

Degree: Biology BS
Freshman 4-Year Academic Roadmap starting with calculus

Year 1: Freshman Year					Year Total				28
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units
CHEM 2100 (GE 5A)	Fall & Spring	☒	MATH 1601 coreq.	4	CHEM 2200	Fall & Spring	☒	CHEM 2100	4
CHEM 2100L (GE 5C)	Fall & Spring	☒	CHEM 2100 coreq.	1	CHEM 2200L	Fall & Spring	☒	CHEM 2100L	1
MATH 1601 (GE 2)*	Fall & Spring	☒	Placement, MATH 1401, or MATH 1402	3	Critical Thinking (GE 1B)	Fall & Spring	☐		3
Oral Comm. (GE 1C)	Fall & Spring	☐		3	English Comp. (GE 1A)	Fall & Spring	☐		3
General Education (GE)	Fall & Spring	☐		3	GE*	Fall & Spring	☐		3
		☐					☐		
Semester Total				14	Semester Total				14
Year 2: Sophomore Year					Year Total				29
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units
BIOL 21010 (GE 5B)	Fall & Spring	☒	CHEM 2100	5	BIOL 2020	Fall & Spring	☒	BIOL 21010	5
2nd year Chemistry Group A, B, or C	Fall & Spring	☒	Varies, see PAWS report	5	2nd year Chemistry Group A, B, or C	Fall & Spring	☐	Varies on Group selected	5
GE	Fall & Spring	☐		3	GE	Fall & Spring	☐		3
	Fall & Spring	☐			GE	Fall & Spring	☐		3
		☐					☐		
Semester Total				13	Semester Total				16
Year 3: Junior Year					Year Total				32
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units
BIOL elective incl. but not limited to Groups A-C	Fall & Spring	☒	BIOL 2020 with a grade of C or better	4	BIOL elective incl. but not limited to Groups A-C	Fall & Spring	☒	BIOL 2020 with a grade of C or better	4
BIOL elective incl. but not limited to Groups A-C	Fall & Spring	☒	BIOL 2020 with a grade of C or better	4	BIOL elective incl. but not limited to Groups A-C	Fall & Spring	☒	BIOL 2020 with a grade of C or better	4
PHYS 2000	Fall & Spring	☒	MATH 2210/1601	4	PHYS 2010	Fall & Spring	☒	PHYS 2000	4
PHYS 2000L	Fall & Spring	☒	PHYS 2000 coreq.	1	PHYS 2010L	Fall & Spring	☒	PHYS 2010 coreq.	1
Upper division GE		☐		3	Upper division GE		☐		3
Semester Total				16	Semester Total				16
Year 4: Senior Year					Year Total				31
Fall	Term(s)	Pre-req	Pre-req Course(s)	Units	Spring	Term(s)	Pre-req	Pre-req Course(s)	Units
BIOL elective incl. but not limited to Groups A-C	Fall & Spring	☒	BIOL 2020 with a grade of C or better	5	BIOL elective incl. but not limited to Groups A-C	Fall & Spring	☒	BIOL 2020 with a grade of C or better	4
BIOL elective incl. but not limited to Groups A-C	Fall & Spring	☒	BIOL 2020 with a grade of C or better	4	BIOL elective incl. but not limited to Groups A-C	Fall & Spring	☒	BIOL 2020 with a grade of C or better	2
BIOL 5000	Fall & Spring	☒	BIOL 2020 with a grade of C or better	1	Free elective	Fall & Spring	☐		3
Upper division GE	Fall & Spring	☐		3	Free elective	Fall & Spring	☐		3
Free elective	Fall & Spring	☐		3	Free elective	Fall & Spring	☐		3
Semester Total				16	Semester Total				15
					Degree Units Total				120

* Can substitute MATH 2210 and 2220