

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. **A maximum of three minors may be noted on the official transcript.** 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 Biology minor.

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.

College	Minors
Arts and Sciences	Art Art History Behavioral Science Biology Chemistry Computer Forensics Computer Information Systems Computer Networking Computer Science Criminal Justice Drama English Gender/Multicultural Studies Gerontology Globalization Health Fitness History Human Development Marine Science Mathematics Political Science Psychology Public Safety and Health Administration Religion Religious Education Sociology
Business	Acquisition and Contract Management Aviation Management Business Administration (non-business majors only) Enterprise Systems Management Finance Health Care Management Human Resource Management Information Assurance Management Information Systems Management International Business Logistics and Supply Chain Management Marketing Operations Management Project Management Small Business/Entrepreneurship (not open to Accounting with Minor majors)
Education	Educational Technology English Language Learner (ELL) Instructional Design Professional Studies

Acquisition and Contract Management Minor

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

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

Art Minor

This minor is open to students in all majors. **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.

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

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/RE421 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
	Total Required Hours for Art History Minor:	18

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 Mgmt.	3

	MG 473 Mgt. of Air Traffic Control Fund	3
	MG 474 General Aviation Mgmt. <u>or</u> MG 390 Operations Mgmt.	3
	MG 475 Aviation Weather Management	3
	MG 47x Aviation Management Elective	3
	Total Required Hours for Aviation Management Minor:	18

Behavioral Science Minor

This minor is open to students in all majors. **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
	One course from this group: PS 304 Drugs and Behavior PS 352 Abnormal Psychology PS 406 Physiological Psychology	3
	One course from this group: 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
	Total Required Hours for Behavioral Science Minor:	18

Biology Minor

This minor is open to students in all majors. **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
	Total Required Hours for Biology Minor:	18

Business Administration Minor

This minor is open to non-business majors **only**.

	Course	Hours
	AC 300 Fundamentals of Accounting	3
	EC 310 Modern Economics or Principles of Economics I	3
	GBA 305 Statistical Methods of Business I	3
	GBA 311 The Legal Environment of Business	3
	MG 320 Organizational Communication*	3
	MG 346 Principles of Management and Leadership*	3
	MG 350 Financial Management*	3
	MK 331 Marketing Principles*	3
	*LiveText is required for these courses	
	Total Required Hours for Business Administration Minor:	24

Chemistry Minor

This minor is open to students in all majors. **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, II or CH 303, 304, 305	8-9
	CH 324 /CH 324L Analytical Chemistry	4
	Upper Level 300/400 Chemistry courses approved by Chemistry Faculty Advisor	7-8
	Total Required Hours for Chemistry Minor:	20

Computer Forensics Minor

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

	Course	Hours
	CIS 251 C++ Programming or the equivalent	3
	One course from the following (or other advisor approved equivalents): CIS 147 Advanced Microcomputer Applications CIS 117 Database Management Software or CIS 222 Database Mgt. Systems CIS 151 Graphics for the World Wide Web CIS 208 Intermediate Web Development or CIS 209 Advanced Web Development CIS 223 Three Dimensional Computer Modeling CIS 252 Advanced C++ CIS 268 Software Support CIS 270 Cisco I CIS 279 Network Infrastructure VCM 180 Introduction to Graphic Design or Art 221 Computer Graphics I VCM 232 Advanced Computer Graphics	3
	CJ/PO 302 Criminal Law	3
	CJ 400 Law Enforcement in America	3
	CIS 325 The Digital Enterprise	3
	CIS 421 Digital Forensics	3
	Total Required Hours for Computer Forensics Minor:	18

Computer Information Systems Minor

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

	Course	Hours
	MA 308 Discrete Mathematics	3
	Web Programming or Web Development course	3
	CS 317 Computer Science I	3
	CS 318 Computer Science II	3
	CIS 325 The Digital Enterprise	3
	CIS 365 Visual Application Development	3
	Computer Science or Computer Information Systems upper level elective	3
	Total Required Hours for Computer Information Systems Minor:	21

Computer Networking Minor (for non-CS and non-CIS majors)

Students in majors other than Computer Science 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	4
	Total Required Hours for Computer Networking Minor (non-CS, non-CIS majors):	24

Computer Networking Minor (for CS, CIS majors only)

Students majoring in Computer Science or Computer Information Systems 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	4
	Total Required Hours for Computer Networking Minor (CS and CIS majors):	20

Computer Science Minor

This minor is open to students in all majors. 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
	Total Required Hours for Computer Science Minor:	22

Criminal Justice Minor

This minor is open to students in all majors. 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 electives	9
	Total Required Hours for Criminal Justice Minor:	18

Drama Minor

This minor is open to students in all majors. **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).

