
| | | |
|---------|-----|--|
| AS 3312 | (3) | Air Force Leadership Studies I |
| AS 3313 | (3) | Air Force Leadership Studies II |
| AS 4412 | (3) | National Security Affairs/ Preparation for Active Duty I |
| AS 4413 | (3) | National Security Affairs/ Preparation for Active Duty II |

Select two three-hour courses from upper-level political science

| | | |
|----------|-----|-----------------------|
| ANT 3310 | (3) | Cultural Anthropology |
| ANT 3311 | (3) | Physical Anthropology |

Select at least 12 hours of additional 3000/4000-level anthropology courses as approved by your faculty adviser.

| | | |
|----------|-----|--|
| HIS 3360 | (3) | Introduction to Archives: Theory and Issues |
| HIS 3362 | (3) | Archival Methods and Practice |
| HIS 4472 | (3) | Records Management |
| HIS 4473 | (3) | Archives Practicum |

Select two courses from the following, including at least one at the 4000 level:

| | | | | | |
|----------|-----|------------------------------|----------|-----|---------------------------|
| PHY 2263 | (3) | Physics II with Calculus | BIO 3372 | (3) | Microbiology |
| PHY L263 | (1) | Physics II with Calculus Lab | BIO L372 | (1) | Microbiology Lab |
| BIO 2229 | (3) | General Ecology | BIO 4414 | (3) | Food Microbiology |
| BIO L229 | (1) | General Ecology Lab | BIO L414 | (1) | Food Microbiology Lab |
| BIO 3320 | (3) | Genetics | BIO 4451 | (3) | Toxicology |
| BIO L320 | (1) | Genetics Lab | BIO L451 | (1) | Toxicology Lab |
| CHM 3342 | (3) | Organic Chemistry I | BIO 4418 | (3) | Food Laws and Regulations |
| CHM L342 | (1) | Organic Chemistry I Lab | CHM 3352 | (3) | Biochemistry |
| CHM 3343 | (3) | Organic Chemistry II | CHM L352 | (1) | Biochemistry Lab |
| CHM L343 | (1) | Organic Chemistry II Lab | MGT 4466 | (3) | Restaurant Management |
| MTH 2210 | (3) | Applied Statistics | NSG 2211 | (3) | Human Nutrition |

Students in the general biology concentration, ecology and field biology concentration, or medical technology concentration select:

| | | |
|----------|-----|--------------------------------|
| BIO 2220 | (3) | Principles of Cell Biology |
| BIO L220 | (1) | Principles of Cell Biology Lab |

Students in the biomedical sciences concentration or food safety concentration, select:

| | | |
|----------|-----|------------------|
| BIO 3372 | (3) | Microbiology |
| BIO L372 | (1) | Microbiology Lab |

Select one of the five concentrations shown below (biomedical sciences, food safety, general biology, ecology and field biology, or medical technology):

| | | |
|----------|-----|-------------------------------------|
| BIO 3347 | (3) | Human Anatomy and Physiology I |
| BIO L347 | (1) | Human Anatomy and Physiology I Lab |
| BIO 3348 | (3) | Human Anatomy and Physiology II |
| BIO L348 | (1) | Human Anatomy and Physiology II Lab |
| BIO 3372 | (3) | Microbiology |
| BIO L372 | (1) | Microbiology Lab |
| BIO 4482 | (3) | Molecular Biology |
| BIO L482 | (1) | Molecular Biology Lab |

Select 16 hours (four lectures with labs) from the courses listed below. With the adviser's approval, one upper level botany, ecology or zoology course with its corresponding laboratory course may be taken.

| | | |
|----------|-----|-----------------------|
| BIO 3382 | (3) | Immunology |
| BIO L382 | (1) | Immunology Lab |
| BIO 4416 | (3) | Microbial Ecology |
| BIO L416 | (1) | Microbial Ecology Lab |
| BIO 4430 | (3) | Applied Genetics |
| BIO L430 | (1) | Applied Genetics Lab |
| BIO 4451 | (3) | Toxicology |
| BIO L451 | (1) | Toxicology Lab |
| BIO 4471 | (3) | Parasitology |
| BIO L471 | (1) | Parasitology Lab |
| BIO 4480 | (3) | Histology |
| BIO L480 | (1) | Histology Lab |
| CHM 3352 | (3) | Biochemistry |
| CHM L352 | (1) | Biochemistry Lab |

Select 7 or more hours from the courses listed below. Lectures and their corresponding labs must be taken together.

