



Biology: Biotechnology

Bachelor of Science with Innovation Minor
Suggested Schedule*

FIRST YEAR			
Semester 1 (Spring)		Semester 2 (Summer)	
MAC 2311 Analytic Geometry and Calculus I (GE-M)	4	CHM 2045 & CHM 2045L General Chemistry and Lab (GE-P)	4
State Core Humanities with Diversity (GE-H)	3	BSC 2010 & BSC 2010L Principles of Biology I and Lab (GE-B)	4
State Core Composition (GE-C, WR 6000)	3	Composition (GE-C, WR 6000)	3
IDS 1940 Creativity & Design Thinking for Innovation	2	State Core Social and Behavioral Sciences (GE-S)	3
TOTAL	14	IDS 1359 Innovation in Action	2
		TOTAL	16
SECOND YEAR			
Semester 3 (Spring)		Semester 4 (Summer)	
CHM2046 and CHM2046L General Chemistry II and Lab (GE-P)	4	CHM2210 Organic Chemistry	3
BSC2011 & BSC2011L Principles of Biology II and Lab	4	AGR 3303 Genetics	3-4
AEB 2014 (3), ECO 2013(4) or ECO 2023(4) (GE-S/CALS)	3-4	STA 2023 Statistics (GE-M)	3
ENT3003 Principles of Entrepreneurship	4	Social and Behavioral with International (GE-S-N)	2-3
TOTAL	15-16	AEC3410 Fostering Innovation Through Leadership	3
		TOTAL	15
THIRD YEAR			
Semester 5 (Spring)		Semester 6 (Summer)	
PHY 2053 & PHY 2053L Physics I and Lab	5	PHY 2054 & PHY 2054L Physics II and Lab	5
CHM 2211 and CHM 2211L Organic Chemistry II and Lab	5	BCH 4024 Biochemistry and Molecular Biology	4
AEC 3030C Effective Oral Communication (CALS)	3	MCB 3020 & MCB 3020L Basic Biology of Microorganisms and Lab	4
PHI 2631 Ethics and Innovation (GE-H, 2K WR)	3	Elective (If AEB2014 was selected, then 3 credits are needed, if ECO2013 or ECO2023 was selected, then 2 credits are needed.)	2-3
TOTAL	14	TOTAL	15-16
FOURTH YEAR			
Semester 7 (Spring)		Semester 8 (Summer)	
CHM 3120 and 3120L Analytic Chemistry and Lab	4	PCB 4671 Evolution	4
PCB 4522 Molecular Genetics	3	BSC 4936 Critical Analysis of Biological Research	2
PCB 3134 Eukaryotic Cell Structure and Function	3	AEC 3033C Research and Business Writing for Agricultural and Life Sciences (CALS/WR 6000)	3
Elective (WR 4000)	3	ENT 4015 The Venture Accelerator or IDS 4950 IA Senior Project	3
Biotechnology Elective	3	Biotechnology Elective	2
TOTAL	16	TOTAL	14

* For Detailed tracking and degree requirements please refer to the UF catalog. Depending on ALEKS score (math placement), it is recommended that MAC1147 and CHM1025 are taken in the fall prior to your first spring term.

Last Updated February 2025.

TOTAL CREDITS TO DEGREE = 120-121

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