

## Minors

Degree-seeking students can choose to complete coursework for one or more minors in addition to the coursework required for a degree/major. In order to have completion of the minor(s) noted on the official transcript, all requirements for each minor being pursued must be completed, and additional minors must **not** have more than 6 semester hours of course requirements in common with any other minor. As specified in the *General University Requirements for Graduation* policy, in order to earn the minor, a student must complete **a minimum of six (6) semester hours of upper-level coursework in the minor from Athens State University.**

**Students cannot receive credit for completing minors that clearly overlap any majors being completed; for example, a student majoring in Biology cannot receive credit for completion of a minor in Biology.**

Some degree programs require students to complete a minor (approved by the academic advisor) in addition to the coursework required for the degree/major. These degree and program specific requirements are published in the appropriate degree/major section of the University catalog.

<b>College of Arts and Sciences: Minors Available</b>
Art
Art History
Behavioral Science
Biology
Chemistry
Computer Forensics
Computer Networking
Computer Science
Criminal Justice
Drama
English
Gender/Multicultural Studies
Gerontology
Globalization
Health Fitness
History
Human Development
Information Security – <b>open to Information Technology majors (either option) only</b>
Information Technology
Marine Science
Mathematics
Music (Vocal)
Political Science
Psychology
Public Safety and Health Administration
Religion
Religious Education
Sociology

<b>College of Business: Minors Available</b>
Accounting – <b>not open to Accounting majors</b>
Acquisition and Contract Management
Aviation Management
Business Administration – <b>open to non-College of Business majors only</b>
Enterprise Systems Management
Finance
Forensic Accounting
Health Care Management
Human Resource Management
Information Assurance Management
Information Systems Management

<b>College of Business: Minors Available</b>
International Business
Logistics and Supply Chain Management
Marketing
Operations Management
Project Management
Small Business/Entrepreneurship – <b>not open to Accounting with Minor majors</b>
Tailored Business Minor – <b>open to College of Business majors only</b>

<b>College of Education: Minors Available</b>
Autism and Developmental Disabilities
Early Childhood Education
Early Childhood/Special Education
Educational Technology
English Language Learner (ELL)
Instructional Design
Middle Level Education
Professional Studies

## **Accounting Minor**

This minor is open to students in all majors except for students in the Accounting major options. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	AC 305 Fundamentals of Accounting I <b>or</b> BUS 241 Principles of Accounting I	<b>3</b>
	AC 306 Fundamentals of Accounting II <b>or</b> BUS 242 Principles of Accounting II	<b>3</b>
	AC 315 Managerial Accounting <b>or</b> BUS 248 Managerial Accounting	<b>3</b>
	AC 321 Intermediate Accounting I	<b>3</b>
	AC 322 Intermediate Accounting II	<b>3</b>
	<b>One course from the following:</b> AC 312 Law for Accountants AC 323 Intermediate Accounting III AC 361 Federal Tax Accounting I AC 362 Federal Tax Accounting II AC 401 Auditing AC 435 Governmental Accounting AC 441 Special Topics in Accounting AC 451 Forensic Accounting I AC 452 Forensic Accounting II	<b>3</b>
	<b>Total Required Hours for Accounting Minor:</b>	<b>18</b>

## **Acquisition and Contract Management Minor**

This minor is open to students in all majors except for students in the Acquisition and Contract Management major option. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	ACM 394 Introduction to Acquisition and Contract Management	<b>3</b>
	ACM 395 Acquisition and Contract Management Pricing	<b>3</b>
	ACM 396 Acquisition and Contract Management Administration	<b>3</b>
	ACM 397 Acquisition and Contract Management Negotiations	<b>3</b>
	ACM 398 Government Contract Law	<b>3</b>
	ACM 400 Advanced Acquisition and Contract Research/Project	<b>3</b>
	<b>Total Required Hours for Acquisition and Contract Management Minor:</b>	<b>18</b>

## **Art Minor**

This minor is open to students in all majors except for students in the Art major options. **Please consult course descriptions for possible prerequisites.** Art minors should notify a member of the art faculty of their intentions as soon as the art minor is declared.

	<b>Course</b>	<b>Hours</b>
	AR 312 Figure Drawing	<b>3</b>
	AR 423 History of Modern Art	<b>3</b>
	AR 424 Late Modern Art History	<b>3</b>
	AR 430 Advanced Drawing and Design <b>or</b> AR 410 Adobe Illustrator Design	<b>3</b>
	Art Electives	<b>6</b>
	<b>Total Required Hours for Art Minor:</b>	<b>18</b>

## Art History Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

The Art History minor will teach students to analyze the visual history, art theory, and art criticism of visual traditions in the world. A minor in Art History is particularly suited for students pursuing careers in art, art education, history, anthropology, archaeology, classics, English, foreign literature, cultural studies, international business, and arts administration. The study of art history improves a student's visual perception and enhances their critical understanding of human expression. Students learn to understand art within the contexts of time, place, religion, politics, philosophy, culture, technology, society, and gender. This minor is designed for completion entirely on-line in web-based education.

Stipulations for the Art History minor:

- No more than one independent study course may count toward the minor in Art History.
- No more than two courses may be applied toward both this minor and a major or minor. By petition, two upper division courses with substantial art historical content and methodology applied toward the student's major may also be applied toward this minor. These courses do not have to be in the distance learning (DL) format.
- Courses to be counted in the minor must be taken for a grade (may not be taken pass/fail).

