

BIOLOGY CURRICULUM SEQUENCE

(General)



<i>Freshman Year (First Semester)</i>			<i>Freshman Year (Second Semester)</i>		
BIOL 109 (Honors 111)	Foundation in Biology I	4	BIOL 110 (Honors 112)	Foundations in Biology II	4
CHEM 105/105L (Honors 111/11L)	Principles of General Chemistry	4	CHEM 106/106L (Honors 112/112L)	Principles of General Chemistry II	4
ENGL 101	Freshman Composition I EC	3	MATH 114	Intro to Mathematical Analysis I	4
MATH 113	Intro to Mathematical Analysis I	4	ENGL 102	Freshman Composition II EC	3
ORNS 106	Freshman Orien. SCMNS Majors	1			
	TOTAL	16		TOTAL	15
<i>Sophomore Year (Third Semester)</i>			<i>Sophomore Year (Fourth Semester)</i>		
BIOL 204	Developmental Biology	4	XXXX	200 Level Biology Course	4
CHEM 203/203L	Organic Chemistry I	5	CHEM 204/204L	Organic Chemistry II	5
XXXX	SB General Education Req.	3	COSC 110 (COSC 150)	Intro to Computing	3
XXXX	AH General Education Req.	3	XXXX	AH General Education Req.	3
	TOTAL	15		TOTAL	15
<i>Junior Year (Fifth Semester)</i>			<i>Junior Year (Sixth Semester)</i>		
BIOL 303	Genetics	4	BIOL 310	Cell and Molecular Biology	4
PHYS 203/203L *(PHYS 205/205L)	Gen. Physics: Fund. of Physics I University Physics I	4(5)	PHYS 204/204L *(PHYS 206/206L)	Gen. Physics: Fund. of Physics II (University Physics II)	4(5)
PHIL 109	Intro to Critical Thinking	3	XXXX	400 Level BIOL Course	4
XXXX	CI General Education Req.	3	XXXX	PHYS ED or FIN 101 or MIND 101	1
XXXX	SB General Education Req.	3			
	TOTAL	15(16)		TOTAL	13(14)
<i>Senior Year (Seventh Semester)</i>			<i>Senior Year (Eighth Semester)</i>		
XXXX	400 Level BIOL Course (CHEM Elective)	4	**BIOL 450 (BIOL 451) (BIOL 453)	Critical Analysis of Scientific Lit. (Senior Research Seminar) (Scientific Communication)	3
XXXX	Comp. Studies Elective	3	XXXX	400 Level BIOL Course	4
***XXXX	Quantitative Analysis Course	3	XXXX	Complementary Studies Elective	3
XXXX	HH General Education Req.	3	XXXX	Free Elective	3
XXXX	Free Elective	3			
	SCMNS TOTAL	16		SCMNS TOTAL	13
				TOTAL CREDITS	120(122)

Please Note

*Math 241 and 242 are prerequisites for PHYS 205 and 206 lecture and lab.

**For the CHEM elective, the student must choose Chem 207 or Chem 304 to fulfill a minor in Chemistry.

***For the quantitative analysis course, students may choose one of the following courses: ACCT 201, ECON 212, PYSC 316 OR 317, MATH 120, 242, OR 331.

**** BIOL 450, 451 or 453 may not be used to satisfy 400 level Biology requirements.