

BIOCHEMISTRY MAJOR

General Biochemistry/ASC Approved Concentration (UBCG or UBCA – Major and Related Courses - 21)

DOMAIN GENERAL EDUCATION (10 Courses Required):
 Domain II B is satisfied through completion of the Chemistry major, leaving ten courses to be completed to satisfy the remaining General Education subdomains through courses taken outside the major department. Only courses designated (Gen. Ed. Domain) after the course title will meet General Education requirements. Please refer to the catalog for full information.

<u>COURSE #</u>	<u>TITLE</u>	<u>SUBDOMAINS</u>
		<u>MET</u>
<u>MATH 219</u>	<u>Calculus I</u>	<u>CCB</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Domain General Education Subdomains
 (check off as completed):

Common Core:	A. ENGL 110 Expository Writing _____
	B. MATH XXX (credit-bearing) _____
Domain I:	A. Creative Arts _____
	B. Humanities _____
	C. Language _____
Domain II:	A. Analysis, Modeling, Problem-Solving _____
	B. Natural Sciences (two) _____ X _____
	_____ Laboratory Science _____

X = Fulfilled through Major

<u>BIOL 161</u>	<u>Intro to Cell & Molecular Biology</u>
<u>OR</u>	
<u>BIOL 130</u>	<u>Principles of Biology</u>
<u>BIOL 208</u>	<u>Genetics</u>
<u>BIOL 260</u>	<u>Cell Biology</u>
<u>CHEM 107</u>	<u>Principles of Chemistry</u>
<u>CHEM 108</u>	<u>Principles of Chemistry & Quantitative Analysis</u>
<u>CHEM 207</u>	<u>Organic Chemistry I</u>
<u>CHEM 208</u>	<u>Organic Chemistry II</u>
<u>CHEM 301</u>	<u>Biochemistry I</u>
<u>CHEM 303</u>	<u>Physical Chemistry I</u>
<u>CHEM 321</u>	<u>Instrumental Analysis</u>
<u>CHEM 332</u>	<u>Biochemistry II</u>
<u>MATH 220</u>	<u>Calculus II</u>
<u>PHYS 211</u>	<u>Principles of Physics I</u>
<u>PHYS 212</u>	<u>Principles of Physics II</u>

Choose two (2) from:
BIOL 208/208L Genetics with Lab
BIOL 260/260L Cell Biology with Lab
BIOL 262/262L Molecular Biology with Lab

Concentration requirements:
 ACS Approved or General Biochemistry (choose one)

Choose four (4) restricted elective courses (see catalog):

_____	_____
_____	_____
_____	_____
_____	_____

FREE ELECTIVES (1):

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