	Course	Hours
	AR 342 Art of the Ancient Americas	3
	AR 343 Renaissance Art History	3
	AR 421/RE 421 Sacred Art in History	3
	AR 423 History of Modern Art	3
	AR 424 Late Modern Art History	3
	AR 426 Critical Theories in Art	3
	<b>Total Required Hours for Art History Minor:</b>	<b>18</b>

## Autism and Developmental Disabilities Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	SE 460 Students on the Autism Spectrum	3
	SE 462 Evidence-Based Intervention Strategies for Autism and Developmental Disabilities	3
	SE 464 Using Behavior Analysis for Effective Teaching	3
	SE 466 Supporting Children & Adults with Complex Communication Needs	3
	<b>Two courses from the following (courses from other areas may be considered as approved by the faculty advisor through the University Curriculum Adjustment process):</b>	<b>6</b>
	<b>Special Education Electives</b> SE 301 Survey of Exceptional Learners SE 315 Characteristics & Identification of Students w/Mod. to Severe Disabilities SE 402 Assessment of Exceptional Learners SE 435 Curriculum & Instruction for Students w/Moderate to Severe Disabilities	
	<b>Cultural Studies/Child Development Electives</b> ED 312 Cultural Competence and Responsiveness PSY 210 Human Growth and Development PSY 211 Child Growth and Development <b>or</b> PS 332 Child Psychology PS 334 Adolescent Psychology <b>or</b> PS 335 Adult Psychology PS/SO 301 Gender and Multicultural Studies	
	<b>Total Required Hours for Autism and Developmental Disabilities Minor:</b>	<b>18</b>

### **Aviation Management Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

Course	Hours
MG 471 Aviation Law	3
MG 472 Aviation Safety and Security Management	3
MG 473 Mgt. of Air Traffic Control Fund	3
MG 474 General Aviation Management <u>or</u> MG 390 Operations Management	3
MG 475 Aviation Weather Management	3
MG 47x Aviation Management Elective	3
<b>Total Required Hours for Aviation Management Minor:</b>	<b>18</b>

### **Behavioral Science Minor**

This minor is open to students in all majors except for students in the Behavioral Science major option. **Please consult course descriptions for possible prerequisites.**

Course	Hours
PS 334 Adolescent Psychology	3
PS 335 Adult Psychology	3
SO 312 Majority/Minority Relations	3
SO 362 Deviant Social Behavior	3
<b>One course from this group:</b> PS 304 Drugs and Behavior PS 352 Abnormal Psychology PS 406 Physiological Psychology	3
<b>One course from this group:</b> PS 331 Social Psychology PS 332 Child Psychology PS 402 Clinical Psychology SO 360 Contemporary American Family SO 471 Aging in a Mass Society	3
<b>Total Required Hours for Behavioral Science Minor:</b>	<b>18</b>

### **Biology Minor**

This minor is open to students in all majors except for students in the Biology major options. **Please consult course descriptions for possible prerequisites.** A minor in Biology requires completion of a minimum of 18 semester hours of biology coursework, including a minimum of 6 semester hours of upper division coursework which must be taken at Athens State University.

Course	Hours
Principles of Biology I, II or the equivalent	8
Biology Electives	10
<b>Total Required Hours for Biology Minor:</b>	<b>18</b>

### **Business Administration Minor**

This minor is open to non-business majors only. **Please consult course descriptions for possible prerequisites.**

Course	Hours
AC 305 Fundamentals of Accounting I	3
EC 310 Modern Economics <u>or</u> ECO 231 Principles of Macroeconomics	3
GBA 305 Statistical Methods of Business I	3
GBA 311 The Legal Environment of Business	3
MG 320 Organizational Communication*	3
MG 346 Prin. of Management & Leadership* <u>or</u> BUS 275 Principles of Management	3
MG 350 Financial Management*	3
MK 331 Marketing Principles* <u>or</u> BUS 285 Principles of Marketing	3
<b>*LiveText is required for these courses</b>	
<b>Total Required Hours for Business Administration Minor:</b>	<b>24</b>

## **Chemistry Minor**

This minor is open to students in all majors except for students in the Chemistry major options. **Please consult course descriptions for possible prerequisites.** A minor in Chemistry requires 20 semester hours of chemistry coursework including a minimum of 9 semester hours of upper division coursework which must be completed at Athens State University.

Course	Hours
College Chemistry I and II	8
CH 324 /CH 324L Analytical Chemistry	4
Upper Level 300/400 Chemistry courses approved by Chemistry Faculty Advisor	8
<b>Total Required Hours for Chemistry Minor:</b>	<b>20</b>

## **Computer Forensics Minor (for non-CS and non-ITE majors)**

Students in Criminal Justice or majors/minors **other** than Computer Science (CS), Information Technology (ITE), or Information Technology: Computer Networking Option must complete the following courses for a minor in Computer Forensics.

Course	Hours
CS 317 Computer Science I <b>or</b> sufficient score on Placement Exam*	0-3
ITE 315 Scripting Languages and System Administration	3
CJ/PO 302 Criminal Law	3
CJ 400 Law Enforcement in America	3
ITE 420 Fundamentals of Information Security	3
ITE 421 Digital Forensics	3
CS 454 System Security Management	3
* Students who have completed CIS 251 C** Programming or the equivalent may take a placement exam. Following the policy in place for students majoring in Computer Science or Information Technology, the CS 317 requirement (zero hours awarded) may be waived provided a sufficient score is achieved on this exam.	
<b>Total Required Hours for Computer Forensics Minor (non-CS, non-ITE majors):</b>	<b>18-21</b>

## **Computer Forensics Minor (for CS and ITE majors only)**

Students majoring in Computer Science (CS), Information Technology (ITE), or Information Technology: Computer Networking Option must complete the following courses for a minor in Computer Forensics.

Course	Hours
CJ 301 Criminal Justice Process <b>or</b> CJ 401 Adult Corrections <b>or</b> CJ 452 Advanced Criminology <b>or</b> CH 302 Introduction to Forensic Science	3
CJ/PO 302 Criminal Law	3
CJ 400 Law Enforcement in America	3
ITE 420 Fundamentals of Information Security	3
ITE 421 Digital Forensics	3
CS 454 System Security Management	3
<b>Total Required Hours for Computer Forensics Minor (CS and ITE majors):</b>	<b>18</b>

## **Computer Networking Minor (for non-CS and non-ITE majors)**

Students in majors **other** than Computer Science (CS), Information Technology (ITE), or the Information Technology: Computer Networking option must complete the following courses for a minor in Computer Networking.

