



Biology: Biotechnology

Bachelor of Science with Innovation Minor
Suggested Schedule*

FRESHMAN

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-D)	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 in Context	2	State Core Social and Behavioral Sciences (GE-S)	3
		IDS 1359 Creativity in Action	2
TOTAL	12	TOTAL	16

SOPHOMORE

Semester 3 (Spring)		Semester 4 (Summer)	
CHM 2046 and CHM 2046L General Chemistry II and Lab (GE-P)	4	CHM2210 Organic Chemistry	3
BSC 2011 & BSC 2011L Principles of Biology II and Lab	4	AGR 3303 Genetics (3)	3
AEB 2014 (3), ECO 2013(4) or ECO 2023(4) (GE-S/CALS)	3-4	STA 2023 Statistics (3) (GE-M)	3
ENT 3003 Principles of Entrepreneurship	4	Social and Behavioral with International (GE-S-N)	3
		AEC 3410 Fostering Innovation Through Leadership	3
TOTAL	15-16	TOTAL	15

JUNIOR

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 3641 Conduct, Change & Consequences (GE-H, WR 4000)	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	16	TOTAL	15-16

SENIOR

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	Biotechnology Elective	3
Elective (WR 2000)	3	AEC 3033C Research and Business Writing for Agricultural and Life Sciences (CALS/WR 6000)	3
Biotechnology Elective	3	ENT 4015 The Venture Accelerator or IDS 4950 IA Senior Project	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.