



Program: BS Biochemistry, ACS
Bulletin: 2019-2020

rev: Aug 2019

dept= 45; cog= 34

MAJOR Courses

Chemistry and Biochemistry Core		34	
CHEM131	General Chem I	4	<input type="text"/>
CHEM131	General Chem II	4	<input type="text"/>
CHEM231	Organic Chem I	3	<input type="text"/>
CHEM232	Organic Chem II	3	<input type="text"/>
CHEM241	Organic Chem Lab I	1	<input type="text"/>
CHEM242	Organic Chem Lab II	1	<input type="text"/>
CHEM200	Quantitative Analysis	4	<input type="text"/>
CHEM210	Current Chemical Topics	0	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
CHEM400	Chemical Separations	2	<input type="text"/>
CHEM430	Instrumental Analysis	2	<input type="text"/>
CHEM431	Physical Chem I	3	<input type="text"/>
CHEM441	Physical Chem Lab I	1	<input type="text"/>
BCHM421	Biochemistry I	4	<input type="text"/>
CHEM418	Seminar in Chem & Biochem	2	<input type="text"/>

BS Biochemistry, ACS: core plus the following		11	
BCHM422	Biochemistry II	3	<input type="text"/>
BCHM430	Biochemistry Lab	1	<input type="text"/>
CHEM415	Adv Inorganic Chem	4	<input type="text"/>
CHEM432	Phys Chem II	3	<input type="text"/>

COGNATES

ACS Biochemistry Cognates		34	
MATH191(5)	Calculus I	4	<input type="text"/>
MATH192	Calculus II	4	<input type="text"/>
PHYS241	Physics for Sci & Eng I	4	<input type="text"/>
PHYS242	Physics for Sci & Eng II	4	<input type="text"/>
PHYS241	Phys for Sci & Eng LAB I	1	<input type="text"/>
PHYS242	Phys for Sci & Eng LAB II	1	<input type="text"/>
MATH240/286	Calculus III OR Diff Eq	3	<input type="text"/>
BIOL165	Foundations of Biology	5	<input type="text"/>
BIOL166	Foundations of Biology	5	<input type="text"/>
ONE Advanced Biology/Nutrition Courses			
BIOL371	Genetics (fall)	3	<input type="text"/>
BIOL420	Immunology (fall even)	3	<input type="text"/>
BIOL464	Systems Physiology (fall)	4	<input type="text"/>
BIOL372	Cellular & molecular biology (spring)	3	<input type="text"/>
BIOL485	Developmental Biology (spring)	3	<input type="text"/>
BIOL465	Histology (spring)	3	<input type="text"/>
BIOL415	Genomics, Proteomics, and Bio	3	<input type="text"/>
BIOL447	Cell & Tissue Culture (odd spring)	3	<input type="text"/>
BIOL450	Neuropsychopharmacology (spring)	3	<input type="text"/>

ANDREWS CORE EXPERIENCE (ACE, GENERAL EDUCATION)

Use general education tables for each bulletin year