Course	Hours
CS 309/309L Introduction to Digital Logic Design	4
CN 301 Networking Fundamentals	2
CN 302 Local Area Networks	2
CN 303 Wide Area Networks	2
CN 304 Network Architecture	2
CN 401 Internetworking Devices	2
CN 402 The Internet	2

	CN 403 Network Processes and Protocols	2
	CN 404 Enterprise Network Design and Management	2
	CN 405/405L Network Security and Network Security Lab	4
	<b>Total Required Hours for Computer Networking Minor (non-CS, non-ITE majors):</b>	<b>24</b>

### **Computer Networking Minor (for CS, ITE majors only)**

This minor is not open to students in the Information Technology: Computer Networking option. Students majoring in Computer Science (CS) or Information Technology (ITE) must complete the following courses for a minor in Computer Networking.

	Course	Hours
	CN 301 Networking Fundamentals	2
	CN 302 Local Area Networks	2
	CN 303 Wide Area Networks	2
	CN 304 Network Architecture	2
	CN 401 Internetworking Devices	2
	CN 402 The Internet	2
	CN 403 Network Processes and Protocols	2
	CN 404 Enterprise Network Design and Management	2
	CN 405/405L Network Security and Network Security Lab	4
	<b>Total Required Hours for Computer Networking Minor (CS and ITE majors):</b>	<b>20</b>

### **Computer Science Minor**

This minor is open to students in all majors except for students in the Computer Science, Information Technology, or Information Technology: Computer Networking major options. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	MA 308 Discrete Mathematics	3
	Microcomputer Applications	3
	CS 309/CS309L Introduction to Digital Logic Design	4
	CS 317 Computer Science I	3
	CS 318 Computer Science II	3
	CS 372 Data Structures	3
	CS 472 Algorithm Analysis	3
	<b>Total Required Hours for Computer Science Minor:</b>	<b>22</b>

### **Criminal Justice Minor**

This minor is open to students in all majors except for students in the Criminal Justice major options. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	CJ 301 Criminal Justice Process	3
	CJ 302 Criminal Law	3
	CJ 452 Advanced Criminology	3
	Criminal Justice or Children's Advocacy Studies Training (CAST) Electives	9
	<b>Total Required Hours for Criminal Justice Minor:</b>	<b>18</b>

## **Drama Minor**

This minor is open to students in all majors except for students in the Drama and Theatre Arts major option. **Please consult course descriptions for possible prerequisites.** Students must choose six (6) of the below listed courses and are required to take at least one class from each category (unless they receive prior approval from the English Department faculty member).

	<b>Course</b>	<b>Hours</b>
	<b><u>Dramatic Literature &amp; Criticism (at least one course from this category):</u></b> EH 313 Modern American Drama EH 331 Dramatic Theory & Criticism EH 426 Renaissance Drama EH 455 Theatre for Young Audiences	<b>3</b>
	<b><u>Performance: (at least one course from this category):</u></b> EH 333 Acting I EH 334 Acting II: Scene Study and Acting Shakespeare EH 335 Movement and Stage Combat	<b>3</b>
	<b><u>Production (at least one course from this category):</u></b> EH 311 Drama Production EH 319 Technical Theater EH 322 Costume Design EH 466 Practicum in Production	<b>3</b>
	<b><u>Other (at least one course from this category):</u></b> EH 310 Film: History, Development, and Evaluation EH 332 Adaptation and the Arts EH 405 Playwriting	<b>3</b>
	<b>Two additional courses from the above categories</b>	<b>6</b>
	<b>Total Required Hours for Drama Minor:</b>	<b>18</b>

## **Early Childhood Education Minor**

This minor is open to students in all majors except for students in the Early Childhood Education major option. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	CHD 201 Child Growth and Development <b>or</b> PSY 210 Human Growth and Development <b>or</b> PSY 211 Child Growth and Development <b>or</b> PS 332 Child Psychology	<b>3</b>
	EL 315 Principles and Methods of Teaching Kindergarten	<b>3</b>
	ER 318 Literature in Early Childhood Education	<b>3</b>
	ER 327 Classroom Management in Early Childhood Education	<b>3</b>
	<b>Two courses from the following:</b> ER 302 Language Development and Developmental Interactions ER 309 Early Brain Development ER 319 Literacy and Literature for the Young Child ER 326 Assessment in Early Childhood Classrooms ER 400 Children's Play as Symbolic Behavior ER 402 Preschool Curriculum ER 420 Parenting and Community Relations ER 430 Investigation, Experimentation and Inquiry	<b>6</b>
	<b>Total Required Hours for Early Childhood Education Minor:</b>	<b>18</b>

## **Early Childhood/Special Education Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	SE 301 Survey of Exceptional Learners	<b>3</b>
	SE 303 Introduction to Early Childhood Special Education	<b>3</b>
	SE 315 Characteristics & Identification of Students w/Mod. to Severe Disabilities	<b>3</b>
	SE 400 Methods Adapting Early Childhood Curricula for Children with Special Needs	<b>3</b>
	<b>Two courses from the following:</b> ER 302 Language Development and Developmental Interactions	<b>6</b>



	ER 309 Early Brain Development ER 318 Literature in Early Childhood <b>or</b> EL 320 Children’s Literature ER 326 Assessment in Early Childhood Classrooms ER 400 Children’s Play as Symbolic Behavior ER 402 Preschool Curriculum PSY 210 Human Growth and Development* <b>or</b> PS 332 Child Psychology  *Prerequisite: PSY 200 General Psychology	
	<b>Total Required Hours for Early Childhood Education Minor:</b>	<b>18</b>

