



COLLEGE OF AGRICULTURAL & LIFE SCIENCES
Entomology & Nematology: Biosecurity
Bachelor of Science with Innovation Minor
*Suggested Schedule**

FIRST YEAR			
Semester 1 (Spring)		Semester 2 (Summer)	
BSC2010 & 2010L Integrated Principles of Biology 1 and Laboratory (State Core GE-B)	4	BSC2011 & 2011L Integrated Principles of Biology 2 and Laboratory (GE-B)	4
Choose 1 of the following (State Core GE-C, WR): • ENC1101 • ENC2210 • ENC3254 • Statewide Core C Course	3	STA2023 Intro to Statistics 1 (GE-M)	3
MAC1147 Precalculus: Algebra & Trigonometry (State Core GE-M)	4	ECO2013 Macroeconomics (State Core GE-S)	4
PBC2441 Biological Invaders	3	Social/Behavioral Sciences and Diversity (GE-S)	3
IDS1353 Creativity in Context	2	IDS1359 Creativity in Action	2
TOTAL	16	TOTAL	16
SECOND YEAR			
Semester 3 (Spring)		Semester 4 (Summer)	
AEC3033C Research & Business Writing in Agricultural and Life Sciences (WR 6000)	3	AEC3030C Effective Oral Communication or SPC2608 Public Speaking	3
CHM2045 & 2045L General Chemistry 1 and Lab (GE-P)	4	CHM2046 & 2046L General Chemistry 2 and Lab	4
PHY2004 & 2004L Applied Physics 1 and Lab (GE-P)	4	Humanities and International (State Core GE-H/N)	3
ENT3003 Principles of Entrepreneurship	4	AEC3410 Fostering Innovation through Leadership	3
		Approved Elective	3
TOTAL	15	TOTAL	16
THIRD YEAR			
Semester 5 (Spring)		Semester 6 (Summer)	
ALS4162 Consequences of Biological Invasions	3	ALS3153 Agricultural Ecology	3
ENY3005 & 3005L Principles of Entomology and Lab	3	Geographic Information Systems Elective	3
PHI2631 Ethics and Innovation (GE-H, 2K WR)	3	Approved Elective	3
IPM3022 Fundamentals of Pest Management	3	ENT4015 The Venture Accelerator or IDS4950 IA Senior Project	2
PLS3004C Principles of Plant Science	3	Composition (GE-C, WR 6000)	3
TOTAL	15	TOTAL	15
FOURTH YEAR			
Semester 7 (Spring)		Semester 8 (Summer)	
PLP3103C Control of Plant Diseases or IPM4254 Landscape IPM: Ornamentals and Turf	3	ENY4660 & 4660L Medical and Veterinary Entomology and Lab	3
NEM3002 Principles of Nematology	3	ALS4163 Challenges in Plant Resource	3
Law and Policy Elective	3	Approved Internship	3
ENY4161 Insect Classification	3	PMA4570C Field Techniques in IPM	2
ALS4161 Exotic Species and Biosecurity Issues	3	Approved Elective	2
TOTAL	15	TOTAL	13

TOTAL CREDITS TO DEGREE = 120

Last Updated **November 2024**

* For Detailed tracking and degree requirements please refer to the [UF catalog](#).