

2024 FOUR YEAR CURRICULUM GUIDE

DEPARTMENT OF Biology/Toxicology

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	English 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	Math 201 or 205* or Institutional Requirement (Core 3)	3-5	MATH 208	Statistics	3
			CORE	Institutional Requirement (Core 6)	3
	TOTAL	14-16		TOTAL	17
Year 2	Fall Semester		Year 2	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
BIO 303	Genetics (FA or SP)	4	BIO 234/ ELECTIVE	Forensic Sci (SP even) or FB Elec	3-4
CHEM 307	Organic Chem. I-Lab (FA only)	4	CHEM 308	Organic Chem I-Lab (SP only)	4
CJ 130	Intro to Criminal Justice	3	CORE	Institutional Requirement (Core 9)	3
CORE	Institutional Requirement (Core 7)	3	CORE	Institutional Requirement (Core 10)	3
MATH	Math 201 or 205* or Institutional Requirement (Core 8)	3-5	ELECTIVE	Biology Seminar elective (can be taken any semester after freshman year)	1
	TOTAL	17-19		TOTAL	14-15
Year 3	Fall Semester		Year 3	Spring Semester	
Course #	Title	Cr.	Course #	Title	Cr.
BIO 301	Professional Prep (FA or SP)	1	BIO 234/ ELECTIVE	Forensic Sci (SP even) or FB Elec	3-4
CHEM 320	Quantitative Analysis	4	BIO 428/ ELECTIVE	Mol Bio (SP odd) or FB Elect	3-4
ELECTIVE	Forensic Bio Elective	3-4	ELECTIVE	Criminal Justice elective	3
CORE	Institutional Requirement (Core 11)	3	CORE	Institutional Requirement (Core 13)	3
CORE	Institutional Requirement (Core 12)	3	CORE	Institutional Requirement (Core 14)	3
	TOTAL	14-15		TOTAL	15-17

Year 4	Fall Semester			Year 4	Spring Semester	
Course #	Title	Cr.		Course #	Title	Cr.
BIO 429	Biochemistry	4		BIO 495	Senior Seminar (SP only)	1
ELECTIVE	Forensic Bio Elective	3-4		BIO 428/ ELECTIVE	Mol Bio (SP odd) or FB Elec	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	16- 17			TOTAL	13- 14

(must have at least 120 credits to graduate)

**Both Math 205 and 206 are needed to take Phys 205-206. Math courses can be taken the second year.*

See catalog for choice of Forensic Biology electives.

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