| | | |
|--------------------|-------|--|
| BIO 3382 | (3) | Immunology |
| BIO L382 | (1) | Immunology Lab |
| BIO 4416 | (3) | Microbial Ecology |
| BIO L416 | (1) | Microbial Ecology Lab |
| BIO 4471 | (3) | Parasitology |
| BIO L471 | (1) | Parasitology Lab |
| BIO 4478 | (3) | Cell Biology |
| BIO L478 | (1) | Cell Biology Lab |
| BIO 4482 | (3) | Molecular Biology |
| BIO L482 | (1) | Molecular Biology Lab |
| BIO 4488/4489/4490 | (1-8) | Internship in the Biological or Environmental Sciences |
| CHM 4455 | (3) | Instrumental Analysis |
| CHM L455 | (1) | Instrumental Analysis Lab |
| MGT 3372 | (3) | Hospitality Management |
| MGT 4465 | (3) | Food and Beverage Service |

Select one botany course with its corresponding lab:

| | | |
|----------|-----|-----------------------------|
| BIO 3325 | (3) | Plant Form and Function |
| BIO L325 | (1) | Plant Form and Function Lab |
| BIO 3326 | (3) | Plant Diversity |
| BIO L326 | (1) | Plant Diversity Lab |
| BIO 4402 | (4) | Spring Flora |
| BIO 4425 | (4) | Field Botany |

Select one zoology course with its corresponding lab:

| | | |
|----------|-----|------------------------------------|
| BIO 3307 | (3) | Invertebrate Zoology |
| BIO L307 | (1) | Invertebrate Zoology Lab |
| BIO 3308 | (3) | Vertebrate Zoology |
| BIO L308 | (1) | Vertebrate Zoology Lab |
| BIO 4405 | (3) | Entomology |
| BIO L405 | (1) | Entomology Lab |
| BIO 4410 | (3) | Animal Behavior |
| BIO L410 | (1) | Animal Behavior Lab |
| BIO 4420 | (4) | Field Vertebrate Zoology |
| BIO 4432 | (3) | Comparative Vertebrate Anatomy |
| BIO L432 | (1) | Comparative Vertebrate Anatomy Lab |
| BIO 4445 | (3) | Ichthyology |
| BIO L445 | (1) | Ichthyology Lab |
| BIO 4446 | (3) | Herpetology |
| BIO L446 | (1) | Herpetology Lab |
| BIO 4447 | (3) | Ornithology |
| BIO L447 | (1) | Ornithology Lab |

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| | | |
|----------|-----|------------------|
| BIO 4448 | (3) | Mammalogy |
| BIO L448 | (1) | Mammalogy Lab |
| BIO 4471 | (3) | Parasitology |
| BIO L471 | (1) | Parasitology Lab |

Select one ecology/environmental course with its corresponding lab:

| | | |
|----------|-----|------------------------------|
| BIO 4413 | (3) | Limnology |
| BIO L413 | (1) | Limnology Lab |
| BIO 4416 | (3) | Microbial Ecology |
| BIO L416 | (1) | Microbial Ecology Lab |
| BIO 4421 | (3) | Population Ecology |
| BIO L421 | (1) | Population Ecology Lab |
| BIO 4479 | (3) | Environmental Assessment |
| BIO L479 | (1) | Environmental Assessment Lab |

Select one physiology/cell/molecular course with its corresponding lab:

| | | |
|----------|-----|-------------------------------------|
| BIO 3347 | (3) | Human Anatomy and Physiology I |
| BIO L347 | (1) | Human Anatomy and Physiology I Lab |
| BIO 3348 | (3) | Human Anatomy and Physiology II |
| BIO L348 | (1) | Human Anatomy and Physiology II Lab |
| BIO 3382 | (3) | Immunology |
| BIO L382 | (1) | Immunology Lab |
| BIO 3386 | (3) | Hematology |
| BIO L386 | (1) | Hematology Labcell/mol |

| | | | | | |
|-----------|-----|------------------------------------|-----------|-----|------------------------------------|
| BIO 1100 | (3) | Principles of Biology | BIO 4430 | (3) | Applied Genetics |
| BIO L100 | (1) | Principles of Biology Lab | BIO L430 | (1) | Applied Genetics Lab |
| CHM 1142 | (3) | General Chemistry I | BIO 4432 | (3) | Comparative Vertebrate Anatomy |
| CHM L142 | (1) | General Chemistry I Lab | BIO L432 | (1) | Comparative Vertebrate Anatomy Lab |
| MTH 1125 | (4) | Calculus I | BIO 4433 | (3) | Embryology |
| | | | BIO L433 | (1) | Embryology Lab |
| | | | BIO 4451 | (3) | Toxicology |
| | | | BIO L451 | (1) | Toxicology Lab |
| | | | BIO 4471 | (3) | Parasitology |
| BIO 1101 | (3) | Organismal Biology | BIO L471 | (1) | Parasitology Lab |
| BIO L101 | (1) | Organismal Biology Lab | BIO 4478 | (3) | Cell Biology |
| CHM 1143 | (3) | General Chemistry II | BIO L478 | (1) | Cell Biology Lab |
| CHM L143 | (1) | General Chemistry II Lab | BIO 4480 | (3) | Histology |
| IS 2241 | (3) | Computer Concepts and Applications | BIO L480 | (1) | Histology Lab |
| TROY 1101 | (1) | University Orientation | BIO 4482 | (3) | Molecular Biology |
| | | | BIO L482 | (1) | Molecular Biology Lab |
| | | | CHM 3352 | (3) | Biochemistry |
| | | | CHM L3352 | (1) | Biochemistry Lab |

