### Basic Science

#### Freshman

**Semester 1 (Spring):**
- CHM 2045 and 2045L General Chemistry 1 (3) and Laboratory (1) (GE-P)
- MAC 2233 Survey of Calculus (GE-M) Composition (GE-C, WR)
- HUM 2305 The Good Life (GE-H)
- HUM 1531 Creativity in Context

**Semester 2 (Summer):**
- AEB 2014 Economic Issues, Food and You (3) or ECO 2023 Principles of Microeconomics (4)
- CHM 2046 and 2046L General Chemistry 2 (3) and Laboratory (GE-P)
- STA 2023 Introduction to Statistics 1 (GE-M)
- Humanities
- HUM 1947 Creativity-in-Action Practicum

### Sophomore

**Semester 3 (Spring):**
- AEC 3033C Research and Business Writing in Agricultural and Life Sciences (WR)
- BSC 2010 and 2010L Integrated Principles 1 (3) and Laboratory (1) (GE-B)
- PHY 2004 and 2004L Applied Physics 1 (3) and Laboratory (1) (GE-P)
- Social and Behavioral Sciences (GE-S)
- ENT 3003 Principles of Entrepreneurship or EGN 4641 Engineering Entrepreneurship

**Semester 4: (Summer):**
- AEC 3030C Effective Oral Communication or SPC 2608 Public Speaking
- BSC 2011 and 2011L Integrated Principles of Biology 2 (3) and Laboratory (GE-B)
- PHY 2005 and 2005L Applied Physics 2 (3) and Laboratory (GE-P)
- Humanities (GE-H) or Social and Behavioral Sciences (GE-S)
- ENTXXXX The Venture Accelerator

### Junior

**Semester 5 (Spring):**
- ALS 3153 Agriculture Ecology (3)
- ENY 3005 and 3005L Principles of Entomology (2) and Laboratory (1)
- MCB 2000 and 2000L Microbiology (3) and Laboratory (1) or MCB 3020 and 3020L Basic Biology of Microorganisms (3) and Laboratory (1)
- Approved Electives
- PHI XXXX Making Ethical Decisions

**Semester 6 (Summer):**
- AGR 3303 Genetics
- CHM 2200 and 2200L Basic Organic Chemistry (3) and Laboratory (1)
- ENY 4161 Insect Classification
- AEC 3410 Fostering Innovation Through Leadership

### Senior

**Semester 7 (Spring):**
- ENY 4453 Behavioral Ecology and Systematics (3) or PCB 4043C General Ecology (4)
- NEM 3002 Principles of Nematology
- Approved Electives

**Semester 8 (Summer):**
- ENY 4573 Beekeeping (3) or ZOO 2203C Invertebrate Zoology (4)
- ENY 4660 and ENY 4660L Medical and veterinary Entomology (2) and Laboratory (1)
- Approved Electives
- Senior Project (ENY 4095 Problems in Entomology)

### Total Hours

**Freshman:** 15 TOTAL 15-16

**Sophomore:** 17-18 TOTAL 16

**Junior:** 16 TOTAL 13

**Senior:** 15 TOTAL 12-13

*For detailed requirements please refer to the UF catalog for your matriculation year.*