

## 4-Year Plan for Insect Science – Science Option

### First Year, First Semester

SCIL 101	3 cr	Science and Decision-Making for a Complex World
MATH 106 (ACE 3)	5 cr	Calculus I
ENTO 115 (ACE 4)	3 cr	Insect Biology
ENTO 116	1 cr	Insect Identification
LIFE 120	4 cr	Fundamentals of Biology I
<b>TOTAL</b>	<b>16 credit hours</b>	

### First Year, Second Semester

ACE 1	3 cr	
AECN 141 (ACE 6)	3 cr	Intro to Economics of Agriculture
ENTO XXX	3 cr	Entomology Requirement
LIFE 121	4 cr	Fundamentals of Biology II
<b>TOTAL</b>	<b>13 credit hours</b>	

### Second Year, First Semester

CHEM 109	4 cr	General Chemistry I
ACE 2	3 cr	
BIOS 205	4 cr	Genetics, Molecular & Cellular Biology
BIOS 206	4 cr	General Genetics
<b>TOTAL</b>	<b>15 credit hours</b>	

### Second Year, Second Semester

CHEM 110	4 cr	General Chemistry II
BIOS 207	4 cr	Ecology and Evolution
ENTO XXX	3 cr	Entomology Requirement
ACE 5	3 cr	
<b>TOTAL</b>	<b>14 credit hours</b>	

### Third Year, First Semester

CHEM 251	3 cr	Organic Chemistry
ENTO 400	4 cr	Biology and Classification of Insects
ACE 7	3 cr	

AGRI 388	1 cr	Employment Seminar
ACE 8	3 cr	

**TOTAL** 14 credit hours

**Third Year, Second Semester**

BIOC 321/321 L	4 cr	Elements of Biochemistry & Laboratory
ACE 9	3 cr	
BIOS XXX	3 cr	Biological Sciences Elective
ENTO 406	2 cr	Insect Ecology
AGRI 400	1 cr	Job Survival
AGRI 115	3 cr	Biotechnology: Food, Health & Environment

**TOTAL** 16 credit hours

**Fourth Year, First Semester**

ENTO 401	4 cr	Insect Physiology
PHYS 151	4 cr	Elements of Physics
ENTO 395	3 cr	Experiential Learning
ENTO XXX	3 cr	Entomology Requirement
Professional Electives	3 cr	

**TOTAL** 17 credit hours

**Fourth Year, Second Semester**

ENTO 485 (ACE 10)	3 cr	Current Issues in Insect Science
ENTO XXX	3 cr	Entomology Requirement
ENTO 395	3 cr	Experiential Learning
Professional Electives	6 cr	

**TOTAL** 15 credit hours