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**				
			(14)		**Freshman Year**			(17)	
English composition 1	ENGL	101	(3)		English composition 2	ENGL	102	(3)	
or First-Year Seminar	LIBA	102			Biology II	BISC	162	(3)	
Biology I	BISC	160	(3)		Biology Lab	BISC	163	(1)	
Biology Lab	BISC	161	(1)		**General Chemistry II**	**CHEM**	**106**	(3)	
General Chemistry I	**CHEM**	**105**	(3)		**General Chem Lab**	**CHEM**	**116**	(1)	
General Chem Lab	**CHEM**	**115**	(1)		Calculus II	MATH	262	(3)	
Calculus I	MATH	261	(3)		Lib. Arts. Requirement			(3)	
			(14)		**Sophomore Year**			(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.	PHYS	211	(3)		Physics	PHYS	212 / 214	(3)	
or General Physics	PHYS	213			Physics Lab 224	PHYS	222 / 224	(1)	
Physics Lab	PHYS	221 / 223	(1)		Social Science			(3)	
			(16)		**Junior Year**			(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)	
			(16)		**Senior Year**			(15)	
Molecular Biochem	**CHEM**	**580**	(3)		*Senior Research	CHEM	463	(3)	
Microbiology	BISC	333	(4)		History	HIS		(3)	
*Senior Research	CHEM	463	(3)		Humanities			(3)	
History	HIS		(3)		Elective			(3)	
Fine Art			(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 (p144 in the 05-06 Undergraduate Catalog)

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 contemplating Graduate School.

Revised 08/2006