### **Educational Technology Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

Course	Hours
ED 307 Teaching Strategies for the Digital Age*	<b>3</b>
ED 308 Curriculum Design and Assessment for the e-Classroom*	<b>3</b>
ED 410 Curriculum Integration of Technology for Elementary Learners* <b>or</b> ED 411 Curriculum Integration of Technology for Secondary and Adult Learners*	<b>3</b>
<b>Educational Technology Electives</b> - Choose <b>two</b> of the following courses:  ED 407 Emerging Instructional Technologies* ED 408 Issues and Trends in Educational Technology* ED 409 Special Topics in Educational Technology (by permission of instructor only)* ED 413 Interactive Learning Environments*  * <b>These courses require intermediate-level technology/computer skills (e.g., word processing, slide presentations, and basic video production)</b>	<b>6</b>
<b>Multimedia Elective***</b> - Choose <b>one</b> of the following courses:  ED 305 Technology and Media in Education AR 335 Topics in Adobe Photoshop AR 410 Adobe Illustrator Design AR 435 Computer Graphic Design  ART 178 Audio-Visual Techniques ART 221 Computer Graphics ART 253 Graphic Design I AR 254 Graphic Design II ART 283 Graphic Animation I ART 284 Graphic Animation II CAT 283 Graphics and Animation CIS 151 Graphics for the World Wide Web CIS 197C Dreamweaver <b>or</b> CIS 197D Flash <b>or</b> CIS 197H Photoshop CIS 208 Intermediate Web Development CIS 209 Advanced Web Development CIS 223 Three Dimensional Computer Modeling CIS 224 Three Dimensional Computer Animation VCM 254 Graphic Design VCM 255 Advanced Graphic Design VCM 285 Multimedia Production VCM 286 Advanced Multimedia Production *** <b>Other elective courses may be considered as approved by the faculty advisor through the University Curriculum Adjustment process</b>	<b>3</b>
<b>Total Required Hours for Educational Technology Minor:</b>	<b>18</b>

## English Minor

This minor is open to students in all majors except for students in the English major options. **Please consult course descriptions for possible prerequisites.** At least 12 semester hours of the requirements for the English minor must be taken at Athens State University.

	Course	Hours
	EH 312 Dramatic Literature	3
	EH 425 Shakespeare	3
	EH 431 Poetry and Poetics	3
	<b>Four courses from the following:</b> EH 304 Southern Literature EH 307 Major Authors I EH 308 Major Authors II EH 314 19 <sup>th</sup> Century British Studies EH 316 American Masterpieces EH 325 Myth: Ritual and Culture EH 330 Literary and Critical Theory EH/RE 416 Interpreting the Text EH 433 Fiction EH 440 African-American Studies EH 450 Renaissance Literature 1550-1680 EH 451 The British Novel EH 452 Chaucer and Medieval Literature EH 454 Young Adult Literature	12
<b>Total Required Hours for English Minor:</b>		<b>21</b>

## English Language Learner (ELL) Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	ED 322 Basic Principles of ELL Education	3
	ED 325 Theoretical Foundations of Language Acquisition	3
	ED 404 Methods and Materials for Teaching English Language Learners (Prerequisites: ED 322 or ED 325)	3
	ED 405 Assessment of English Language Learners	3
	<b>ELL Electives – Choose two of the courses listed below*</b>	6
	<p><b>Language Electives</b> EH 320 Grammar EH 454 Young Adult Literature EL 320 Children's Literature ER 302 Language Development and Developmental Interactions ER 318 Literature in Early Childhood Education ER 319 <b>or</b> CE 319 Literacy and Literature for the Young Child HPS 113 Spanish for Health Care Professionals HU 313 <b>or</b> HU 314 Beginning Spanish Conversation and Culture I/II (or another foreign language) SC 333 Teaching Reading/Writing in the Content Areas SPA 101 <b>or</b> SPA 102 Introductory Spanish I/II (or another foreign language introductory course) SPA 201 <b>or</b> SPA 202 Intermediate Spanish I/II (or another foreign language intermediate course)</p> <p><b>Cultural Studies/Child Development Electives</b> CA 302 Global Child Advocacy Issues ED 312 Cultural Competence and Responsiveness EL 315 Principles and Methods of Teaching Kindergarten PSY 210 Human Growth and Development PSY 211 Child Growth And Development (Prerequisite: PSY 200) PS 332 Child Psychology RE 300 Religion, Culture, and Media</p>	

	SE 455 Language Development and Developmental Interactions SO 301 Introduction to Multicultural Studies SO 312 Majority/Minority Group Relations  *Or other advisor approved electives	
<b>Total Required Hours for ELL Minor:</b>		<b>18</b>

### **Enterprise Systems Management Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

Course	Hours
ESM 300 Enterprise Systems & Business Processes	3
ESM 410 Business Intelligence Systems	3
ESM Elective (ESM 320, 330, 340, 400, 420, <u>or</u> 425)	3
ISM 400 Information Management	3
ISM 401 Systems Design Management	3
ISM 404 Managing Information Resources	3
<b>Total Required Hours for Enterprise Systems Management Minor:</b>	
<b>18</b>	

### **Finance Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

Course	Hours
ECO 231 Principles of Macroeconomics or the equivalent	3
ECO 232 Principles of Microeconomics or the equivalent	3
MG 350 Financial Management	3
FIN 301 Financial Institutions and Markets	3
<b>Select 2 courses from the following:</b> FIN 355 General Insurance <u>or</u> FIN 356 Real Estate EC 410 International Finance & Monetary Economics FIN 412 Money & Capital Markets FIN 414 Investments	6
<b>Total Required Hours for Finance Minor:</b>	
<b>18</b>	

### **Forensic Accounting Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

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
GBA 314 Business Ethics	3
<b>One course from the following:</b> AC 362 Federal Tax Accounting II AC 431 Advanced Accounting AC 435 Governmental Accounting AC 441 Special Topics in Accounting IAM 409 Management of Information Assurance	3
<b>Total Required Hours for Forensic Accounting Minor:</b>	
<b>18</b>	

