



**COLLEGE OF AGRICULTURAL & LIFE SCIENCES**

# Entomology & Nematology: Biological Science of Insects

**Bachelor of Science with Innovation Minor**  
*Suggested Schedule\**

**FRESHMAN**

Semester 1 (Spring)		Semester 2 (Summer)	
<b>BSC 2010 and 2010L Integrated Principles of Biology 1 and Laboratory (State Core GE-B)</b>	<b>4</b>	<b>BSC 2011 and 2011L Integrated Principles of Biology 2 and Laboratory (GE-B)</b>	<b>4</b>
ENC 1101 <b>or</b> ENC 2210 <b>or</b> ENC 3254 <b>or</b> Statewide Core C Course (State Core GE-C, WR, 6000)	<b>3</b>	STA 2023 Intro to Statistics 1 (GE-M)	<b>3</b>
<b>MAC 2233 Survey of Calculus (State Core GE-M)</b>	<b>3</b>	ECO 2013 Macroeconomics (State Core GE-S)	<b>4</b>
ALS 3153 Agriculture Ecology	<b>3</b>	Social/Behavioral Sciences and Diversity (GE-S/D)	<b>3</b>
IDS 1940 Creativity in Context	<b>2</b>	IDS 1359 Creativity in Action	<b>2</b>
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>16</b>

**SOPHOMORE**

Semester 3 (Spring)		Semester 4 (Summer)	
AEC 3033C Research & Business Writing in Agricultural and Life Sciences (WR, 6000)	<b>3</b>	AEC 3030C Effective Oral Communication <b>or</b> SPC 2608 Public Speaking	<b>3</b>
<b>CHM 2045 &amp; CHM 2045L General Chemistry and Lab (GE-P)</b>	<b>4</b>	<b>CHM 2046 &amp; 2046L General Chemistry 2 (3) &amp; Lab (1)</b>	<b>4</b>
PHY 2004 & 2004L Applied Physics 1 and Lab (GE-P) <b>or</b> PHY 2020 Introduction to Principles of Physics (GE-P)	<b>4</b>	PMA 4570 Field Techniques in IPM	<b>2</b>
ENT3003 Principles of Entrepreneurship	<b>4</b>	Humanities and International (State Core GE-H/N)	<b>3</b>
		AEC 3410 Fostering Innovation through Leadership	<b>3</b>
<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>	<b>15</b>

**JUNIOR**

Semester 5 (Spring)		Semester 6 (Summer)	
ENY 3005 & ENY 3005L, Principles of Entomology & Lab	<b>3</b>	AGR 3303 Genetics	<b>3</b>
MCB 2000 and 2000L Microbiology (3) & Lab (1) <b>or</b> MCB 3020 & 3020L Basic Biology of Microorganisms (3) & Lab (1)	<b>4</b>	ENY 4573 Beekeeping <b>or</b> ENY 4455 Social Insects <b>or</b> ENY 4210 Insects and Wildlife	<b>3</b>
PHI 3641 Conduct, Change & Consequences (GE-H, WR, 4000) <b>or</b> AEB 4126 Agricultural & Natural Resource Ethics (GE-H, WR 6000)	<b>3</b>	ENT 4015 The Venture Accelerator <b>or</b> IDS 4950 IA Senior Project	<b>2</b>
Approved elective	<b>4</b>	Approved Entomology Elective	<b>3</b>
		Approved elective	<b>3</b>
		Composition (GE-C, WR 6000)	<b>3</b>
<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>	<b>15</b>

**SENIOR**

Semester 7 (Spring)		Semester 8 (Summer)	
ENY 4453 Behavioral Ecology and Systematics (3) <b>or</b> PCB 4043C General Ecology (4)	<b>3-4</b>	ENY 4660 and 4660L Medical and Veterinary Entomology (2) and Laboratory (1)	<b>3</b>
NEM 3002 Principles of Nematology	<b>3</b>	ENY 4573 Beekeeping (3) <b>or</b> ZOO 2203C Invertebrate Zoology (4)	<b>3-4</b>
ENY 3510C Turf and Ornamental Entomology <b>or</b> ALS 4163 Challenges in Plant Resource Protection <b>or</b> ENY 3225C Principles of Urban Pest Management	<b>6</b>	Approved Entomology Elective	<b>4</b>
ALS 4161 Exotic Species and Biosecurity Issues <b>or</b> ALS 4162 Consequences of Biological Invasions <b>or</b> PCB 2441 Biological Invaders	<b>3</b>	ENY 4095 Problems in Entomology <b>or</b> ENY 4911 Undergraduate Research	<b>3</b>
ENY 4161 Insect Classification	<b>3</b>		
<b>TOTAL</b>	<b>15-16</b>	<b>TOTAL</b>	<b>13-14</b>

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

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