



College of Agricultural & Life Sciences

Biology: Biotechnology

Bachelor of Science with Innovation Minor

*Suggested Schedule**

FRESHMAN

Semester 1 (Spring)

MAC2311 Analytic Geometry and Calculus I (GE-M)	4
State Core Humanities with Diversity (GE-H-D)	3
State Core Composition (GE-C, WR 6000)	3
IDS1353 Creativity in Context	2
Total	12

Semester 2 (Summer)

CHM2045 & CHM2045L General Chemistry and Lab (GE-P)	4
BSC2010 & BSC2010L Principles of Biology I and Lab (GE-B)	4
Composition (GE-C, WR 6000)	3
State Core Social and Behavioral Science (GE-S)	3
IDS1359 Creativity in Action	2
Total	16

SOPHOMORE

Semester 3 (Spring)

CHM2046 and CHM2046L General Chemistry II and Lab (GE-P)	4
BSC2011 & BSC2011L Principles of Biology II and Lab	4
AEB2014 (3), ECO2013(4) OR ECO2023(4) (GE-S/CALS)	3-4
ENT3003 Principles of Entrepreneurship	4
Total	15-16

Semester 4 (Summer)

CHM2210 Organic Chemistry	3
AGR3303 Genetics (3)	3
STA2023 Statistics (3) (GE-M)	3
Social and Behavioral with International (GE-S-N)	3
AEC3410 Fostering Innovation Through Leadership	3
Total	15

JUNIOR

Semester 5 (Spring)

PHY2053 & PHY2053L Physics I and Lab	5
CHM2211 and CHM2211L Organic Chemistry II and Lab	5
AEC3030C Effective Oral Communication (CALS)	3
PHI3641 Conduct, Change & Consequences (GE-H, WR 4000)	3
Total	16

Semester 6 (Summer)

PHY2054 & PHY2054L Physics II and Lab	5
BCH4024 Biochemistry and Molecular Biology	4
MCB3020 & MCB3020L Basic Biology of Microorganisms and Lab	4
Elective (If AEB2014 was selected, then 3 credits are needed, if ECO2013 or ECO2023 was selected, then 2 credits are needed.)	2-3
Total	15-16

SENIOR

Semester 7 (Spring)

CHM3120 and 3120L Analytic Chemistry and Lab	4
PCB4522 Molecular Genetics	3
PCB3134 Eukaryotic Cell Structure and Function	3
Elective (WR 2000)	3
Biotechnology Elective	3
Total	16

Semester 8 (Summer)

PCB4671 Evolution	4
BSC4936 Critical Analysis of Biological Research	2
Biotechnology Elective	3
AEC3033C Research and Business Writing for Agricultural and Life Sciences (CALS/WR 6000)	3
IDS4950 IA Senior Project or ENT4015 The Venture Accelerator	2
Total	14

*For Detailed tracking and degree requirements please refer to the [UF catalog](#).
Last updated: May 2017

Total Credits to Degree = 119-121