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

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*	3
	ED 308 Curriculum Design and Assessment for the e-Classroom*	3
	ED 410 Curriculum Integration of Technology for Elementary Learners** or ED 411 Curriculum Integration of Technology for Secondary and Adult Learners**	3
	Educational Technology Electives - Choose two of the following courses: ED 407 Emerging Instructional Technologies* ED 408 Issues and Trends in Educational Technology* ED 409 Special Topics in Educational Technology*	6
	Multimedia Electives*** - Choose one of the following courses: ART 178 Audio-Visual Techniques ART 253 Graphic Design I or 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 or VCM 255 Advanced Graphic Design ART 283 Graphic Animation I or ART 284 Graphic Animation II AR 335 Topics in Adobe Photoshop AR 410 Adobe I Illustrator Design CAT 283 Graphics and Animation CIS 208 Intermediate Web Development or CIS 209 Advanced Web Development CIS 197C Dreamweaver or CIS 197D Flash or CIS 197H Photoshop	3

	CIS 223 Three Dimensional Computer Modeling CIS 224 Three Dimensional Computer Animation VCM 285 Multimedia Production <u>or</u> VCM 286 Advanced Multimedia Production	
	*Prerequisite: ED 305 Technology and Media in Education or equivalent course	
	**Prerequisite: ED 307 Teaching Strategies for the Digital Age	
	*** Or other advisor approved multimedia electives	
	Total Required Hours for Educational Technology Minor:	18

English Minor

This minor is open to students in all majors. **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
Four courses from the following: EH 304 Southern Literature EH 307 Major Authors I EH 308 Major Authors II EH 314 19 th Century British Studies EH 316 American Masterpieces EH 325 Myth: Ritual and Culture EH 330 Literary and Critical Theory EH 413 Composition for Teachers 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
Total Required Hours for English Minor:	21

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
ELL Electives – Choose two of the courses listed below*	6
Language Electives EH 320 Grammar EL 320 Children's Literature ER 302 Theories and Stages in Language Development ER 319 <u>or</u> CE 319 Literacy and Literature for the Young Child HPS 113 Spanish for Health Care Professionals HU 313 <u>or</u> HU 314 Beginning Spanish Conversation and Culture I/II (or another foreign language) SPA 101 <u>or</u> SPA 102 Introductory Spanish I/II (or another foreign language introductory course)	

	SPA 201 or SPA 202 Intermediate Spanish I/II (or another foreign language intermediate course)	
	Cultural Studies/Child Development Electives ED 312 Cultural Competence and Responsiveness PSY 210 Human Growth and Development PSY 211 Child Growth And Development (<i>Prerequisite: PSY 200</i>) PS 332 Child Psychology SO 301 Introduction to Multicultural Studies SO 312 Majority/Minority Group Relations *Or other advisor approved electives	
	Total Required Hours for ELL Minor:	18

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 320 Human Capital Management Systems	3
ESM 330 Accounting Information Systems	3
ESM 410 Business Intelligence Systems	3
ESM 420 Enterprise Systems Development	3
ESM 425 Enterprise Systems Configuration	3
Total Required Hours for Enterprise Systems Management Minor:	18

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
Select 2 courses from the following: FIN 355 General Insurance or FIN 365 Real Estate EC 410 International Finance & Monetary Economics FIN 412 Money & Capital Markets FIN 414 Investments	6
Total Required Hours for Finance Minor:	18

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
Humanities (choose one course from this category): 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	3

	HU 330 Landmarks of Civilization RE 301 Religions that Shaped the World RE 312 History of Judaism RE 314 History of Islam	
	Social & Behavioral Science: (choose one course from this category): CJ 452 Advanced Criminology ED 312 Cultural Competence and Responsiveness GO 309 North America and Europe 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 300 Culture and Globalization	3
	Business (choose one course from this category): EC 348 Labor Economics MG 352 International Business MG 412 Cultural Diversity & Communication Issues in International Business PO 320 Introduction to International Commerce PS 368 Industrial and Organizational Psychology	3
	Three additional courses from the above categories	9
	Total Required Hours for Gender and Multicultural Studies Minor:	21

