

SAMPLE PLAN FOR: MOLECULAR BIOLOGY

FRESHMAN YEAR (beginning even yr)

BI120 Biology I (F)	4	AH110 Writing the Self in Culture	3
CH123 General Chemistry I (F)	4	BI129 Biology II (S)	4
FS101 First Year Seminar	3	CA111 Fund of Oral Communication	3
MA106 Precalculus	4	CH124 General Chemistry (S)	4
NS198 Natural Science Seminar	$\frac{1}{2}$	NS198 Natural Science Seminar	$\frac{1}{2}$
	<u>15 ½</u>		<u>14 ½</u>

SOPHOMORE YEAR

AH120 Writing the World	3	BI236 Anatomy & Physiology II (S)	4
BI235 Anatomy & Physiology I (F)	4	OR	
OR		(a)BI367 Vertebrate Physiology	
(a)BI357 Comp Vertebrate Anatomy		(a)BI320 Ecology	4
CH233 Organic Chemistry I (F)	5	CH234 Organic Chemistry II (S)	5
ES130 Fitness for Life		MA201 Calculus I (S)	<u>4</u>
OR			17
Personal Wellness & Physical Activity	<u>2</u>		
	14		

JUNIOR YEAR

AH220 Global Civilization	3	(a)BI431 Molecular Biology	4
(a)BI358 Microbiology	4	(a)MA306 Probability & Statistics	4
(a)BI480 Genetics I	4	OR	
(a)PH210 Physics I	4	PY230 Behavioral Statistics	3
NS198 Natural Science Seminar	<u>1</u>	(a)PH220 Physics II	4
	16	SO120 Life in Society	<u>3</u>
			14-15

SENIOR YEAR

(a)CH368 Biochemistry I	4	IT102 Document Production	1
NS499 Capstone Research	3	IT103 Spreadsheet Skills	1
NS Internship, Co-op or Field Exp	3	IT104 Presentation Skills	1
Any Art Course OR MU110	3	Social Science	3
Literature (EN220, 325, 335, 345, 355)	<u>3</u>	200-level Religion, except RL250	3
	16	Open Electives	<u>4</u>
			13

Total Hours: 120

Note: (F) means the course is usually offered only in the fall semester and (S) means the course is usually offered only in the spring semester. When neither (F) or (S) is indicated the course is usually offered in both fall and spring semesters or once per year in either semester. (a) means the course is offered in alternate years.

Note: See college catalog for list of Personal Wellness courses and Physical Activity courses.

SAMPLE PLAN FOR: MOLECULAR BIOLOGY

FRESHMAN YEAR (beginning odd yr)

BI120 Biology I (F)	4	AH110 Writing the Self in Culture	3
CH123 General Chemistry I (F)	4	BI129 Biology II (S)	4
FS101 First Year Seminar	3	CA111 Fund of Oral Communication	3
MA106 Precalculus	4	CH124 General Chemistry (S)	4
NS198 Natural Science Seminar	$\frac{1}{2}$	NS198 Natural Science Seminar	$\frac{1}{2}$
	15 $\frac{1}{2}$		14 $\frac{1}{2}$

SOPHOMORE YEAR

AH120 Writing the World	3	CH234 Organic Chemistry II (S)	5
CH233 Organic Chemistry I (F)	5	MA201 Calculus I (S)	4
ES130 Fitness for Life	2	(a)PH220 Physics II	4
OR		SO120 Life in Society	$\frac{3}{4}$
Personal Wellness & Physical Activity			16
(a)PH210 Physics I	$\frac{4}{4}$		
	14		

JUNIOR YEAR

AH220 Global Civilization	3	BI236 Anatomy & Physiology II (S)	4
BI235 Anatomy & Physiology I (F)	4	OR	
OR		(a)BI367 Vertebrate Physiology	
(a)BI357 Comp Vertebrate Anatomy		(a)BI320 Ecology	4
(a)CH368 Biochemistry I	4	Literature (EN220, 325, 335, 345, 355)	3
NS198 Natural Science Seminar	1	Social Science	3
Any Art Course OR MU110	$\frac{3}{3}$	Open Electives	$\frac{1}{15}$
	15		15

SENIOR YEAR

(a)BI358 Microbiology	4	(a)BI431 Molecular Biology	4
(a)BI480 Genetics I	4	IT102 Document Production	1
NS499 Capstone Research	3	IT103 Spreadsheet Skills	1
NS Internship, Co-op or Field Exp	3	IT104 Presentation Skills	1
Open Electives	$\frac{3}{17}$	(a)MA306 Probability & Statistics	4
	17	OR	
		PY230 Behavioral Statistics	3
		200-level Religion, except RL250	$\frac{3}{13-14}$

Total Hours: 120

Note: (F) means the course is usually offered only in the fall semester and (S) means the course is usually offered only in the spring semester. When neither (F) or (S) is indicated the course is usually offered in both fall and spring semesters or once per year in either semester. (a) means the course is offered in alternate years.

Note: See college catalog for list of Personal Wellness courses and Physical Activity courses.