



Biology (Pre-Professional Track)

Bachelor of Science with Innovation Minor

*Suggested Schedule**

FIRST YEAR			
Semester 1 (Spring)		Semester 2 (Summer)	
BSC 1920 First Year Introduction: Biology at UF or IHS1100 Introduction to the Pre-Health Process (may choose either as suggested and is optional) or an Elective	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 & Design Thinking for Innovation	2	IDS 1359 Innovation in Action	2
TOTAL	14	TOTAL	15-16
SECOND YEAR			
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
TOTAL	16	AEC 3410 Fostering Innovation Through Leadership	3
		TOTAL	17
THIRD YEAR			
Semester 5 (Spring)		Semester 6 (Summer)	
MCB 3020 Basic Biology of Microorganisms (3 credits) & MCB 3020L Basic Biology of Microorganisms Laboratory (1 credit) or PCB 3134 Eukaryotic Cell Structure & Function (3 credits) *PCB3134 not offered Summers.	3-4	BCH 4024 Introduction to Biochemistry and Molecular Biology	4
PHY 2053 Physics 1	4	PHY 2054 Physics 2	4
PHY 20531 Physics 1 Laboratory	1	PHY 20541 Physics 2 Laboratory	1
Biology Pre-Professional Elective-Additional Life Science	3	Composition (GE-C)	3
PHI 3641 Ethics and Innovation (GE-H, 2K)	3	Humanities (GE-H, N)	3
TOTAL	14-15	TOTAL	15
FOURTH YEAR			
Semester 7 (Spring)		Semester 8 (Summer)	
PCB3063 (4 credits) or AGR3303 (3 credits) or PCB4522 (3 credits) *PCB4522 is Spring only	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 Elective-Additional Life Science (2 courses)	6	BSC 4936 Critical Analysis of Biological Research	2
Elective	2-3	Biology Pre-Professional Elective-Additional Life Science	3
Humanities (State Core GE-H)	3	Social and Behavioral Sciences (GE-S)	3
TOTAL	14-16	ENT 4015 The Venture Accelerator or IDS 4950 Innovation Academy Senior Project	2
		TOTAL	14-15

Students are expected to select required Biology core classes and Biology electives that are offered in the Spring/Summer terms.

Last Updated November 2024.

TOTAL CREDITS TO DEGREE = 120-123

* For Detailed tracking and degree requirements please refer to the [UF catalog](#).