Select one sequence (physics sequence not required for medical technology concentration):

| | | |
|----------|-----|------------------------------|
| PHY 2252 | (3) | General Physics I |
| PHY L252 | (1) | General Physics I Lab |
| PHY 2253 | (3) | General Physics II |
| PHY L253 | (1) | General Physics II Lab |
| or | | |
| PHY 2262 | (3) | Physics I with Calculus |
| PHY L262 | (1) | Physics I with Calculus Lab |
| PHY 2263 | (3) | Physics II with Calculus |
| PHY L263 | (1) | Physics II with Calculus Lab |

Lectures and their corresponding labs must be taken together.

| | | |
|----------|-----|--------------------------|
| BIO 2229 | (3) | General Ecology |
| BIO L229 | (1) | General Ecology Lab |
| BIO 3320 | (3) | Genetics |
| BIO L320 | (1) | Genetics Lab |
| BIO 3372 | (3) | Microbiology |
| BIO L372 | (1) | Microbiology Lab |
| CHM 3342 | (3) | Organic Chemistry I |
| CHM L342 | (1) | Organic Chemistry I Lab |
| CHM 3343 | (3) | Organic Chemistry II |
| CHM L343 | (1) | Organic Chemistry II Lab |
| MTH 2210 | (3) | Applied Statistics |

Select 32 semester hours from the courses listed below:

| | | |
|----------|-----|-------------------------------------|
| BIO 3347 | (3) | Human Anatomy and Physiology I |
| BIO L347 | (1) | Human Anatomy and Physiology I Lab |
| BIO 3348 | (3) | Human Anatomy and Physiology II |
| BIO L348 | (1) | Human Anatomy and Physiology II Lab |
| BIO 3382 | (3) | Immunology |
| BIO L382 | (1) | Immunology Lab |
| BIO 3386 | (3) | Hematology |
| BIO L386 | (1) | Hematology Lab |
| BIO 4414 | (3) | Food Microbiology |
| BIO L414 | (1) | Food Microbiology Lab |
| BIO 4416 | (3) | Environmental Microbiology. |
| BIO L416 | (1) | Environmental Microbiology Lab |

| | | |
|-----------|-----|------------------------------------|
| BIO 4430 | (3) | Applied Genetics |
| BIO L430 | (1) | Applied Genetics Lab |
| BIO 4432 | (3) | Comparative Vertebrate Anatomy |
| BIO L432 | (1) | Comparative Vertebrate Anatomy Lab |
| BIO 4433 | (3) | Embryology |
| BIO L433 | (1) | Embryology Lab |
| BIO 4451 | (3) | Toxicology |
| BIO L451 | (1) | Toxicology Lab |
| BIO 4471 | (3) | Parasitology |
| BIO L471 | (1) | Parasitology Lab |
| BIO 4478 | (3) | Cell Biology |
| BIO L478 | (1) | Cell Biology Lab |
| BIO 4480 | (3) | Histology |
| BIO L480 | (1) | Histology Lab |
| BIO 4482 | (3) | Molecular Biology |
| BIO L482 | (1) | Molecular Biology Lab |
| CHM 3352 | (3) | Biochemistry |
| CHM L3352 | (1) | Biochemistry Lab |

Students seeking Alabama teacher certification should select chemistry as a first major and education as a second major. Students should consult with their advisers concerning all certification requirements. CHM 3352 is required for Alabama teacher certification.

| | | |
|----------|-----|---------------------------|
| BIO 1100 | (3) | Principles of Biology |
| BIO L100 | (1) | Principles of Biology Lab |
| CHM 1142 | (3) | General Chemistry I |
| CHM L142 | (1) | General Chemistry I Lab |
| MTH 1125 | (4) | Calculus I |

| | | |
|-----------|-----|------------------------------------|
| IS 2241 | (3) | Computer Concepts and Applications |
| TROY 1101 | (1) | University Orientation |

