

2024 FOUR YEAR CURRICULUM GUIDE

DEPARTMENT OF: Biology

Year 1 Fall Semester			Year 1 Spring Semester		
Course #	Title	Cr.	Course #	Title	Cr.
Bio 201	Mol. Cell. Basis of Life (Core)	4	Bio 202	Org. Adapt. And Diversity (Core)	4
Eng 101	Composition I (Core)	3	Eng 102	Composition II (Core)	3
Chem 103/103L	General Chemistry I	4	Chem 104/104L	General Chemistry II	4
Core	Institutional Requirement (Core 1) (if foreign language used for CCI - recommended here)	3	Math 208	Statistics (Core)	3
			Core	Institutional Requirement (Core 2)	3
	TOTAL	14		TOTAL	17

Year 2 Fall Semester			Year 2 Spring Semester		
Course #	Title	Cr.	Course #	Title	Cr.
Bio 330	Principles of Toxicology	3	Biology 303	Genetics	4
Chem 307/307L	Organic Chemistry I	4	Chem 308/308L	Organic Chemistry II	4
Math 201/205 or other	Calculus recommended but other courses in mathematics may be taken	3-5	Bio 276	Environmental Sciences Seminar (alternative to Bio 304 Journal club)	0-1
Core	Institutional Requirement (Core 3)	3	Core	Institutional Requirement (Core 5)	3
Core	Institutional Requirement (Core 4)	3	Core	Institutional Requirement (Core 6)	3
	TOTAL	16		TOTAL	14
		-			-
		18			15

Year 3 Fall Semester			Year 3 Spring Semester		
Course #	Title	Cr.	Course #	Title	Cr.
Bio 304	Journal club (if Bio 276 not taken)	0-1	Bio 340	Microbiology	4
Bio 429 (Chem 429)	Biochemistry	4	Bio 276	Environmental Sciences Seminar (alternative to Bio 304 Journal club)	0-1
Bio	Biodiversity or Ecology course	4	Bio	Biodiversity or Ecology course if not taken in Fall	4
Core	Institutional Requirement (Core 7)	3	Core	Institutional Requirement (Core 9)	3
Core	Institutional Requirement (Core 8)	3	Core	Institutional Requirement (Core 10)	3
	TOTAL	14		TOTAL	14
		-			-
		15			15

Year 4 Fall Semester			Year 4 Spring Semester		
Course #	Title	Cr.	Course #	Title	Cr.
	All fourth year courses are taken at the Cleveland Clinic School				
	TOTAL			TOTAL	