

INFORMATION CONCERNING GENERAL RULES, REGULATIONS AND MINIMUM REQUIREMENTS

TOTAL HOURS: A minimum of 120 semester hours acceptable toward graduation must be completed.

UPPER-DIVISION HOURS: A minimum of 48 upper-division semester hours acceptable toward graduation must be completed. OU courses numbered 3000 or above are upper-division. Transfer work is counted as lower-division or upper-division credit depending on the level at which it was offered at the institution where it was earned. Two-year college work is accepted only as lower-division credit.

ARTS AND SCIENCES HOURS: At least 80 semester hours of liberal arts and sciences courses are required for a BA degree. At least 55 semester hours of liberal arts and sciences courses are required for a BS degree.

MAJOR WORK: A minimum of 30 semester hours must be earned in the major, including a minimum of 15 credit hours at the upper-division level.

PASS/NO PASS ENROLLMENT: A maximum of 16 semester hours of free elective credit may be attempted under this option.

INDIVIDUAL STUDIES (e.g., courses titled "Independent Study"): A maximum of 12 total semester hours may be counted toward graduation.

MILITARY, MILITARY IN-SERVICE, SKILLS, APPLIED TECHNOLOGY, AND P.E. COURSES: A maximum of 16 semester credit hours of basic skills and/or applied technology courses. No physical education activity courses will be counted toward the 120 semester hours of acceptable credit for graduation.

SENIOR INSTITUTION HOURS: A minimum of 60 semester hours applied toward graduation must be earned at senior (4-year) institutions.

RESIDENCY:

- At least 15 of the final 30 hours applied toward the degree or at least 50 percent of the hours required by the institution in the major field must be satisfactorily completed at the awarding institution.
- At least 15 semester hours of upper-division major work must be completed in residence at OU.
- OU correspondence courses are **not** considered resident credit.
- Credits earned via examination are neither resident nor nonresident credit.

GRADE POINT AVERAGES: Students must earn a minimum overall 2.00 for each of the following: Combined Retention GPA (all college grades), OU Retention GPA, GPA for all major courses, and GPA for all major courses taken at OU. Some schools and departments of the College have higher minimum grade point averages required for their students.

SPECIAL DEGREES: Students may qualify for an Honors degree (cum Laude, Magna cum Laude, or Summa cum Laude) by completing specific requirements of the Honors College. A degree will be earned with Distinction if the student completes at least 60 semester hours at OU with at least a 3.60 combined retention GPA and OU retention GPA. A degree will be earned with Special Distinction if the student completes at least 60 semester hours at OU with at least a 3.90 combined retention GPA and OU retention GPA.

APPLICATION FOR GRADUATION: Students must apply for graduation during the term in which they complete their degree requirements in order to graduate in that term. The application is valid for three terms. Application forms are available from the College of Arts and Sciences Academic Services office, Ellison Hall, Room 124. The deadline for completion of all coursework to graduate in a particular term is the last day of classes in that term.

Refer to the OU General Catalog for more complete information.

Suggested Semester Plan of Study — Microbiology (Standard) - 0411A

This plan shows one possible grouping of courses that would allow students to graduate in four years. Please refer to the front of the degree checksheet for official requirements. Students must consult with College of Arts and Sciences and/or Department of Botany and Microbiology academic advisers to verify that courses selected each semester fulfill the recommended plan and satisfy university, College of Arts and Sciences, and Microbiology major requirements.

Year	FIRST SEMESTER	Hours	SECOND SEMESTER	Hours
FRESHMAN	CHEM 1315, General Chemistry ENGL 1113, Principles of English Composition (Core I) MATH 1743, Calculus I for Business, Life and Social Sciences (Core I) Beginning Foreign Language (Core I)	5 3 3 5	CHEM 1415, General Chemistry continued ENGL 1213, Principles of English Composition (Core I), or EXPO 1213, Expository Writing (Core I) P SC 1113, American Federal Government (Core III) Beginning Foreign Language continued (Core I)	5 3 3 5
	TOTAL CREDIT HOURS	16	TOTAL CREDIT HOURS	16
SOPHOMORE	BOT 1114, General Botany, or ZOO 1114, Introductory Zoology, and 1121, Introductory Zoology Lab CHEM 3053, Organic Chemistry PHYS 1311, General Physics Lab I PHYS 2414, General Physics for Life Sciences Oriented Majors Intermediate Foreign Language	4-5 3 1 4 3	CHEM 3153, Organic Chemistry CHEM 3152, Organic Chemistry Lab PHYS 1321, General Physics Lab II PHYS 2424, General Physics for Life Sciences Oriented Majors Social Science (Core III) Understanding Artistic Forms (Core IV)	3 2 1 4 3 3
	TOTAL CREDIT HOURS	15-16	TOTAL CREDIT HOURS	16
JUNIOR	CHEM 3653, Introduction to Biochemistry MBIO 3813, Fundamentals of Microbiology MBIO 3812, Fundamentals of Microbiology Laboratory MBIO Major Elective Non-Western Culture (Core IV)	3 3 2 3 3	CHEM 3753, Introduction to Biochemical Methods MBIO 4813, Ecology & Pathogenic Microbiology Laboratory MBIO 4843, Introduction to Molecular Biology MBIO Major Elective Western Civilization & Culture (Core IV)	3 3 3 3 3
	TOTAL CREDIT HOURS	14	TOTAL CREDIT HOURS	15
SENIOR	HIST 1483, United States 1492-1865, or 1493, United States 1865-Present (Core IV) MBIO 4823, Pathogenic Microbiology and Immunology MBIO Major Elective Humanities, upper-division, outside major (Gen. Ed.) Free Elective, lower- or upper-division	3 3 3 2 3	MBIO 4853, Physiology of Microorganisms MBIO 4893, Capstone in Microbiology (Capstone), or 4950, Senior Thesis-Capstone Humanities, upper-division, outside major (Gen. Ed.) Free Elective, lower- or upper-division Free Elective, upper-division (3000-4000-level)	3 3 3 3 3
	TOTAL CREDIT HOURS	14	TOTAL CREDIT HOURS	15

Bachelor's degrees require a minimum of 48 hours of upper-division (3000-4000) coursework.

This plan of study should not be used in lieu of academic advisement.

Students who transfer from other institutions (particularly community colleges) must verify credit hour and course requirements with their college academic counselor, ELLH 124, 325-4411, <http://ou.edu/cas>. Please make an appointment for a degree check with your college academic counselor once you have earned 90 hours. Appointments may be scheduled at iAdvise.ou.edu.