B.S. in Biology (Comprehensive Major) 2020 FOUR YEAR CURRICULUM GUIDE DEPARTMENT OF <u>Biology/Toxicology</u> SUGGESTED – Four Year Rotation

Year 1	Fall Semester		Year 1	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
BIO 201	M & C Basis of Life (Core 2)	4	BIO 202	Org. Adapt. And Div. (Core 4)	4
ENG 101	Composition I (Core 1)	3	ENG 102	English Composition II (Core 5)	3
CHEM 103	General Chemistry (FA only)	4	CHEM 104	General Chemistry (SP only)	4
CORE/CCI	Inst. Requirement (Core 3) or Math Requirement	3-5	COM 101 or 120	Communication (Core 6) or Math Requirement* (Core 8)	3-5
	TOTAL	14-16		TOTAL	14-16

Year 2	Fall Semester		Year 2	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
ELECTIVE	Dept. Elective† (1)	4	ELECTIVE	Dept. Elective (2)	4
CHEM 307	Organic Chem. I (FA only)	4	BIO 303	Genetics (FA or SP)	4
MATH	Math Requirement* or Inst. Requirement	3-5	MATH	Math Requirement* or Communication (Core 6)	3-5
CORE	Institutional Requirement (Core 7)	3	CORE	Institutional Requirement (Core 9)	3
ELECTIVE	Biology seminar elective (BIO 276 can be taken any SP or BIO 304 can be taken any FA after freshman year)	1	ELECTIVE	Biology Seminar elective (can be taken any semester after freshman year)	1
	TOTAL	15-17		TOTAL	15-17
Year 3	Fall Semester		Year 3	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
BIO 301	Professional Prep (FA or SP)	1	ELECTIVE	Dept. Elective (5)	3-4
ELECTIVE	Dept. Elective (3)	3-4	ELECTIVE	Dept. Elective (6)	3-4
ELECTIVE	Dept. Elective (4)	3-4	CORE	Institutional Requirement (Core 12)	3
CORE	Institutional Requirement (Core 10)	3	CORE	Institutional Requirement (Core 13)	3
CORE	Institutional Requirement (Core 11)	3	ELECTIVE	General Elective	3
	TOTAL	13-15		TOTAL	15-17

Year 4	Fall Semester		Year 4	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
ELECTIVE	Dept. Elective (7)	3-4	BIO 495	Senior Seminar (SP only)	1
CORE	Institutional Requirement (Core 14)	3	ELECTIVE	Dept. Elective or General Elective (8)	3-4
CORE	Institutional Requirement (Core 15)	3	ELECTIVE	General Elective	3
ELECTIVE	General Elective	3	ELECTIVE	General Elective	3
ELECTIVE	General Elective	3	ELECTIVE	General Elective	3
	TOTAL	15-16		TOTAL	13-14

(must have at least 120 credits to graduate)

Students planning to attend a graduate or professional school should take a full year of physics and organic chemistry, although not required for a major in biology.

[†]Biology electives to reach 60 hours; electives must come from at least three of four content areas (see catalog for details).

^{*}Math-Two semesters required for major; Calculus and Statistics recommended.