Select one series:

| | | |
|----------|-----|------------------------------|
| PHY 2252 | (3) | General Physics I |
| PHY L252 | (1) | General Physics I Lab |
| PHY 2253 | (3) | General Physics II |
| PHY L253 | (1) | General Physics II Lab |
| or | | |
| PHY 2262 | (3) | Physics with Calculus I |
| PHY L262 | (1) | Physics with Calculus I Lab |
| PHY 2263 | (3) | Physics with Calculus II |
| PHY L263 | (1) | Physics with Calculus II Lab |

| | | |
|----------|-----|--------------------------|
| CHM 1143 | (3) | General Chemistry II |
| CHM L143 | (1) | General Chemistry II Lab |
| CHM 2242 | (3) | Analytical Chemistry |
| CHM L242 | (1) | Analytical Chemistry Lab |
| CHM 3342 | (3) | Organic Chemistry I |
| CHM L342 | (1) | Organic Chemistry I Lab |

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| | | |
|----------|-----|------------------------------|
| CHM 3343 | (3) | Organic Chemistry II |
| CHM L343 | (1) | Organic Chemistry II Lab |
| CHM 3381 | (3) | Physical Chemistry I |
| CHM L381 | (1) | Physical Chemistry I Lab |
| CHM 3382 | (3) | Physical Chemistry II |
| CHM 4444 | (3) | Advanced Inorganic Chemistry |
| CHM 4445 | (3) | Instrumental Analysis |
| CHM L445 | (1) | Instrumental Analysis Lab |
| MTH 1126 | (4) | Calculus II |

Select 3 hours of chemistry electives:

| | | |
|------------|-------|----------------------------------|
| CHM 3352 | (3) | Biochemistry |
| CHM L352 | (1) | Biochemistry Lab |
| CHM L382 | (1) | Physical Chemistry II Lab |
| CHM 4400 | (3) | Special Topics |
| CHM 4403 | (3) | Advanced Organic Chemistry |
| CHM L444 | (1) | Advanced Inorganic Chemistry Lab |
| CHM 4491/2 | (1-3) | Guided Independent Research |
| CHM 4493/4 | (1-3) | Guided Independent Study |
| CHM 4499 | (1) | Senior Research Seminar |

| | | |
|----------|-----|--------------------------|
| CHM 1142 | (3) | General Chemistry I |
| CHM L142 | (1) | General Chemistry I Lab |
| CHM 1143 | (3) | General Chemistry II |
| CHM L143 | (1) | General Chemistry II Lab |
| CHM 3342 | (3) | Organic Chemistry I |
| CHM L342 | (1) | Organic Chemistry I Lab |
| CHM 3343 | (3) | Organic Chemistry II |
| CHM L343 | (1) | Organic Chemistry II Lab |

Select four additional hours of advanced chemistry courses, sS acourses, sS ical Chemistry I Lab

| | | |
|----------|-----|------------------------------|
| PHY 2262 | (3) | Physics I with Calculus |
| PHY L262 | (1) | Physics I with Calculus Lab |
| PHY 2263 | (3) | Physics II with Calculus |
| PHY L263 | (1) | Physics II with Calculus Lab |

Select 8 hours of upper level physics or

| | | |
|----------|-----|-------------------------|
| BIO 3320 | (3) | Genetics |
| BIO L320 | (1) | Genetics Lab |
| CHM 3342 | (3) | Organic Chemistry I |
| CHM L342 | (1) | Organic Chemistry I Lab |
| MTH 2210 | (3) | Applied Statistics |
| PHY 4410 | (3) | Modern Physics |
| PHY L410 | (1) | Modern Physics Lab |
| SCI 3335 | (3) | Physical Geology |
| SCI L335 | (1) | Physical Geology Lab |
| SCI 3336 | (3) | Principles of Astronomy |

Select one of the following concentrations:

| | | |
|----------|-----|-----------------------------|
| BIO 2229 | (3) | General Ecology |
| BIO L229 | (1) | General Ecology Lab |
| BIO 3347 | (3) | Anatomy & Physiology I |
| BIO L347 | (1) | Anatomy & Physiology I Lab |
| BIO 3348 | (3) | Anatomy & Physiology II |
| BIO L348 | (1) | Anatomy & Physiology II Lab |
| BIO 3372 | (3) | Microbiology |
| BIO L372 | (1) | Microbiology Lab |

Select 1 botany course with corresponding lab (four hours).

