

Microbiology (MCMB) — Pre-Med (MMCB), Pre-Den (DMCB), Pre-Opt (OMCB)

Freshman

Fall	Hours	Spring	Hours
ENGL 1100 English Composition I		3 ENGL 1120 English Composition II	3
CHEM 1030 Fundamentals Chemistry I ¹		3 CHEM 1040 Fundamental Chemistry II	3
CHEM 1031 Fundamental Chemistry I Laboratory		1 CHEM 1041 Fundamental Chemistry II Laboratory	1
BIOL 1020 Principles of Biology		3 MATH 1610 Calculus I	4
BIOL 1021 Principles of Biology Laboratory		1 BIOL 1030 Organismal Biology	3
SCMH 1890 Pre-Health Professions Orientation		1 BIOL 1031 Organismal Biology Laboratory	1
CORE HISTORY I		3 BIOL 2100 Professional Development	1
		15	16

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
BIOL 3000 Genetics		3 COMM 1000 Public Speaking	3
BIOL 3001 General Genetics Laboratory		1 BIOL 3200 General Microbiology	3
STAT 2510 Statistics for Biological and Health Sciences		3 BIOL 3201 General Microbiology Laboratory	1
		15	15

Junior

Fall	Hours	Spring	Hours
BCHE 5180 Biochemistry I		3 BIOL 4100 Cell Biology	3
PSYC 2010 Introduction to Psychology		3 BIOL 4101 Cell Biology Laboratory	2
CORE FINE ARTS		3 BCHE 5190 Biochemistry II	3
CORE LITERATURE		3 PHIL 1030 Ethics and the Health Sciences	3
CORE HISTORY II		3 CORE SOCIAL SCIENCE ²	3
		15	14

Senior

Fall	Hours	Spring	Hours
BIOL 5200 Clinical Microbiology		5 MCMB Elective	10
BIOL 5250 Microbial Evolution and Diversity		4 Elective³	6
BIOL 5500 Immunology		3 BIOL 4AA0 Professional Development II	0
BIOL 5260 Prokaryotic Molecular Genetics		3 BIOL 4950 Senior Seminar	1
		15	17

Total Hours: 122

Long range schedules for COSAM courses are online at <http://aub.ie/cosamlrs>

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.

Students should declare a major in the semester they earn 60 hours.

Students must complete all requirements for that major prior to graduation.

Students planning a Physics major should consult with the pre-health advisor.

¹ The Chemistry 1110/1111-1120/1121 sequence can substitute for CHEM 1030/1031-1040/1041. See advisor for details.

² Students who have AP or transfer credit for US History should see an advisor for CORE SOC SCI choices.

³ Total electives required may change with choice of major.