



Biology (Pre-Professional Track)

Bachelor of Science with Innovation Minor
Suggested Schedule*

FRESHMAN

Semester 1 (Spring)		Semester 2 (Summer)	
BSC 1920 First Year Introduction: Biology at UF (recommended)	1	STA 2023 Introduction to Statistic 1 (3 credits) or MAC 2312 Analytical Geometry and Calculus 2 (4 credits) (GE-M)	3-4
CHM 2045 General Chemistry 1 (State Core GE-P)	3	CHM 2046 General Chemistry 2 (GE-P)	3
CHM 2045L General Chemistry 1 Laboratory	1	CHM 2046L General Chemistry 2 Laboratory	1
MAC 2311 Analytic Geometry and Calculus 1 (State Core GE-M)	4	Composition (State Core GE-C)	3
Social and Behavioral Sciences (State Core GE-S)	3	Social and Behavioral Sciences (GE-S)	3
IDS1940 Creativity in Context	2	IDS 1359 Creativity in Action	2
TOTAL	14	TOTAL	15-16

SOPHOMORE

Semester 3 (Spring)		Semester 4 (Summer)	
BSC 2010 Integrated Principles of Biology 1 (GE-B)	3	BSC 2011 Integrated Principles of Biology 2 (GE-B)	3
BSC 2010L Integrated Principles of Biology 1 Lab	1	BSC 2011L Integrated Principles of Biology 2 Lab	1
CHM 2210 Organic Chemistry 1	3	CHM 2211 Organic Chemistry 2	3
Foreign Language	5	CHM 2211L Organic Chemistry 2 Laboratory	2
ENT 3003 Principles of Entrepreneurship	4	Foreign Language	5
		AEC 3410 Fostering Innovation through Leadership	3
TOTAL	16	TOTAL	17

JUNIOR

Semester 5 (Spring)		Semester 6 (Summer)	
BCH 4024 Introduction to Biochemistry and Molecular Biology	4	PCB 3134 Eukaryotic Cell Structure and Function (3 credits) or MCB 3020 Basic Biology of Microorganisms (3 credits) <i>and</i> MCB 3020L Basic Biology of Microorganisms Laboratory (1 credit)	3-4
PHY 2053 Physics 1	4	PHY 2054 Physics 2	4
PHY 2053L Physics 1 Laboratory	1	PHY 2054L Physics 2 Laboratory	1
Biology Pre-Professional Elective	3	Composition (GE-C)	3
PHI 3641 Conduct, Change & Consequences (GE-H)	3	Humanities (GE-H, N)	3
TOTAL	15	TOTAL	14-15

SENIOR

Semester 7 (Spring)		Semester 8 (Summer)	
PCB 3063 Genetics (4 credits) or AGR 3303 Genetics (3 credits) or PCB 4522 Molecular Genetics (3 credits)	3-4	BSC 3096 Human Physiology, or PCB 3713C Cellular and Systems Physiology, or PCB 4723C Physiology and Molecular Biology of Animals	4-5
Biology Pre-Professional Electives	6	BSC 4936 Critical Analysis of Biological Research	2
Electives	2-3	Biology Pre-Professional Elective	3
Humanities (State Core GE-H)	3	Social and Behavioral Sciences (GE-S, D)	3
		ENT 4015 The Venture Accelerator or IDS 4950 Innovation Academy Senior Project	2
TOTAL	14-16	TOTAL	14-15

TOTAL CREDITS TO DEGREE = 120-123

Updated: June 2019