Select 1 zoology course with corresponding lab (four hours).

| | | |
|----------|-----|--------------------------|
| CHM 2242 | (3) | Analytical Chemistry |
| CHM L242 | (1) | Analytical Chemistry Lab |
| CHM 3343 | (3) | Organic Chemistry II |
| CHM L343 | (1) | Organic Chemistry II Lab |
| CHM 3352 | (3) | Biochemistry |
| CHM L352 | (1) | Biochemistry Lab |
| CHM 3381 | (3) | Physical Chemistry I |
| CHM L381 | (1) | Physical Chemistry I Lab |

Select a minimum of 8 semester hours of coursework from the following:

| | | |
|----------|-----|----------------------------------|
| CHM 3382 | (3) | Physical Chemistry II |
| CHM L382 | (1) | Physical Chemistry II Lab |
| CHM 4403 | (3) | Advanced Organic Chemistry |
| CHM 4444 | (3) | Advanced Inorganic Chemistry |
| CHM L444 | (1) | Advanced Inorganic Chemistry Lab |
| CHM 4445 | (3) | Instrumental Analysis |
| CHM L445 | (1) | Instrumental Analysis Lab |

| | | |
|----------|-----|-------------------------|
| PHY 4411 | (3) | Advanced Modern Physics |
| PHY 4459 | (3) | Optics |
| PHY L459 | (1) | Optics lab |
| PHY 4420 | (3) | Mechanics |
| PHY 4430 | (3) | Electromagnetic Fields |
| PHY 4495 | (3) | Topics in Physics |

Select two of the following:

- CS 3320 (3) Business Systems Programming
 - CS 3325 (3) Operations Research
 - CS 3331 (3) Fundamentals of Artificial Intelligence
 - CS 3361 (3) Concepts of Objected Oriented Programming II
 - CS 4401 (3) Advanced Artificial Intelligence
 - CS 4443 (3) Web Based Software Development
 - CS 4447 (3) Systems Analysis and Design
 - CS 4451 (3) Computer Security and Reliability
 - CS 4461 (3) Software Engineering II
 - CS 4462 (3) Special Topics in Object-Oriented Technology
 - CS 4495 (3) Special Topics in Computer Science
-

MTH 2201 (3) Business Calculus

Select additional Area III requirements as shown in the General Studies section of this catalog.

- IS 2241 (3) Computer Concepts and Applications
- MTH 2215 (3) Applied Discrete Mathematics
- TROY 1101 (1) University Orientation

- CS 2250 (3) Computer Science I
- CS 2255 (3) Computer Science II
- CS 2265 (3) Advanced Programming I
- CS 3330 (3) Data Structures and Algorithms
- CS 4420 (3) Introduction to Database Systems
- CS 4443 (3) Web-Based Software Development
- CS 4445 (3) Data Communications and Networking
- CS 4447 (3) Systems Analysis and Design
- CS 4448 (3) Operating Systems

Select three of the following:

- CS 3320 (3) Business Systems Programming
 - CS 3332 (3) Software Engineering I
 - CS 3347 (3) Advanced Programming II
 - CS 4449 (3) Applied Networking
 - CS 4451 (3) Computer Security
 - CS 4495 (3) Special Topics in Computer Science
-

See the academic regulations section of this catalog for additional information regarding associate degrees.

Criminal justice majors are encouraged to take two semesters of Spanish or another foreign language as part of their general studies requirements.

| | | |
|---------|-----|---|
| CJ 1101 | (3) | Introduction to Criminal Justice |
| CJ 2221 | (3) | Survey of Law Enforcement |
| CJ 2231 | (3) | Survey of Corrections |
| CJ 2241 | (3) | Survey of Law and Criminal Procedure |
| CJ 3345 | (3) | Criminology |
| CJ 3352 | (3) | Constitutional Law |
| CJ 3375 | (3) | Introduction to Social Scientific Inquiry |
| CJ 4499 | (3) | Senior Seminar |

Select A or B below:

A. 12 additional hours of advanced or upper-level criminal justice courses, as approved by the adviser,

or

B. Homeland Security Concentration. Select 12 additional hours from the following as approved by the adviser:

| | | |
|----------|-----|--|
| CJ 3335 | (3) | Private and Public Security Administration |
| CJ 4435 | (3) | Grant Writing |
| CJ 4440 | (3) | Terrorism |
| CJ 4470 | (3) | Criminal Justice Issues in Homeland Security |
| CJ 4472 | (3) | Cyber Crime |
| CJ 4488 | (3) | Internship (limit 1) |
| POL 3364 | (3) | State and Local Politics |
| POL 4422 | (3) | Public Policy Making |

| | | |
|---------|-----|----------------------------------|
| CJ 1101 | (3) | Introduction to Criminal Justice |
|---------|-----|----------------------------------|

Select 15 additional hours of upper-level criminal justice courses as approved by the adviser.

