

BA Chemistry — Pre-Med (MCHA), Pre-Den (DCHA), Pre-Opt (OCHA)

Freshman

Fall	Hours	Spring	Hours
ENGL 1100 English Composition I		3 ENGL 1120 English Composition II	3
MATH 1610 Calculus I		4 MATH 1620 Calculus II	4
CHEM 1110 General Chemistry I ¹		3 CHEM 1120 General Chemistry for Scientists and Engineers II ¹	3
CHEM 1111 General Chemistry I Laboratory		1 CHEM 1121 General Chemistry II Laboratory	1
BIOL 1020 Principles of Biology		3 BIOL 1030 Organismal Biology	3
BIOL 1021 Principles of Biology Laboratory		1 BIOL 1031 Organismal Biology Laboratory	1
SCMH 1890 Pre-Health Professions Orientation		1	
		16	15

Sophomore

Fall	Hours	Spring	Hours
CHEM 2070 Organic Chemistry I		3 CHEM 2080 Organic Chemistry II	3
CHEM 2071 Organic Chemistry I Laboratory		1 CHEM 2081 Organic Chemistry II Laboratory	1
PHYS 1500 General Physics I		4 PHYS 1510 General Physics II	4
CHEM 3050 Analytical Chemistry		3 Core History	3
CHEM 3051 Analytical Chemistry Laboratory		1 BIOL 3000 Genetics	3
COMM 1000 Public Speaking		3 BIOL 3001 General Genetics Laboratory	1
		15	15

Junior

Fall	Hours	Spring	Hours
BCHE 5180 Biochemistry I		3 CHEM 3000 Chemical Literature	1
BCHE 5181 Biochemistry I Laboratory		1 Foreign Language	4
CHEM 3160 Survey of Physical Chemistry		3 CORE SOCIAL SCIENCE ¹	3
Foreign Language		4 CORE FINE ARTS	3
Core Literature		3 BIOL 3200 General Microbiology	3
		BIOL 3201 General Microbiology Laboratory	1
		14	15

Senior

Fall	Hours	Spring	Hours
BCHE 5190 Biochemistry II		3 CHEM Elective ³	3
BCHE 5191 Biochemistry II Laboratory		1 Core Social Science or Humanities ⁴	3
Core History or Literature ³		3 CORE HUMANITIES	3
CORE SOCIAL SCIENCE ¹		3 Elective	5

Elective	6 UNIV 4AA0 Achieve the Creed	0
	16	14

Total Hours: 120

Long range schedules for COSAM courses are online at www.auburn.edu/cosam/students/

Courses in BOLD will be used to calculate GPA in major.

Options for courses labeled CORE are in the Auburn University Bulletin (www.auburn.edu/bulletin) under Core Curriculum.

- ¹ CHEM 1030/1031 and 1040/1041 sequence can substitute for CHEM 1110/1111 and 1120/1121. See advisor for details.
- ² CHEM Electives are defined as any CHEM course 3000-level and above. A maximum of 3 hours of CHEM 4980 may be counted as a CHEM elective. Additional hours may be used as general elective.
- ³ Students must complete a sequence of EITHER History or Literature to graduate. Please select the second half of EITHER the History or Literature sequence that you began.
- ⁴ If a second LITERATURE sequence is chosen, this course must be a CORE SOCIAL SCIENCE. If a second HISTORY sequence is chosen, this course must be a CORE HUMANITIES.
- ⁵ This course must be taken the semester of graduation.