



COLLEGE OF AGRICULTURAL & LIFE SCIENCE

Entomology & Nematology: Biological Science of Insects

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 2233 Survey of Calculus 1 (State Core GE-M) | 3 | IDS 1359 Innovation in Action | 2 |
| ALS 3153 Agriculture Ecology | 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 |
| TOTAL | 15 | TOTAL | 16 |
| SECOND YEAR | | | |
| Semester 3 (Spring) | | Semester 4 (Summer) | |
| AEC 3033C Research & Business Writing in Agricultural and Life Sciences (WR, 6000) | 4 | 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 |
| PHY 2004 & 2004L Applied Physics 1 and Lab (GE-P) or PHY 2020 Introduction to Principles of Physics (GE-P) | 3 | PMA 4570 Field Techniques in IPM | 2 |
| ENT 3003 Principles of Entrepreneurship | 4 | Humanities and International (State Core GE-H/N) | 3 |
| TOTAL | 15 | AEC 3410 Fostering Innovation through Leadership | 3 |
| | | TOTAL | 15 |
| THIRD YEAR | | | |
| Semester 5 (Spring) | | Semester 6 (Summer) | |
| ENY 3005 & ENY 3005L, Principles of Entomology & Lab | 4 | AGR 3303 Genetics | 3 |
| MCB 2000 and 2000L Microbiology (3) & Lab (1) or MCB 3020 & 3020L Basic Biology of Microorganisms (3) & Lab (1) | 4 | ENY 4573 Beekeeping or ENY 4455 Social Insects or ENY 4210 Insects and Wildlife | 3 |
| PHI 2631 Ethics and Innovation (GE-H, 2K WR) or AEB 4126 Agricultural & Natural Resource Ethics (GE-H, WR 6000) | 3 | ENT 4015 The Venture Accelerator or IDS 4950 IA Senior Project | 2 |
| Elective | 4 | Approved Entomology Elective | 3 |
| TOTAL | 14 | Elective | 3 |
| | | Composition (GE-C, WR) | 3 |
| | | TOTAL | 15 |
| 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 |
| NEM 3002 Principles of Nematology | 3 | ENY 4573 Beekeeping (3) or ZOO 2203C Invertebrate Zoology (4) | 3-4 |
| ENY 3510C Turf and Ornamental Entomology or ALS 4163 Challenges in Plant Resource Protection or ENY 3225C Principles of Urban Pest Management | 6 | Approved Entomology Elective | 4 |
| ALS 4161 Exotic Species and Biosecurity Issues or ALS 4162 Consequences of Biological Invasions or PCB 2441 Biological Invaders | 3 | ENY 4095 Problems in Entomology or ENY 4911 Undergraduate Research | 3 |
| ENY 4161 Insect Classification | 3 | TOTAL | 13-14 |
| TOTAL | 15-16 | | |

TOTAL CREDITS TO DEGREE = 120-122

** For Detailed tracking and degree requirements please refer to the UF catalog.*

Last Updated November 2024.