| | | |
|----------|-----|-------------------------|
| SCI 3335 | (3) | Physical Geology |
| SCI L335 | (1) | Physical Geology Lab |
| SCI 3336 | (3) | Astronomy |
| SCI 3340 | (3) | Marine Science |
| SCI L340 | (1) | Marine Science Lab |
| SCI 3350 | (3) | Weather and Climate |
| SCI L350 | (1) | Weather and Science Lab |
| SCI 4403 | (3) | Conservation |

| | | |
|-----------|-----|------------------------------------|
| ENG 2211 | (3) | American Literature before 1875 |
| ENG 2212 | (3) | American Literature after 1875 |
| ENG 2244 | (3) | British Literature before 1785 |
| ENG 2245 | (3) | British Literature after 1785 |
| IS 2241 | (3) | Computer Concepts and Applications |
| TROY 1101 | (1) | University Orientation |

| | | |
|----------|-----|------------------|
| ENG 3341 | (3) | Advanced Grammar |
|----------|-----|------------------|

Select an additional 33 hours of upper division courses, at least nine of which are at the 4000 level or above.

Students at the Montgomery campus may select the Professional Writing Emphasis. In addition to ENG 3341, the following courses are required:

| | | |
|----------|-----|--|
| ENG 2260 | (3) | Introduction to Technical and Professional Writing |
| ENG 3345 | (3) | Technical and Professional Editing |
| ENG 3365 | (3) | Advanced Technical and Professional Writing |
| ENG 3366 | (3) | Professional Document Design |
| ENG 4488 | (3) | Seminar in Professional Writing Portfolio Design |
| ENG 4490 | (3) | Professional Writing Internship |

Select an additional four courses:

| | | |
|----------|-----|---------------------------------|
| ENG 3320 | (3) | Introduction to Linguistics |
| ENG 3351 | (3) | Creative Writing I |
| ENG 3352 | (3) | Creative Writing II |
| ENG 4400 | (3) | Selected Topics |
| ENG 4405 | (3) | History of the English Language |
| ENG 4419 | (3) | Advanced Writing |

| | | |
|----------|-----|------------------|
| ENG 3341 | (3) | Advanced Grammar |
|----------|-----|------------------|

Select one sequence:

| | | |
|----------|-----|---------------------------------|
| ENG 2211 | (3) | American Literature before 1875 |
| ENG 2212 | (3) | American Literature after 1875 |
| or | | |
| ENG 2244 | (3) | British Literature before 1785 |
| ENG 2245 | (3) | British Literature after 1785 |

Select an additional nine hours of upper division English courses.

| | | |
|----------|-----|----------------------------------|
| ENG 3351 | (3) | Introduction to Creative Writing |
|----------|-----|----------------------------------|

Select an additional 15 hours from the following:

| | | |
|----------|-----|-------------------------------------|
| ENG 3352 | (3) | Advanced Creative Writing I |
| ENG 3353 | (3) | Advanced Creative Writing II |
| ENG 3354 | (3) | Advanced Nonfiction Writing |
| ENG 3355 | (3) | Verse Writing |
| ENG 3356 | (3) | Forms and Theory of Fiction |
| ENG 4420 | (3) | Selected Topics in Creative Writing |
| ENG 4427 | (3) | Contemporary American Literature |
| ENG 4489 | (3) | Internship |

Select an additional six hours from the following:

| | | |
|----------|-----|---|
| ENG 3320 | (3) | Introduction to Linguistics |
| ENG 3351 | (3) | Creative Writing I |
| ENG 3352 | (3) | Creative Writing II |
| ENG 4400 | (3) | Selected Topics |
| ENG 4405 | (3) | History of the English Language |
| ENG 4419 | (3) | Advanced Writing |
| ENG 4488 | (3) | Seminar in Professional Writing Portfolio Design |
| ENG 4490 | (3) | Professional Writing Internship |

Students seeking Alabama teacher certification should complete the English major and the required courses for language arts, in addition to selecting education as a second major. Students should consult their advisers concerning all certification requirements.

| | | |
|----------|-----|---|
| PHY 2262 | (3) | Physics I with Calculus |
| PHY L262 | (1) | Physics I with Calculus Lab |
| PHY 2263 | (3) | Physics II with Calculus |
| PHY L263 | (1) | Physics II with Calculus Lab |
| | | |
| BIO 2220 | (3) | Principles of Cell Biology |
| BIO L220 | (1) | Principles of Cell Biology Lab |
| BIO 2229 | (3) | General Ecology |
| BIO L229 | (1) | General Ecology Lab |
| BIO 3320 | (3) | Genetics |
| BIO L320 | (1) | Genetics Lab |
| CHM 3342 | (3) | Organic Chemistry I |
| CHM L342 | (1) | Organic Chemistry I Lab |
| CHM 3343 | (3) | Organic Chemistry II |
| CHM L343 | (1) | Organic Chemistry II Lab |
| MTH 2210 | (3) | Applied Statistics |
| | | |
| BIO 2202 | (3) | Principles of Environmental Science |
| BIO L202 | (1) | Principles of Environmental Science Lab |
| BIO 3328 | (3) | Environmental Pollution and Control |
| BIO L328 | (1) | Environmental Pollution and Control Lab |
| BIO 4413 | (3) | Limnology |
| BIO L413 | (1) | Limnology Lab |
| BIO 4451 | (3) | Toxicology |
| BIO L451 | (1) | Toxicology Lab |

