



**COLLEGE OF AGRICULTURAL & LIFE SCIENCE**

# Entomology & Nematology: Pre-Professional

**Bachelor of Science with Innovation Minor**

*Suggested Schedule\**

FIRST YEAR			
Semester 1 (Spring)		Semester 2 (Summer)	
BSC 2010 and 2010L Integrated Principles of Biology 1 and Laboratory (State Core GE-B)	4	BSC 2011 and 2011L Integrated Principles of Biology 2 and Laboratory (GE-B)	4
ENC 1101 or ENC 2210 or ENC 3254 or Statewide Core C Course (State Core GE-C, WR, 6000)	3	STA 2023 Intro to Statistics 1 (GE-M)	3
MAC 2311 Anal. Geometry & Calculus (State Core GE-M)	4	IDS 1359 Innovation in Action	2
Humanities and International (State Core GE-H/N)	3	ECO 2013 Macroeconomics (State Core GE-S)	4
IDS 1940 Creativity & Design Thinking for Innovation	2	Social/Behavioral Sciences and Diversity (GE-S)	3
<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>	<b>16</b>
SECOND YEAR			
Semester 3 (Spring)		Semester 4 (Summer)	
AEC 3033C Research & Business Writing in Agricultural and Life Sciences (WR, 6000)	3	AEC 3030C Effective Oral Communication or SPC 2608 Public Speaking	4
CHM 2045 & CHM 2045L General Chemistry and Lab (GE-P)	4	CHM 2046 & 2046L General Chemistry 2 (3) & Lab (1)	3
ENY 3005 & 3005L Principles of Entomology (2) & Lab (1)	3	AGR3303 Genetics	3
ENT 3003 Principles of Entrepreneurship	4	Composition (GE-C, WR 6000)	3
<b>TOTAL</b>	<b>14</b>	AEC 3410 Fostering Innovation through Leadership	3
		<b>TOTAL</b>	<b>16</b>
THIRD YEAR			
Semester 5 (Spring)		Semester 6 (Summer)	
PHY2053 & 2053L Physics 1 (4) and Lab (1) (GE-P)	5	PHY 2054 & 2054L Physics 2 (4) & Lab (1)	5
Approved elective	3	CHM 2211 & 2211L Organic Chemistry 2 (3) & Lab (2)	5
CHM2210 Organic Chemistry 1	3	MCB3020 & 3020L Basic Biology of Microorganisms (3) & Lab (1)	4
PHI3641 Conduct, Change & Consequences (GE-H, WR, 4000)	3	<b>TOTAL</b>	<b>15</b>
<b>TOTAL</b>	<b>14</b>		
FOURTH YEAR			
Semester 7 (Spring)		Semester 8 (Summer)	
ENY 4453 Behavioral Ecology and Systematics (3) or PCB 4043C General Ecology (4)	3-4	ENY 4660 and 4660L Medical and Veterinary Entomology (2) and Laboratory (1)	3
BCH3025 Fundamentals of Biochemistry or BCH4024 Introduction to Biochemistry and Molecular Biology	4	ENY 4573 Beekeeping (3) or ENY4455C Social Insects (3) or ZOO 2203C Invertebrate Zoology (4)	3-4
Approved Electives	2	Approved Elective	6
Vertebrate Elective (4)	4	ENT 4015 The Venture Accelerator or IDS 4950 IA Senior Project	2
ENY 4161 Insect Classification	3	<b>TOTAL</b>	<b>14-15</b>
<b>TOTAL</b>	<b>16-17</b>		

**TOTAL CREDITS TO DEGREE = 120-122**

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

Last Updated November 2024.