

**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				Spring Semester			
Freshman Year (14)				Spring Semester (17)			
English Composition 1 (or Hon101 or Liba102)	ENGL	101	(3)	English Composition 2 (or Hon102 or Liba102)	ENGL	102	(3)
Biology I	BISC	160	(3)	Biology II	BISC	162	(3)
Biology Lab	BISC	161	(1)	Biology Lab	BISC	163	(1)
General Chemistry I	CHEM	105	(3)	General Chemistry II	CHEM	106	(3)
General Chem Lab	CHEM	115	(1)	General Chem Lab	CHEM	116	(1)
Calculus I	MATH	261	(3)	Calculus II	MATH	262	(3)
				‡ Lib.Arts Req.			(3)
Sophomore Year (14)				Spring Semester (17)			
English literature	ENGL	221-226	(3)	English literature	ENGL	221-226	(3)
Foreign language		101	(3)	Foreign language		102	(3)
Organic Chemistry 1	CHEM	221	(3)	Organic Chemistry 2	CHEM	222	(3)
Organic Chem Lab	CHEM	225	(1)	Organic Chem Lab	CHEM	226	(1)
Physics for Sci. & Eng. or Gen. Physics (213)	PHYS	211	(3)	Physics	PHYS	212 or 214	(3)
Physics Lab	PHYS	221 or 22	(1)	Physics Lab 224	PHYS	222 or 224	(1)
				‡ Lib.Arts Req.			(3)
Junior Year (16)				Spring Semester (15)			
Biochemistry	CHEM	471	(3)	Biochemistry II	CHEM	473	(3)
Biophysical Chem	CHEM	334	(3)	Biochem Lab	CHEM	472	(2)
Genetics	BISC	336	(4)	Physiology	BISC	330	(4)
Foreign language		201	(3)	Foreign language		202	(3)
*Individual Research	CHEM	351	(3)	*Individual Research	CHEM	351	(3)
				MCAT/DAT Exams			
Senior Year (16)				Spring Semester (15)			
Molecular Biochem	CHEM	580	(3)	*Senior Research	CHEM	463	(3)
Microbiology	BISC	333	(4)	‡ Lib.Arts Req.			(3)
*Senior Research	CHEM	463	(3)	‡ Lib.Arts Req.			(3)
‡ Lib.Arts Req.			(3)	Elective			(3)
‡ Lib.Arts Req.			(3)	Elective			(3)

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 Language	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 (1-3). Research experience and thesis are required for Honors, and strongly suggested for students considering Graduate School.

Revised 03/2010