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ENG 1102 (3) Composition and Modern
English II

| | | | |
|------|------|-----|-------------------------------|
| GEO | 2210 | (3) | World Regional Geography |
| HIS | 1111 | (3) | U.S. to 1877, or placement |
| HIS | 1112 | (3) | U.S. since 1877, or placement |
| IS | 2241 | (3) | Computer Concepts and Apps. |
| TROY | 1101 | (1) | University Orientation |

| | | |
|----------|-----|--------------------------|
| HIS 3375 | (3) | Research and Methodology |
| HIS 4490 | (3) | Senior Seminar |

Select 15 hours of upper-level American/Latin American courses in addition to either HIS 3316 or 4406.

Select an additional 9 hours of upper-level European/Asian/African courses in addition to HIS 4451.

Select 15 hours of upper-level European/Asian/African courses in addition to HIS 4451.

Select an additional 9 hours of upper-level American/Latin American courses in addition to either HIS 3316 or 4406.

| | | |
|----------|-----|-----------------------------|
| PHY 2262 | (3) | Physics I with Calculus |
| PHY L262 | (1) | Physics I with Calculus Lab |
| PHY 2263 | (3) | Physics II with Calculus |
| PHY L263 | (1) | Physics II with Calculus |

Select an upper-level course in chemistry or physics (3-4 SH).

| | | |
|----------|-----|--------------------|
| PHY 4410 | (3) | Modern Physics |
| PHY L410 | (1) | Modern Physics Lab |
| PHY 4420 | (3) | Mechanics |

Select one series:

| | | |
|----------|-----|------------------------------|
| PHY 2252 | (3) | Gen. Physics I |
| PHY L252 | (1) | Gen. Physics Lab I |
| PHY 2253 | (3) | Gen. Physics II |
| PHY L253 | (1) | Gen. Physics Lab II |
| or | | |
| PHY 2262 | (3) | Physics I Calculus |
| PHY L262 | (1) | Physics I with Calculus Lab |
| PHY 2263 | (3) | Physics II with Calculus |
| PHY L263 | (1) | Physics II with Calculus Lab |

Select an additional four hours of adviser-approved, upper-level physics courses.

| | | |
|-----------|-----|---|
| IS 2241 | (3) | Computer Concepts and Applications |
| TROY 1101 | (1) | University Orientation |
| POL 2241 | (3) | American National Government or placement in POL 2240 |
| POL 2260 | (3) | World Politics |

| | | |
|----------|-----|----------------------------------|
| POL 3300 | (3) | Foundations of Political Science |
| POL 3330 | (3) | Political Theory |

Select one of the following concentrations:

Select 15 hours from the following:

| | | |
|----------|-----|--------------------------------------|
| POL 3340 | (3) | U.S. Government – Executive Branch |
| POL 3341 | (3) | U.S. Government – Legislative Branch |
| POL 3342 | (3) | U.S. Government – Judicial Branch |
| POL 3343 | (3) | American Political Processes |
| POL 3364 | (3) | State and Local Politics |
| POL 4422 | (3) | Public Policy Making |
| POL 4423 | (3) | American Foreign Policy to 1920 |
| POL 4424 | (3) | Contemporary American Foreign Policy |
| POL 4420 | (3) | Constitutional Law |
| POL 4471 | (3) | Intergovernmental Relations |

Select an additional 15 hours of upper-level (3000-4000) political science courses, as approved by your academic adviser.

| | | |
|----------|-----|---------------------------------|
| POL 3351 | (3) | International Relations |
| POL 4410 | (3) | International Political Economy |
| POL 4433 | (3) | Comparative Government |

Select six hours from the following:

| | | |
|----------|-----|--------------------------------------|
| POL 4415 | (3) | International Conflict |
| POL 4423 | (3) | American Foreign Policy to 1920 |
| POL 4424 | (3) | Contemporary American Foreign Policy |
| POL 4432 | (3) | Comparative Public Policy |
| POL 4445 | (3) | Inter-American Relations |
| POL 4450 | (3) | Latin American Politics |
| POL 4452 | (3) | International Law |
| POL 4460 | (3) | Intercultural Relations |
| POL 4465 | (3) | Politics of the Developing World |
| POL 4466 | (3) | Middle Eastern Politics |
| POL 4470 | (3) | European Politics |
| POL 4474 | (3) | Terrorism and Political Violence |
| POL 4476 | (3) | Politics of Southeast Asia |

Select an additional 15 hours of upper-level (3000-4000) political science courses, as approved by your academic adviser.

