

**THE BACHELOR OF ARTS DEGREE IN BIOCHEMISTRY
with a Minor in Biology**

Contact: Department of Chemistry, 322 Coulter, 915-7301

Total minimum credit hours: 124

Fall Semester			
Dept	No.	Course Title	S.H.
WRIT	101	English Composition 1	(3)
		(or WRIT 100 or Hon101)	
BISC	160	Biology I	(3)
BISC	161	Biology Lab	(1)
CHEM	105	General Chemistry I	(3)
CHEM	115	General Chem Lab	(1)
MATH	261	Calculus I	(3)
		CH & BI Hon. Recit. (1)	
(14)			

Spring Semester			
Dept	No.	Course Title	S.H.
WRIT	102	English Composition 2	(3)
		(or Hon102 or Liba102)	
BISC	162	Biology II	(3)
BISC	163	Biology Lab	(1)
CHEM	106	General Chemistry II	(3)
CHEM	116	General Chem Lab	(1)
MATH	262	Calculus II	(3)
		‡ Lib.Arts Req.	(3)
(17)			

Sophomore Year

ENGL	221-226	English literature	(3)
	101	Foreign language	(3)
CHEM	221	Organic Chemistry 1	(3)
CHEM	225	Organic Chem Lab	(1)
PHYS	211	Physics for Sci. & Eng.	(3)
PHYS	221	Physics Lab	(1)
(14)			

ENGL	221-226	English literature	(3)
	102	Foreign language	(3)
CHEM	222	Organic Chemistry 2	(3)
CHEM	226	Organic Chem Lab	(1)
PHYS	212	Physics for S&E 2	(3)
PHYS	222	Physics Lab 224	(1)
		‡ Lib.Arts Req.	(3)
(17)			

Junior Year

CHEM	471	Biochemistry	(3)
CHEM	334	Biophysical Chem	(3)
		(or P-Chem 331)	
BISC	336	Genetics	(4)
	201	Foreign language	(3)
CHEM	351	*Individual Research	(3)
(16)			

CHEM	473	Biochemistry II	(3)
CHEM	472	Biochem Lab	(2)
BISC	330	Physiology	(4)
	202	Foreign language	(3)
CHEM	351	*Individual Research	(3)
(15)			

MCAT/DAT Exams

Senior Year

CHEM	580	Molecular Biochem	(3)
BISC	333	Microbiology	(4)
CHEM	463	*Senior Research	(3)
		‡ Lib.Arts Req.	(3)
		‡ Lib.Arts Req.	(3)
(16)			

CHEM	463	*Senior Research	(3)
		‡ Lib.Arts Req.	(3)
		‡ Lib.Arts Req.	(3)
		Elective	(3)
		Elective	(3)
(15)			

Major requirements (31 credits) include: Chem 105, 106, 115, 116, 221, 222, 225, 226, 334, 471, 472, 473, and 580.

Twenty (20) credits of Biology are required, which is sufficient for a minor.

Liberal Arts Requirements

- English 6 credits Composition, 6 credits Literature
- ‡ History 6 credits, 101 & 102 World History; 105 & 106 US; or 300 level courses
- ‡ Modern Langu 6 credits at the 200 level, students continuing in Spanish or French start with 121
- ‡ Social Science 6 credits, PSY, SOC, ANTH, ECON or POL
- ‡ Fine Arts 3 credits, Art history, Music, Dance or Theater Arts
- ‡ Humanities 3 credits, African American Studies, Classics, Gender Studies, Philosophy, Religion or Southern Studies

42 credits must be at the 300 level or above. (26 are specified above - 16 more as electives)

* Variable Credit Research experience and thesis are required for Honors, and strongly suggested for students considering Graduate School.