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
Three courses from the following: GS 320/320L Nutrition* 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) HCM 430 Principles of Long-term Care (Prerequisite: MG 346) HCM 450 Managed Care (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 PH 320 Biomedical Ethics PO 355 Health Policy in the US PS/SO 443 Special Topics (Related to Gerontology) PS/SO 463 Directed Study (Related to Gerontology) PS/SO 498 Practicum (Related to Gerontology) SO 352 Sociology of Health and Illness SO 353 Sociology of Death and Dying	9
*GS 320 Nutrition has a co-requisite one-hour lab for a total of 4 semester hours	
Total Required Hours for Gerontology Minor:	18

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 311 and 312 Beginning French Conversation I and II HU 313 and 314 Beginning Spanish Conversation & Culture I and II HU 315 and 316 Beginning Japanese Language & Culture I and II <u>or</u> Two upper level courses dealing with Global or Globalization topics (approved by the faculty)	6
	HY 430 Globalization: Theory and History	3
	HY 431 Human Expansion: A History of Trade, Travel, Tourism, and Empires	3
	PO 453 International Relations	3
	SS 300 Culture and Globalization	3
	Total Required Hours for Globalization Minor:	18

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	3
	HCM 345 Management of Health Care Org.	3
	HCM 355 Survey of Issues in HCM	3
	HCM 356 Legal & Ethical Issues in Health Care Management	3
	HCM 440 Ambulatory Care Management	3
	HCM 455 Health Care Management Internship <u>or</u> HCM 460 Health Care Management Senior Seminar	3
	Total Required Hours for Health Care Management Minor:	18

Health Fitness Minor

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

	Course	Hours
	PED 200 Foundations of Physical Education <u>or</u> HPE 326 History and Principles of Physical Education	3
	HED 221 Personal Health <u>or</u> HED 222 Community Health <u>or</u> HPE 354 Contemporary Health and Physical Education Activities	3
	HPE 355 Health-Related Fitness and Nutrition	3
	HPE 356 Health Promotion	3
	Choose two courses from the following: HPE 325 Kinesiology HPE 327 Physiology of Exercise HPE 401 Measurement and Evaluation HS 400 Public Safety and Health Education HS 447 Public Health Concepts and Systems	6
	Total Required Hours for Health Fitness Minor:	18

History Minor

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

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

Human Development Minor

This minor is open to students in all majors. At least 9 hours towards the minor must be completed at Athens State University. **Please consult course descriptions for possible prerequisites.**

Course	Hours
PS 332 Child Psychology <u>or</u> PSY 211 Child Growth and Development	3
PS 334 Adolescent Psychology	3
PS 335 Adult Psychology	3
A minimum of three courses* from the following:	9
BI 302 Genetics (Co-requisite: BI 302L)*	
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 and System Responses to Child Maltreatment	
PSY 210 Human Growth and Development	
CJ 453 Juvenile Delinquency	
GS 320 Nutrition (Co-requisite: GS 320L)*	
PH 320/HS 320 Biomedical Ethics	
PO 355 Health Policy in the U.S.	
PS 330 Educational Psychology	
HPE 354 Contemporary Health and Physical Education Activities	
SO 353 Sociology of Death and Dying	
SO 360 Contemporary American Family	
SO 471 Aging in a Mass Society	
ER 302 Theories and Stages in Language Development	
ER 309 Early Brain Development	
ER 310/CE 310 Principles of Early Childhood Education	
ER 330/CE 330 Children's Constructions of Relationships through Arithmetic and Mathematical Reasoning	
ER 400/CE 400 Children's Play as Symbolic Behavior	
ER 402/CE 402 Preschool Curriculum	
ER 420/CE 420 Parenting and Community Relations	
HPE 325 Kinesiology	
HPE 431 Motor Development and Physical Activities	
SE 301 Survey of Exceptional Learners	
SE 315 Characteristics and Identification of Low Incidence Disabilities	
SE 325 Characteristics and Identification of High Incidence Disabilities	
*Courses with co-requisite one-hour labs will total 4 semester hours	
Total Required Hours for Human Development Minor:	
	18

Human Resource Management Minor

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

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

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

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 Decisions Systems Management	3
ISM 403 Data Communications Management	3
ISM 404 Managing Information Resources	3
ISM 408 E-Commerce Systems Management	3
Total Required Hours for Information Systems Management Minor:	18