## Gender and Multicultural Studies Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

**To fulfill the requirements for the Gender and Multicultural Studies minor, students must take at least 15 semester hours that do not overlap with their major or another program of study.**

	Course	Hours
	PS/SO 301 Gender and Multicultural Studies	3
	<b>Humanities (choose one course from this category):</b> AR 423 History of Modern Art AR 424 Late Modern Art History EH 325 Myth: Ritual and Culture EH 401 Speech: Conflict Management EH/RE 416 Interpreting the Text EH 440 African-American Studies EL 320 Children's Literature HY/HU 330 Landmarks of Civilization RE 301 Religions that Shaped the World RE 312 History of Judaism RE 314 History of Islam	3
	<b>Social &amp; Behavioral Science: (choose one course from this category):</b> CJ 452 Advanced Criminology ED 312 Cultural Competence and Responsiveness GO 340 South America, Africa and Asia PH 300 Moral Values in Today's Society PO/SO 351 American Public Policy/Political Sociology PS 331 Social Psychology SE 301 Introduction to Exceptional Learners SO 312 Majority/Minority Group Relations SO 360 Contemporary American Family SS 400 Culture and Globalization	3
	<b>Business (choose one course from this category):</b> EC 348 Labor Economics MG 352 International Business MG 412 Cultural Diversity & Communication Issues in International Business PS 368 Industrial and Organizational Psychology	3
	Three additional courses from the above categories	9
	<b>Total Required Hours for Gender and Multicultural Studies Minor:</b>	<b>21</b>

## Gerontology Minor

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	Course	Hours
	PS 335 Adult Psychology	3
	PS 406 Physiological Psychology	3
	SO 471 Aging in a Mass Society	3
	<b>Three courses from the following:</b> BI 320 Human Nutrition (Co-requisite: BI 320L)* HCM 340 Health Care Systems (Prerequisite: MG 346) HCM 355 Survey of Issues in Health Care Management (Prerequisite: MG 346) HCM 356 Legal and Ethical Issues in Health Care Management (Prerequisite: HCM 340) HPE 325 Kinesiology (Prerequisite: Anatomy and Physiology) HPE 327 Physiology and Exercise (Prerequisite: Anatomy & Physiology) HPE 355 Health Related Fitness and Nutrition HS 355 Health Policy in the U.S. PH 320 Biomedical Ethics PS/SO 443 Special Topics in Psychology/Sociology (related to Gerontology) PS/SO 463 Directed Study in Psychology/Sociology (related to Gerontology)	9

	PS/SO 498 Internship in Psychology/Sociology (related to Gerontology) SO 352 Sociology of Health and Illness SO 353 Sociology of Death and Dying <b>*Courses with co-requisite one-hour labs will total 4 semester hours</b>	
<b>Total Required Hours for Gerontology Minor:</b>		<b>18</b>

### **Globalization Minor**

This minor is open to students in all majors, although it is designed particularly for students majoring in business who want to gain a better political, historical, geographical, and anthropological understanding of the global aspects of commerce and business. It is also intended to allow students in the business programs to broaden their educations with courses outside of business subjects, as is repeatedly and consistently recommended by Fortune 500 companies and AACSB accreditors. **Please consult course descriptions for possible prerequisites.**

Course	Hours	
One of the following sequences: HIS 121 and 122 World History I and II FRN 101 and 102 Introductory French I and II GRN 101 and 102 Introductory German I and II SPA 101 and 102 Introductory Spanish I and II HU 313 and 314 Beginning Spanish Conversation & Culture I and II <b>or</b> Two upper level courses dealing with Global or Globalization topics (approved by the faculty)	<b>6</b>	
HY 430 Globalization: Theory and History	<b>3</b>	
HY 431 Human Expansion: A History of Trade, Travel, Tourism, and Empires	<b>3</b>	
PO 453 International Relations: America and the World	<b>3</b>	
SS 400 Culture and Globalization	<b>3</b>	
<b>Total Required Hours for Globalization Minor:</b>		<b>18</b>

### **Health Care Management Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

Course	Hours	
HCM 340 Intro. to Health Care Systems	<b>3</b>	
HCM 345 Management of Health Care Org.	<b>3</b>	
HCM 355 Survey of Issues in HCM	<b>3</b>	
HCM 356 Legal & Ethical Issues in Health Care Management	<b>3</b>	
HCM 440 Ambulatory Care Management	<b>3</b>	
HCM 460 Health Care Management Senior Seminar	<b>3</b>	
<b>Total Required Hours for Health Care Management Minor:</b>		<b>18</b>

### **Health Fitness Minor**

This minor is open to students in all majors except for students in the Health and Wellness Management major option. **Please consult course descriptions for possible prerequisites.**

Course	Hours
PED 200 Foundations of Physical Education <b>or</b> HPE 326 History and Principles of Physical Education	<b>3</b>
HED 221 Personal Health <b>or</b> HED 222 Community Health <b>or</b> HPE 354 Contemporary Health	<b>3</b>
HPE 355 Health-Related Fitness and Nutrition	<b>3</b>
HPE 356 Health Promotion	<b>3</b>
<b><u>Choose two courses from the following:</u></b> HPE 325 Kinesiology HPE 327 Physiology of Exercise	<b>6</b>

	HPE 401 Measurement and Evaluation HS 400 Public Safety and Health Education HS 447 Public Health Concepts and Systems	
<b>Total Required Hours for Health Fitness Minor:</b>		<b>18</b>

### **History Minor**

This minor is open to students in all majors except for students in the History major options . **Please consult course descriptions for possible prerequisites.**

Course	Hours	
American History	6	
European History	6	
Non-Western History	3	
History Elective	3	
<b>Total Required Hours for History Minor:</b>		<b>18</b>

### **Human Development Minor**

This minor is open to students in all majors. **At least 12 hours towards the minor must be completed at Athens State University. Please consult course descriptions for possible prerequisites.**

