



College of Agricultural & Life Sciences

Biology: Applied Biology

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 Sciences (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
Elective (WR 2000)	3
ENT3003 Principles of Entrepreneurship	4
Total	15

Semester 4 (Summer)

STA2023 Statistics (3) (GE-M)	3
AEB2014 (3), ECO2013(4) OR ECO2023(4) (GE-S/CALS)	3-4
Social and Behavioral with International (GE-S-N)	3
Elective (<i>If AEB2014 was selected, then 3 credits are needed, if ECO2013 or ECO2023 was selected, then 2 credits are needed.</i>)	2-3
AEC3410 Fostering Innovation Through Leadership	3
Total	14-15

JUNIOR

Semester 5 (Spring)

PHY2004 and 2004L Applied Physics I and Lab	4
AGR3303 Genetics	3
Applied Biology Elective	3
Applied Biology Elective	3
PHI3641 Conduct, Change & Consequences (GE-H, WR 4000)	3
Total	16

Semester 6 (Summer)

MCB3020 and 3020L Biology of Microorganisms and Lab	4
CHM2200 and 2200L Organic Chemistry and Lab	4
Applied Biology Elective	3
Applied Biology Elective	3
Elective	2
Total	16

SENIOR

Semester 7 (Spring)

BOT3503 Physiology and Molecular Biology of Plants	3
PHY2005 and 2005L Applied Physics II and Lab	4
Applied Biology Elective	3
Applied Biology Elective	3
AEC3033C Research and Business Writing for Agricultural and Life Sciences (CALS/WR 6000)	3
Total	16

Semester 8 (Summer)

BCH3025 Fundamentals of Biochemistry	4
BSC4936 Critical Analysis of Biological Research	2
AEC3030C Effective Oral Communication (CALS)	3
Applied Biology Elective	3
IDS4950 IA Senior Project <i>or</i> ENT4015 The Venture Accelerator	2
Total	14

Total Credits to Degree = 119-120

*For Detailed tracking and degree requirements please refer to the [UF catalog](#). Course offerings are subject to change. 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: May 2017