



Biology: Applied Biology

Bachelor of Science with Innovation Minor
Suggested Schedule*

FRESHMAN

Semester 1 (Spring)		Semester 2 (Summer)	
MAC2311 Analytic Geometry and Calculus I (GE-M)	4	CHM2045 & CHM2045L General Chemistry and Lab (GE-P)	4
State Core Humanities with Diversity (GE-H-D)	3	BSC2010 & BSC2010L 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
		IDS1359 Creativity in Action	2
TOTAL	12	TOTAL	16

SOPHOMORE

Semester 3 (Spring)		Semester 4 (Summer)	
CHM2046 and CHM2046L General Chemistry II and Lab (GE-P)	4	STA2023 Statistics (3) (GE-M)	3
BSC2011 & BSC2011L Principles of Biology II and Lab	4	AEB2014 (3), ECO2013(4) OR ECO2023(4) (GE-S/CALS)	3-4
Elective (WR 2000)	3	Social and Behavioral with International (GE-S-N)	3
ENT3003 Principles of Entrepreneurship	4	Elective (If AEB2014 was selected, then 3 credits are needed, if ECO2013 or ECO2023 was selected, then 2 credits are needed.)	2-3
		AEC3410 Fostering Innovation Through Leadership	3
TOTAL	15	TOTAL	15

JUNIOR

Semester 5 (Spring)		Semester 6 (Summer)	
PHY2004 and 2004L Applied Physics I and Lab	4	MCB3020 and 3020L Biology of Microorganisms and Lab	4
AGR3303 Genetics	3	CHM2200 and 2200L Organic Chemistry and Lab	4
Applied Biology Elective	3	Applied Biology Elective	3
Applied Biology Elective	3	Applied Biology Elective	3
PHI3641 Conduct, Change & Consequences (GE-H, WR 4000)	3	Elective	2
TOTAL	16	TOTAL	16

SENIOR

Semester 7 (Spring)		Semester 8 (Summer)	
BOT3503 Physiology and Molecular Biology of Plants	3	BCH3025 Fundamentals of Biochemistry	4
PHY2005 and 2005L Applied Physics II and Lab	4	BSC4936 Critical Analysis of Biological Research	2
Applied Biology Elective	3	AEC3030C Effective Oral Communication (CALS)	3
Applied Biology Elective	3	Applied Biology Elective	3
AEC3033C Research and Business Writing for Agricultural and Life Sciences (CALS/WR 6000)	3	ENT4015 The Venture Accelerator or IDS4950 IA Senior Project	2
TOTAL	16	TOTAL	14

* 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.