



Program: BS Biochemistry

Bulletin: 2019-2020

rev: Aug 2019

dept= 36; cog= 32

MAJOR Courses

Chemistry and Biochemistry Core		32	
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 or CHEM430	Chemical Separations 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: core plus the following		4	
BCHM422	Biochemistry II	3	<input type="text"/>
BCHM430	Biochemistry Lab	1	<input type="text"/>

COGNATES

Biochemistry cognates		32	
MATH191(5)	Calculus I	4	<input type="text"/>
MATH192	Calculus II	4	<input type="text"/>
PHYS141	Gen Phys I (or Phys241/271)	4	<input type="text"/>
PHYS142	Gen Phys II (or Phys241/271)	4	<input type="text"/>
BIOL165	Foundations of Biology	5	<input type="text"/>
BIOL166	Foundations of Biology	5	<input type="text"/>
Two 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 Bioinformatics	3	<input type="text"/>
BIOL447	Cell & Tissue Culture (odd spring)	3	<input type="text"/>
BIOL450	Neuropsychopharmacology (spring)	3	<input type="text"/>

GENERAL EDUCATION

Use general education tables for each bulletin year