

SAMPLE COURSE GUIDE FOR B.S. BIOLOGY

Note: Courses in bold are part of the GENERAL UNIVERSITY COURSE REQUIREMENTS. This is a suggested course guide and may change as needed. During your junior and senior year, you will take more elective science courses to complete your requirements. This allows you to build a program that best prepares you for your academic and career goals. B.A., Biology offers more flexibility and elective courses at the upper-division level.

FRESHMAN YEAR FIRST SEMESTER		Credits	SECOND SEMESTER		Credits
ENG 101	English Composition I	3	ENG 102	English Composition II	3
BIOL 110/L	General Biology I + Lab	4	BIOL 111/L	General Biology II + Lab	4
CHEM 110/L	General Chemistry I + Lab	4	CHEM 111/L	General Chemistry II + Lab	4
MATH 140/L	College Algebra + Lab	4	MATH 150/L	Trigonometry + Lab	4
UNIV 101	Foundations for Success	2			
		17			15

SOPHOMORE YEAR FIRST SEMESTER		Credits	SECOND SEMESTER		Credits
BIOL 340/L or 410H/L		4	BIOL 317/L or 341/L		4
	Human Anatomy or Plant Taxonomy + Lab			Plant or Human Physiology + Lab	
CHEM 305/L or 310L		4	CHEM 311/L or Elective		4
	Survey Org. Chem. or Organic Chemistry I + Lab			Organic Chemistry II or Science Elective + Lab	
MATH 212	Calculus and Analytical Geometry I	5	MATH 221/L	Probability and Statistics + Lab	4
PHIL 210	Logic & Critical Thinking	3	HIS 102W	World Civilizations II	3
		16			15

JUNIOR YEAR FIRST SEMESTER		Credits	SECOND SEMESTER		Credits
BIOL 318W/L	Genetics + Lab	4	BIOL 330/L	Molecular and Cell Biology + Lab	4
BIOL 322/L	Microbiology + Lab	4		Upper-Division Organismal Biology + Lab	4
CHEM 410W/L	Biochemistry I + Lab	4	Fine Arts GUCR		3
PHYS 101/L or 211L		4	PHYS 102/L or 212L		4
	General Physics I (Algebra or Calculus) + Lab			General Physics II (Algebra or Calculus) + Lab	
		16			15

SENIOR YEAR FIRST SEMESTER		Credits	SECOND SEMESTER		Credits
	Upper-Division Science Elective + Lab	4	BIOL 49X	Capstone Elective	3
	Upper-Division Science Elective	3		General Elective	3
	Social Science GUCR	3	Foreign Language GUCR		4
	Humanities GUCR	3	Technology GUCR		3
		13			13

TOTAL: 120 CREDITS



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