Select 15 hours from the following:

| | | |
|----------|-----|---------------------------------------|
| POL 3364 | (3) | State and Local Politics |
| POL 4421 | (3) | Introduction to Public Administration |
| POL 4422 | (3) | Public Policy Making |
| POL 4451 | (3) | Public Personnel Administration |
| POL 4432 | (3) | Comparative Public Policy |
| POL 4453 | (3) | Bureaucratic Politics |
| POL 4471 | (3) | Intergovernmental Relations |
| POL 4472 | (3) | Administrative Law |

Select an additional 15 hours of upper-level political science courses, as approved by your academic adviser.

| | | |
|----------|-----|----------------------------------|
| POL 3300 | (3) | Foundations of Political Science |
| POL 3330 | (3) | Introduction to Political Theory |

Select an additional 12 hours of upper level courses, as approved by your academic adviser.

Students seeking Alabama teacher certification should complete the social science major with a general social science concentration and select education as a second major. Students should consult their education advisers concerning all certification requirements and with their academic discipline adviser for requirements in the major.

Select at least 24 hours of additional 3000/4000-level sociology courses as approved by your faculty adviser.

NOTE: Social Science majors with concentrations in anthropology, geography, or sociology should take Area IV electives appropriate for their concentration.

SS 4498 (3) Social Science Theory

SS 3375 (3) Introduction to Social Scientific Inquiry
 SS 3376 (3) Application of Social Scientific Inquiry
 SS 4498 (3) Social Science Theory
 SS 4499 (3) Senior Seminar

Select an additional 15 hours from at least three of the following: anthropology, economics, geography, history, political science, psychology, social science, or sociology. At least 12 hours must be 3000/4000 level.

Select one concentration:

ANT 3310 (3) Cultural Anthropology
 ANT 3311 (3) Physical Anthropology

IS 2241 (3) Computer Concepts and Applications
 TROY 1101 (1) University Orientation
 ANT 2200 (3) Anthropology
 SOC 2230 (3) Social Problems in Contemporary Society
 SOC 2275 (3) Introduction to Sociology

Select at least 18 hours of additional 3000/4000-level anthropology courses as approved by your faculty adviser.

Select at least 24 hours of additional 3000/4000-level courses from anthropology, economics, geography, history, political science, psychology or sociology (six hours may be used from ECO 2251, ECO 2252, GEO 2210, ANT 2200, POL 2260 [World Politics], or SOC 2230) in at least three disciplines.

SOC 3300 (3) Social Institutions
 SOC 4420 (3) Sociological Theory
 SS 3376 (3) Application of Social Scientific Inquiry

GEO 3300 (3) Principles of Physical Geography
 GEO 3301 (3) Principles of Cultural Geography

Select an additional 27 hours of approved upper-level sociology courses.

Select at least 18 hours of additional 3000/4000-level courses as approved by your faculty adviser:

Inquiry

LDR 1100 (3) Introduction to Leadership
 LDR 4400 (3) Leadership Seminar*
 *Requires approval of the Director of the Institute of Leadership Development

Select an additional 18 hours from the following:

AS 3312 (3) Air Force Leadership Studies I
 AS 3313 (3) Air Force Leadership Studies II
 COM 3345 (3) Group Discussion and Leadership
 HIS 4415 (3) Contemporary America
 MGT 3371 (3) Principles of Management and Organizational Behavior
 MGT 3375 (3) Human Resources Management
 MSL 2202 (2) Leadership and Teamwork
 MSL 2204 (1) Leadership Lab
 POL 4422 (3) Public Policy Making
 POL 3351 (3) Foundations of International Relations
 POL 4421 (3) Introduction to Public Administration
 PSY 4410 (3) Business and Industrial Psychology
 SOC 3301 (3) Social Change in the Information Age
 SOC 3302 (3) Sociology of Small Groups

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PHY L252 (1) General Physics I Laboratory
Or
PHY 2262 (3) Physics I with Calculus
PHY L262 (1) Physics I with Calculus Laboratory

ECO 2251 (3) Principles of Macroeconomics
ECO 2252 (3) Principles of Microeconomics
HIS 1111 (3) U.S. History to 1877
HIS 1112 (3) U.S. History since 1877

CS 2250 (3) Computer Science I
IS 2241 (3) Computer Concepts and
Applications
MTH 1126 (4) Calculus II
MTH 2210 (3) Applied Statistics
TROY 1101 (1) University Orientation

Select a physics course/lab combination: