B.A. in Biochemistry

Overview
Degree Requirements

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The academic regulations for this degree program, as entered in the University of Mississippi Catalog, are in effect for the current or selected academic year and semester. The University of Mississippi reserves the right to 1) change or withdraw courses; 2) change rules for registration, instruction, and graduation; and 3) change other regulations affecting the student body at any time.

General Education

REQUIREMENT	HOURS	DESCRIPTION
First Year Writing I	3	Complete Hon 101, Writ 100 or Writ 101 with a passing grade.
First Year Writing II	3	Complete one of the following courses with a passing grade: Liba 102, Writ 102 or Hon 102.
6 hrs literature survey	6	Complete 6 hours of literature survey with a passing grade. Choose from the following courses: Eng 220, 221, 222, 223, 224, 225, or Eng 226.
6 hrs modern/ancient language 200+	6	Successfully complete at least 6 hours at the 200 level or above in one modern or ancient language.
6 hrs history	6	Complete 6 hours in History (HST) course work with a passing grade.
3 hrs humanities	3	Successfully complete 3 hours in one of the following areas: African-American studies; classical civilization; environmental studies (Envs 101); gender studies (G St 201, 301, 333, 350); philosophy; religion; Southern studies (S St 101, 102). In addition, gender studies courses that are cross-listed with African American studies, classical civilization, English, modern languages, philosophy, or religion courses will satisfy this requirement.
6 hrs social science	6	Successfully complete 6 semester hours in anthropology, economics, political science, psychology, or sociology.
3 hrs fine arts	3	Complete 3 hours in the area of fine or performing arts. Choose from art history, music, dance, and theatre arts. Studio and workshop courses cannot be used to satisfy this requirement. Acceptable freshman or sophommore-level courses are: AH 101, AH 102, AH 201, AH 202; Music 101, Music 102, Music 103, Music 104, Music 105; Dance 200; Theatre 201 and 202
3 hrs math 100+	3	Successfully complete 3 hours of Math at the 100 level or above except for Math 245 and Math 246.
9-12 hrs science	9	Complete a full year of science course work in one subject area (6-8 hrs) and complete 3 credit hours in a subject area from another department. Courses may be chosen from the departments of Biology, Chemistry and Biochemistry, Geology and Geological Engineering, or Physics and Astronomy.
2 associated science labs	2	Successfully complete at least two science laboratory courses.

Major Requirements

REQUIREMENT	HOURS	DESCRIPTION
Chem 105 and 115	3	Chem 105: General Chemistry I
Chem 106 and 116	3	Chem 106: General Chemistry II
Chem 105 and 115	1	Chem 115: General Chemistry Laboratory I
Chem 106 and 116	1	Chem 116: General Chemistry Laboratory II
Chem 221 and 225	3	Chem 221: Elementary Organic Chemistry I
Chem 222 and 226	3	Chem 222: Elementary Organic Chemistry II
Chem 221 and 225	1	Chem 225: Elementary Organic Chem. Laboratory I
Chem 222 and 226	1	Chem 226: Elementary Organic Chem. Laboratory II
Chem 331 or 334	3	Chem 334: Biophysical Chemistry, Chem 331: Physical Chemistry I
Chem 471 and 472 (or 463)	5	Chem 471: Biochemistry I, Chem 472: Biochemistry Laboratory
Chem 473	3	Chem 473: Biochemistry II
Chem 580 or 581	3	Chem 581: Molecular Biochemistry II, Chem 580: Molecular Biochemistry I
Chemistry residency hrs	12	Students must earn at least 12 hours of their major courses in residence. The following courses may not be used for major or minor credit: Chem 101, Chem 102, Chem 103, Chem 104, Chem 113, Chem 114, Chem 121, Chem 201, Chem 202,Chem 271, Chem 381, Chem 382, or Chem 383.

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REQUIREMENT	HOURS	DESCRIPTION
Resident Major GPA		Please contact your academic advisor for grade point requirements.
Overall Major GPA		Please contact your academic advisor for grade point requirements.

Major Requirements II

REQUIREMENT	HOURS	DESCRIPTION
Math 261	3	Complete Math 261 with a passing grade.
Math 262	3	Complete Math 262 with a passing grade.
8 hrs physics sequence	8	Successfully complete one of the following physics sequence: - Phys 211, 212, 221, 222 - Phys 213, 214, 223, 224

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