Course	Hours
PS 332 Child Psychology	3
PS 334 Adolescent Psychology	3
PS 335 Adult Psychology	3
<b>A minimum of three courses* from the following:</b>	<b>9</b>
BI 302 Genetics (Co-requisite: BI 302L)*	
BI 320 Human Nutrition (Co-requisite: BI 320L)*	
BI 361 Human Structure and Function (Co-requisite: BI 361L)*	
BI 424 Animal Physiology (Co-requisite: BI 424L)*	
CA 301 Perspectives in Child Maltreatment & Child Advocacy	
CA 302 Global Child Advocacy Issues	
CA 401 Child Advocacy II: Professional & System Resp. to Child Maltreatment	
CJ 453 Juvenile Delinquency	
HS 320/PH 320 Biomedical Ethics	
HS 355 Health Policy in the U.S.	
PSY 210 Human Growth and Devel. <u>or</u> PSY 211 Child Growth and Devel.	
PS 330 Educational Psychology	
SO 353 Sociology of Death and Dying	
SO 360 Contemporary American Family	
SO 471 Aging in a Mass Society	
ER 302 Language Development and Developmental Interactions	
ER 309 Early Brain Development	
ER 310 <u>or</u> CE 310 Principles of Early Childhood Education	
ER 330 <u>or</u> CE 330 Children's Constructions of Relationships through Arithmetic & Mathematical Reasoning	
ER 400 <u>or</u> CE 400 Children's Play as Symbolic Behavior	
ER 402 <u>or</u> CE 402 Preschool Curriculum	
ER 420 <u>or</u> CE 420 Parenting and Community Relations	
HPE 325 Kinesiology	
HPE/HWM 354 Contemporary Health	
HPE 431 Motor Development and Physical Activities	
SE 301 Survey of Exceptional Learners	
SE 303 Introduction to Early Childhood Special Education	
SE 315 Characteristics & Identification of Students w/Mod. to Severe Disabilities	
SE 325 Characteristics and Identification of High Incidence Disabilities	
SE 460 Students on the Autism Spectrum	
SE 462 Evidence-Based Intervention Strategies for Autism & Devel. Disabilities	

	SE 464 Using Behavior Analysis for Effective Teaching SE 466 Supporting Children & Adults with Complex Communication Needs	
	<b>*Courses with co-requisite one-hour labs will total 4 semester hours</b>	
	<b>Total Required Hours for Human Development Minor:</b>	<b>18</b>

### **Human Resource Management Minor**

This minor is open to students in all majors except for students in the Human Resource Management major option. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	MG 349 Human Resources Management <u>or</u> BUS 276 Human Resource Management	<b>3</b>
	MG 351 Labor/Management Relations	<b>3</b>
	MG 370 Performance Management in Organizations	<b>3</b>
	MG 410 Employment Law for Business	<b>3</b>
	MG 449 Advanced Human Resource Management	<b>3</b>
	EC 348 Labor Economics	<b>3</b>
	<b>Total Required Hours for Human Resource Management Minor:</b>	<b>18</b>

### **Information Assurance Management Minor**

This minor is open to students in all majors except for students in the Information Assurance major option. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	ISM 400 Information Management	<b>3</b>
	ISM 403 Data Communications Management	<b>3</b>
	ISM 404 Managing Information Resources	<b>3</b>
	IAM 409 Management of Information Assurance	<b>3</b>
	IAM 410 Information Assurance Administration and Operations Management	<b>3</b>
	IAM 411 Information Assurance Strategic Management	<b>3</b>
	<b>Total Required Hours for Information Assurance Management Minor:</b>	<b>18</b>

### **Information Security Minor**

This minor is open to Information Technology majors (either option) only. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	CIS 214 Security Analysis (PEN Testing)	<b>3</b>
	CIS 246 Ethical Hacking	<b>3</b>
	CIS 282 Computer Forensics	<b>3</b>
	CN 405/405L Network Security and Network Security Lab	<b>4</b>
	ITE 420 Fundamentals of Information Security	<b>3</b>
	Choose <b>one</b> of the following courses: CS 454 System Security Management ITE 421 Digital Forensics	<b>3</b>
	Choose <b>one</b> of the following courses: CS 414 Programming Language CS 415 Operating Systems CS 484 Applied Cryptography and System Security	<b>3</b>
	<b>Total Required Hours for Information Security Minor:</b>	<b>22</b>

## **Information Systems Management Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

Course	Hours
ISM 400 Information Management	3
ISM 401 Systems Design Management	3
ISM 402 Information Systems and Analytics	3
ISM 403 Data Communications Management	3
ISM 404 Managing Information Resources	3
ISM 408 E-Commerce Systems Management	3
<b>Total Required Hours for Information Systems Management Minor:</b>	<b>18</b>

## **Information Technology Minor**

This minor is open to students in all majors except for students in the Computer Science, Information Technology, or Information Technology: Computer Networking options. **Please consult course descriptions for possible prerequisites.**

Course	Hours
MA 308 Discrete Mathematics	3
CIS 209 Advanced Web Development <b>or</b> CS 380 Programming for the Web	3
CS 317 Computer Science I	3
CS 318 Computer Science II	3
ITE 321 Systems Analysis and Design	3
ITE 365 Visual Application Development	3
<b>Total Required Hours for Information Technology Minor:</b>	<b>18</b>

## **Instructional Design Minor**

This minor is open to students in all majors except for students in the Technical Education – Instructional Design major option. **Please consult course descriptions for possible prerequisites.**