Instructional Design Minor

This minor is open to students in all majors. **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 or MG 357 Project Detailed Scheduling and Planning	3
Instructional Design Elective - Choose one 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
Multimedia Electives** - Choose one of the following courses: ART 178 Audio-Visual Techniques ART 253 Graphic Design I or AR 254 Graphic Design II	3

	AR 435 Computer Graphic Design ART 221 Computer Graphics CIS 151 Graphics for the World Wide Web VCM 254 Graphic Design <u>or</u> VCM 255 Advanced Graphic Design ART 283 Graphic Animation I <u>or</u> 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 <u>or</u> CIS 197D Flash <u>or</u> CIS 197H Photoshop CIS 223 Three Dimensional Computer Modeling CIS 224 Three Dimensional Computer Animation VCM 285 Multimedia Production <u>or</u> VCM 286 Advanced Multimedia Production	
	*Prerequisite: CE 304 Technology and Media in Education or equivalent course	
	** Or other advisor approved multimedia electives	
	Total Required Hours for Instructional Design Minor:	18

International Business Minor

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

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

Logistics and Supply Chain Management Minor

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

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

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.

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

Marketing Minor

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

	Course	Hours
	MK 331 Marketing Principles	3
	MK 333 Advertising	3
	MK 336 Consumer Behavior	3
	MK 431 Marketing Research	3
	MK 432 Retailing	3
	MK 433 Marketing Strategies and Policies	3
	Total Required Hours for Marketing Minor:	18

Mathematics Minor

This minor is open to students in all majors. **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.

	Course	Hours
	Calculus Sequence	12
	MA 310 Linear Algebra	3
	MA 321 Differential Equations	3
	Upper Division Mathematics Electives (Approved Mathematics courses above the calculus sequence)	6
	Total Required Hours for Mathematics Minor:	24

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
	Total Required Hours for Operations Management Minor:	18

Political Science Minor

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

	Course	Hours
	American Government or PO 304 Problems of American Government	3
	PO 303 Comparative State and Local Government or PO 305 Alabama Government	3
	PO 308 World Government or PO 453 International Relations: America & the World	3
	Political Science Electives	9
	Total Required Hours for Political Science Minor:	18

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 (fulfills HU321 prerequisite in major)	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
	Total Required Hours for Professional Studies Minor:	18

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 Mgmt.	3
	MG 430 Project Management Practicum	3
	Select 2 courses from the following: MG 358 Project Initiation & Scope Mgmt. MG 397 Program & Project Risk Mgmt. MG 413 Project Communication, Mgmt. & Leadership MG 414 PMP Certification Review	6
	Total Required Hours for Project Management Minor:	18

Psychology Minor

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

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

Public Safety and Health Administration Minor

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

	Course	Hours
	PO 303 Comparative State and Local Government	3
	PO 377 Public Administration	3
	PSHA 380 Public Finance	3
	PSHA 446 Public Safety Concepts and Systems	3
	PSHA 455 Public Administration Ethics	3
	HS 447 Public Health Concepts and Systems	3
	Total Required Hours for Public Safety and Health Administration Minor:	18

Religion Minor

This minor is open to students in all majors. **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.

	Course	Hours
	Three courses in Religion	9
	Three courses in Philosophy or Religion	9
	Total Required Hours for Religion Minor:	18

Religious Education Minor

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

	Course	Hours
	ER 310 Principles of Early Childhood Education	3
	RE 305 Survey of Religious Education	3
	RE 405 Religious Education of Adults (Students who plan to work with children may substitute ER 350 Administering and Managing Early Childhood Programs)	3
	RE 417 Senior Research Project in Religious Education	4
	Electives in Education (Electives may not be selected from courses that require admission to the Teacher Education Program)	6
	Total Required Hours for Religious Education Minor:	19

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.**

	Course	Hours
	AC 301 Managerial Accounting	3
	AC 361 Federal Tax Accounting I	3
	MG 346 Principles of Management & Leadership	3
	MG 349 Human Resources Management	3
	MG 416 Entrepreneurship	3
	MK 432 Retailing	3
	Total Required Hours for Small Business/Entrepreneurship Minor:	18

Sociology Minor

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

	Course	Hours
	SO 312 Majority/Minority Group Relations	3
	SO 362 Deviant Social Behavior	3
	SO 460 Sociological Theories	3
	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	9
	Total Required Hours for Sociology Minor:	18