



| Associate in Science – Secondary General Science Education CHEMISTRY Concurrent Pathway with AUM | | | | | |
|--|---|-------------------------------------|--|-------------------------|------|
| Semester | Grade | Course Prefix | Course Description | Credit Hours | Area |
| 1 | | ORI 105 | Orientation & Student Success | 1 | V |
| | | ENG 101 | English Composition I | 3 | I |
| | | MTH 125 | Calculus I | 4 | III |
| | | BIO 103 | Principles of Biology I | 4 | III |
| | | ART 100 or MUS 101 or THR 120 | Art Appreciation or Music Appreciation or Theatre Appreciation | 3 | II |
| | Semester Total | | | | 15 |
| 2 | | ENG 102 | English Composition II | 3 | I |
| | | | History, Social , or Behavioral Science Elective | 3 | IV |
| | | PHY 201 | General Physics I with Lab, Trig-based | 4 | III |
| | | FNDS 2010 | Societal Foundations of Education | 3 | V |
| | | FNDS 2120 | Child & Adolescent Growth | 3 | V |
| | Semester Total | | | | 16 |
| 3 | | ENG | Literature Sequence I | 3 | II |
| | | HIS 101 | Western Civilization I | 3 | IV |
| | | | History, Social , or Behavioral Science Elective | 3 | IV |
| | | PHY 202 | General Physics II with Lab, Trig-based | 4 | III |
| | | FNDS 2140 | Educational Psychology | 3 | V |
| | Semester Total | | | | 16 |
| | | ENG | Literature Sequence II | 3 | II |
| | | | History, Social, or Behavioral Science Elective | 3 | IV |
| | | SPH 106 | Fundamentals of Oral Communication | 3 | II |
| | | CHM 111 | College Chemistry I with Lab | 4 | III |
| | | ESPE 3760 | Survey of Exceptionalities | 3 | V |
| | Semester Total | | | | 16 |
| Total credit hours to be taken at AUM: 12 | | | | TOTAL CACC HOURS | 63 |
| * Students who complete the Associate in Science— Secondary General Science Education (Chemistry) Concurrent Pathway with Auburn University in Montgomery are exempt from CIS 146. Students must complete the entire pathway to receive the exemption. | | | | | |
| AUM Bachelor of Science – Secondary General Science Education CHEMISTRY | | | | | |
| 5 | ** Students should apply to Professional Ed during this semester ** | | | | |
| | | INST 4703 | Educational Technology | 3 | |
| | | CHEM 1200 & 1201 | General Chemistry II with Lab | 4 | |
| | | BIOL 1020 & 1021 | Organisms, Adaptations, Environment with Lab | 4 | |
| | | PSCI 1400 | Introduction to Astronomy | 3 | |
| Semester Total | | | | 14 | |
| 6 | | BIOL 2100 | Anatomy & Physiology I with Lab | 4 | |
| | | CHEM 3300 | Biochemistry | 4 | |
| | | CHEM 3000/4000 | Chem elective | 4 | |
| | | FNDS 4800 | Measurement & Evaluation | 3 | |
| | | SCED 4000 | Principles of Teaching | 3 | |
| | Semester Total | | | | 18 |
| 7 | | SCED 4050 | Classroom Management | 3 | |
| | | CHEM 3000/4000 | Chem elective | 4 | |
| | | CHEM 3000/4000 | Chem elective | 4 | |
| | | PSCI 4970 | Senior Seminar | 3 | |
| | | SCED 4110 | Teaching Methods of Secondary Math | 3 | |
| | Semester Total | | | | 17 |
| 8 | | SCED 4924 | Professional Internships | 9 | |
| | | SCED 4982 | Comprehensive Exam | 0 | |
| | | PSCI 1300 | Introduction to Earth Science | 3 | |
| | Semester Total | | | | 12 |
| TOTAL AUM HOURS (semesters 5-8) | | | | 61 | |
| TOTAL PROGRAM HOURS | | | | 124 | |