Course	Hours
CE 306 Introduction to Instructional Design	3
CE 308 Information Design and Visual Literacy	3
ED 305 Technology and Media in Education	3
MG 353 Project Management <b>or</b> MG 357 Project Detailed Scheduling and Planning	3
<b>Instructional Design Elective</b> - Choose <b>one</b> of the following courses:  CE 444 Design and Instruction of Online Courses CE 448 Assessment of Instructional Design ED 407 Emerging Instructional Technologies ED 411 Curriculum Integration of Technology for Secondary and Adult Learners	3
<b>Multimedia Elective*</b> - Choose <b>one</b> of the following courses:  ART 178 Audio-Visual Techniques ART 253 Graphic Design I <b>or</b> AR 254 Graphic Design II AR 435 Computer Graphic Design ART 221 Computer Graphics CIS 151 Graphics for the World Wide Web VCM 254 Graphic Design <b>or</b> VCM 255 Advanced Graphic Design ART 283 Graphic Animation I <b>or</b> ART 284 Graphic Animation II AR 335 Topics in Adobe Photoshop AR 410 Adobe I Illustrator Design CAT 283 Graphics and Animation CIS 197C Dreamweaver <b>or</b> CIS 197D Flash <b>or</b> CIS 197H Photoshop CIS 223 Three Dimensional Computer Modeling CIS 224 Three Dimensional Computer Animation	3



	VCM 285 Multimedia Production <u>or</u> VCM 286 Advanced Multimedia Production	
	* Or other <b>advisor approved</b> multimedia electives	
	<b>Total Required Hours for Instructional Design Minor:</b>	<b>18</b>

### **International Business Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	EC 410 International Finance & Monetary Economics <u>or</u> EC 320 International Economics and Trade	<b>3</b>
	GBA 350 International Business Law	<b>3</b>
	MG 352 International Business	<b>3</b>
	MG 412 Cultural Diversity & Communication Issues	<b>3</b>
	<b>Select 2 courses from the following:</b> PO 453 International Relations: America and the World GBA 314 Business Ethics AR/RE 421 Sacred Art in History MK 431 Marketing Research	<b>6</b>
	<b>Total Required Hours for International Business Minor:</b>	<b>18</b>

### **Logistics and Supply Chain Management Minor**

This minor is open to students in all majors except for students in the Logistics and Supply Chain Management major option. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	LSM 300 Enterprise Systems and Business Processes	<b>3</b>
	LSM 301 Introduction to Logistics and Supply Chain Management	<b>3</b>
	LSM 320 Logistics and Distribution	<b>3</b>
	LSM 330 Logistics & Supply Chain Management in Global Environment	<b>3</b>
	LSM 401 Logistics and Supply Chain Integration Techniques	<b>3</b>
	LSM 410 Logistics and Supply Chain Strategy	<b>3</b>
	<b>Total Required Hours for Logistics and Supply Chain Management Minor:</b>	<b>18</b>

### **Marine Science Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

A Marine Science minor requires completion of 20 semester hours of marine science and/or biology coursework, at least 12 semester hours of which must be taken at Dauphin Island Sea Lab.

	<b>Course</b>	<b>Hours</b>
	Principles of Biology I, II or the equivalent	<b>8</b>
	Courses at Dauphin Island Sea Lab	<b>12</b>
	<b>Total Required Hours for Marine Science Minor:</b>	<b>20</b>

### **Marketing Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	MK 331 Marketing Principles <u>or</u> BUS 285 Principles of Marketing	<b>3</b>
	MK 333 Advertising	<b>3</b>
	MK 336 Consumer Behavior	<b>3</b>
	MK 431 Marketing Research	<b>3</b>
	MK 432 Retailing	<b>3</b>
	MK 433 Marketing Strategies and Policies	<b>3</b>
	<b>Total Required Hours for Marketing Minor:</b>	<b>18</b>

## **Mathematics Minor**

This minor is open to students in all majors except for students in the Mathematics major options. **Please consult course descriptions for possible prerequisites.** A minor in Mathematics requires 24 semester hours of mathematics including 9 semester hours of upper division coursework, at least 9 semester hours of which must be taken at Athens State University.

	<b>Course</b>	<b>Hours</b>
	Calculus Sequence	<b>12</b>
	MA 310 Linear Algebra <b>or</b> MTH 237 Linear Algebra	<b>3</b>
	MA 321 Differential Equations <b>or</b> MTH 238 Applied Differential Equations	<b>3</b>
	Upper Division Mathematics Electives (Approved Mathematics courses above the calculus sequence)	<b>6</b>
	<b>Total Required Hours for Mathematics Minor:</b>	<b>24</b>

## **Middle Level Education Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	ED 304 Action Research and Qualitative Inquiry	<b>3</b>
	PS 334 Adolescent Psychology	<b>3</b>
	SC 350 Foundations of Middle Level Education	<b>3</b>
	SC 430 Curriculum Design for the Middle Level Learner	<b>3</b>
	Two 300-400 level courses from <b>one</b> content area below ( <b>courses from other areas may be considered as approved by the faculty advisor through the University Curriculum Adjustment process</b> ): Biology Chemistry English General Science History Mathematics Social Sciences (any combination of two EC, GO, HY, PO, SS courses)	<b>6</b>
	<b>Total Required Hours for Middle Level Education Minor:</b>	<b>18</b>

## **Music (Vocal) Minor**

This minor is open to students in all majors, although it is designed particularly for students who have transferred to Athens State from a community college after earning an associate's degree with a music concentration. The minor will be valuable to students in the Teacher Education program as it would qualify them to direct a school choir. The minor will also provide students with the foundation to be a church or community choir director as a full- or part-time job. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	MUS 111/113 Music Theory I/Music Theory I Lab	<b>4</b>
	MUS 112/114 Music Theory II/Music Theory II Lab	<b>4</b>
	MUL 100 or 200 level Music Ensemble courses (1-2 Sem. Hrs. each)	<b>4</b>
	MU 300 or 400 level Music History course	<b>3</b>
	MU 300 or 400 level Elective or Conducting course	<b>3</b>
	MUP 300 or 400 level Private Lesson courses	<b>4</b>
	<b>Total Required Hours for Music (Vocal) Minor:</b>	<b>22</b>

### **Operations Management Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

Course	Hours
MG 391 Fundamentals of Operations	3
MG 393 Basics of Supply Chain	3
MG 395 Master Planning of Resources	3
MG 400 Detailed Scheduling & Planning	3
MG 407 Execution & Control of Operations	3
MG 409 Strategic Resources Planning	3
<b>Total Required Hours for Operations Management Minor:</b>	<b>18</b>

### **Political Science Minor**

This minor is open to students in all majors except for students in the Political Science major options. **Please consult course descriptions for possible prerequisites.**

Course	Hours
American Government <b>or</b> PO 304 Problems of American Government	3
PO 303 Comparative State and Local Government	3
PO 308 World Government <b>or</b> PO 453 International Relations: America & the World	3
Political Science Electives	9
<b>Total Required Hours for Political Science Minor:</b>	<b>18</b>

### **Professional Studies Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites. Completion of this minor does not make a student eligible for teaching licensure and certification by the Alabama State Department of Education.**

Course	Hours
ED 301 Introduction to Teaching	1
ED 302 Foundations of Education	3
ED 305 Technology & Media in Education (fulfills CIS 146 prerequisite in major)	3
Other 300/400 level Education Coursework (CE, ED, EL, ER, SC, SE)	6
Electives (may include 100/200 level coursework)	5
<b>Total Required Hours for Professional Studies Minor:</b>	<b>18</b>

### **Project Management Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

Course	Hours
MG 353 Project Management	3
MG 357 Project Detailed Scheduling & Planning	3
MG 405 Project Cost Control & Earned Value Management	3
MG 430 Project Management Practicum	3
<b>Select 2 courses from the following:</b> MG 358 Project Initiation & Scope Management MG 397 Program & Project Risk Management MG 413 Project Communication, Management & Leadership	6
<b>Total Required Hours for Project Management Minor:</b>	<b>18</b>

### **Psychology Minor**

This minor is open to students in all majors except for students in the Psychology major option. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	PS 331 Social Psychology	<b>3</b>
	PS 332 Child Psychology <b>or</b> PS 334 Adolescent Psychology	<b>3</b>
	PS 352 Abnormal Psychology	<b>3</b>
	PS 406 Physiological Psychology	<b>3</b>
	PS 420 Cognitive Psychology <b>or</b> PS 336 Psychology of Learning	<b>3</b>
	Psychology Elective	<b>3</b>
	<b>Total Required Hours for Psychology Minor:</b>	<b>18</b>

### **Public Safety and Health Administration**

This minor is open to students in all majors except for students in the Public Safety and Health Administration major option. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	PO 303 Comparative State and Local Government	<b>3</b>
	PO 377 Public Administration	<b>3</b>
	PSHA 380 Public Budgeting and Finance	<b>3</b>
	PSHA 446 Public Sector Organizational Theory and Management	<b>3</b>
	PSHA 455 Ethics in the Public Sector	<b>3</b>
	HS 447 Public Health Concepts and Systems	<b>3</b>
	<b>Total Required Hours for Public Safety and Health Administration Minor:</b>	<b>18</b>

### **Religion Minor**

This minor is open to students in all majors except for students in the Religion major option. **Please consult course descriptions for possible prerequisites.** Religion courses accepted from non-regionally accredited schools will serve only as general electives, will not apply toward humanities or social science elective requirements, and will not apply toward the minor.

	<b>Course</b>	<b>Hours</b>
	Three courses in Religion	<b>9</b>
	Three courses in Philosophy or Religion	<b>9</b>
	<b>Total Required Hours for Religion Minor:</b>	<b>18</b>

### **Religious Education Minor**

This minor is open to students in all majors. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	ER 310 Principles of Early Childhood Education	<b>3</b>
	RE 305 Survey of Religious Education	<b>3</b>
	RE 405 Religious Education of Adults	<b>3</b>
	RE 417 Senior Research Project in Religious Education	<b>4</b>
	Electives in Education (Electives may <b>not</b> be selected from courses that require admission to the Teacher Education Program)	<b>6</b>
	<b>Total Required Hours for Religious Education Minor:</b>	<b>19</b>

### **Small Business/Entrepreneurship Minor**

This minor is **not open** to Accounting with Minor majors, but is open to other majors. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	AC 315 Managerial Accounting	<b>3</b>
	AC 361 Federal Tax Accounting I	<b>3</b>
	MG 346 Principles of Management & Leadership <u>or</u> BUS 275 Principles of Management	<b>3</b>
	MG 349 Human Resources Management <u>or</u> BUS 276 Human Resource Management	<b>3</b>
	MG 416 Entrepreneurship	<b>3</b>
	MK 432 Retailing	<b>3</b>
	<b>Total Required Hours for Small Business/Entrepreneurship Minor:</b>	<b>18</b>

### **Sociology Minor**

This minor is open to students in all majors except for students in the Sociology major option. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	SO 312 Majority/Minority Group Relations	<b>3</b>
	SO 362 Deviant Social Behavior	<b>3</b>
	SO 460 Sociological Theories	<b>3</b>
	Sociology electives (300/400 level) – In addition to courses with the SO prefix, the following courses may also be taken as Sociology electives: CJ 401 Adult Corrections CJ 452 Advanced Criminology CJ 453 Juvenile Delinquency PH 300 Moral Values in Today's Society PO 350 Introduction to the American Legal System	<b>9</b>
	<b>Total Required Hours for Sociology Minor:</b>	<b>18</b>

### **Tailored Business Minor**

This minor is open to business majors **only**. **Please consult course descriptions for possible prerequisites.**

	<b>Course</b>	<b>Hours</b>
	Completion of 6 approved courses (minimum 18 semester hours) in appropriate academic or professional areas. <b>Courses must be approved by the faculty advisor and the Dean of the College of Business.</b>	<b>18</b>
	<b>Total Required Hours for Tailored Business Minor:</b>	<b>18</b>