

Bachelor of Science in Biology Pre-Medical Professions Option (for medical & dental school)
SAMPLE PROGRAM (120 s.h. minimum) (Well-Prepared at Admission)

FIRST SEMESTER

BIOL	101	Foundations of Biology	4
CHEM	111†	Intro Chemistry I	4
MATH	160*	Precalculus	4
	or 161	Calculus 1	
COMM	100	Fundamentals of Speech	3
		<i>TOTAL S.H.</i>	<u>15</u>

SECOND SEMESTER

BIOL	211	Concepts of Zoology	4
CHEM	112†	Intro Chemistry II	4
MATH	161†	Calculus I	3-4
	or 235	(Statistics)	
ENGL	110	English Composition	3
		<i>TOTAL S.H.</i>	<u>14-15</u>

THIRD SEMESTER

BIOL	254	Human Anatomy & Physiol 1	4
CHEM	231	Organic Chem I	4
PHYS	131	Physics I with Algebra	4
WELL	175	Wellness	3
		<i>TOTAL S.H.</i>	<u>15</u>

FOURTH SEMESTER

BIOL	255	Human Anatomy & Physiol 2	4
CHEM	232	Organic Chem II	4
PHYS	132	Physics II with Algebra	4
G3	_____	Social Sciences (Psyc/Soc)	3
		<i>TOTAL S.H.</i>	<u>15</u>

FIFTH SEMESTER

BIOL	362	Cell & Devel Biology, W	4
BIOL	221	Concepts of Botany	3-4
	or _____	Biology Elective [§]	
CHEM	326	Biochemistry I	4
G3	_____	Social Sciences #2 (Psyc/Soc)	3
		<i>TOTAL S.H.</i>	<u>14-15</u>

SIXTH SEMESTER

BIOL	364	Genetics & Molecular Bio	4
BIOL	221	Concepts of Botany	3-4
	or _____	Biology Elective [§] , W	
BIOL	375	Biometry	3
	or Math 235	Statistics	
D	_____	Diversity Course (D), W	3
G1	_____	Humanities #1	3
		<i>TOTAL S.H.</i>	<u>16-17</u>

SEVENTH SEMESTER

BIOL	472	or 470 Seminar in Biology	1-2
BIOL	343	Ecology & Evolution	4
BIOL	_____	Biology Elective [§]	3-4
ENGL	319	or alt Advd Writing (AW)	3
G1	_____	Humanities #2	3
		<i>TOTAL S.H.</i>	<u>14-16</u>

EIGHTH SEMESTER

BIOL	_____	Biology Elective [§]	3-4
BIOL	Elec [§]	#4 for total of 43 BIOL s.h.	0-3
G1	_____	Humanities #3	3
G3	_____	Social Sciences #3	3
P	_____	Perspectives Course (P)	3
ELEC	_____	General Elective**	0-3
		<i>TOTAL S.H.</i>	<u>12-16</u>

† Can serve a a non-BIOL G2 course / * Can serve as a G2 required MATH course.

§ Electives must be 300-level or above; does not include BIOL 375 (e.g. BIOL 300, 352, 363, 417, 437, 438, 454, 461, 462, 463, 465, 467, 498/499)

**Credits required if needed to bring overall total to 120 s.h.