



College of Agricultural and Life Sciences
Entomology & Nematology: Pre-professional

Bachelor of Science with Innovation Minor
*Suggested Schedule**

FRESHMAN

Semester 1 (Spring)

BSC 2010 and 2010L Integrated Principles of Biology 1 and Laboratory (State Core GE-B)	4
ENC 1101 or ENC 2210 or ENC 3254 or Statewide Core C Course (GE-C, WR 6000)	3
MAC 2311 Anal. Geometry & Calculus (State Core GE-M)	4
Humanities and International (State Core GE-H/N)	3
IDS1353 Creativity in Context	2
Total	16

Semester 2 (Summer)

BSC 2011 and 2011L Integrated Principles of Biology 2 and Laboratory (GE-B)	4
STA2023 Intro to Statistics 1 (GE-M)	3
ECO2013 Macroeconomics (State Core GE-S)	4
Social/Behavioral Sciences and Diversity (GE-S/D)	3
IDS1359 Creativity in Action	2
Total	16

SOPHOMORE

Semester 3 (Spring)

AEC3033C Research & Business Writing in Agricultural and Life Sciences (WR 6000)	3
ENY 3005 & 3005L Principles of Entomology (2) & Lab (1)	3
CHM2045 & CHM2045L Gen Chemistry and Lab (GE-P)	4
ENT3003 Principles of Entrepreneurship	4
Total	14

Semester 4 (Summer)

AGR3303 Genetics	3
CHM2046 & 2046L General Chemistry 2 (3) & Lab (1)	4
Composition (GE-C, WR 6000)	3
AEC3030C Effective Oral Communication or SPC2608 Public Speaking	3
AEC3410 Fostering Innovation through Leadership	3
Total	16

JUNIOR

Semester 5 (Spring)

PHY2053 & 2053L Physics 1 (4) and Lab (1) (GE-P)	5
Approved elective	3
CHM2210 Organic Chemistry 1	3
PHI3641 Conduct, Change & Consequences (GE-H, WR, 4000) or AEB4126 Agricultural & Natural Resource Ethics (GE-H, WR 6000)	3
Total	14

Semester 6 (Summer)

PHY 2054 & 2054L Physics 2 (4) & Lab (1)	5
CHM 2211 & 2211L Organic Chemistry 2 (3) & Lab (2)	5
MCB3020 & 3020L Basic Biology of Microorganisms (3) & Lab (1)	4
Total	14

SENIOR

Semester 7 (Spring)

ENY 4453 Behavioral Ecology and Systematics (3) or PCB 4043C General Ecology (4) or ALS 3153	3-4
BCH3025 Fundamentals of Biochemistry or BCH4024 Introduction to Biochemistry and Molecular Biology	4
Approved Electives	2
Vertebrate Elective (4)	4
ENY4161 Insect Classification	3
Total	16-17

Semester 8 (Summer)

ENY 4660 and 4660L Medical and Veterinary Entomology (2) and Laboratory (1)	3
ENY 4573 Beekeeping (3) or ENY4455C Social Insects (3) or ZOO 4307C Vertebrate Biodiversity (4)	3-4
Approved Elective	6
ENT4015 The Venture Accelerator or IDS4950 IA Senior Project	2
Total	14-15

* For Detailed tracking and degree requirements please refer to the [UF catalog](#).
 Last updated: June 2017

Total Credits to Degree = 120-122