

# ANIMAL SCIENCES

## ANIMAL BIOLOGY SPECIALIZATION

Freshman **Fall** Admittance Suggested Course Schedule  
Pre-Professional Curriculum

### FRESHMAN YEAR - FALL:

ENC 1101	English Composition 1	3
<i>AEB 2014</i>	<i>Econ Issues Food &amp; You (S)</i> <i>(or ECO 2013 or 2023)</i>	3
CHM 1025	Intro to Chemistry	2
MAC1147	Pre-Calculus	4
		<b>12 credits</b>

### FRESHMAN YEAR - SPRING:

CHM 2045	General Chemistry 1	3
CHM 2045L	General Chemistry 1 Lab	1
MAC 2311	Calculus 1	4
Gen. Ed.	Social/Behavioral Sciences or Humanities Elective (D or N)	3
IUF 1000	What is the Good Life (H)	3
		<b>14 credits</b>

### FRESHMAN YEAR – SUMMER:

CHM 2046	General Chemistry 2	3
CHM 2046L	General Chemistry 2 Lab	1
		<b>4 credits</b>

### SOPHOMORE YEAR - FALL:

BSC 2010	Integ Prin Biology 1	3
BSC 2010L	Integ Prin Biology 1 Lab 1	1
ANS 3006	Intro to Animal Sciences	3
ANS 3006L	Intro to Animal Sciences Lab	1
<i>AEC 3030C</i>	<i>Oral Comm. In Ag</i> <i>(or SPC 2608 – Speech)</i>	3
Gen. Ed.	Social/Behavioral Sciences or Humanities Elective (D or N)	3
		<b>14 credits</b>

### SOPHOMORE YEAR - SPRING:

BSC 2011	Integ Prin Biology 2	3
BSC 2011L	Integ Prin Biology 2 Lab	1
ANS 3440	Princ. of Animal Nutrition	4
ENC 1102	English Composition 2	3
Gen. Ed.	Social/Behavioral Sciences Humanities Elective (WR - 6)	3
		<b>14 Credits</b>

### JUNIOR YEAR - FALL:

CHM 2210	Organic Chemistry 1	3
<i>*ANS 3319C</i>	<i>Reproductive Physiology</i>	4
<i>AEC 3033C</i>	<i>Research/Business Writing</i> <i>(or ENC 2210 or ENC 3254)</i>	3
ANS Lecture or Lab	<b>Approved</b> Elective	3
STA 2023	Statistics 1	3
		<b>16 credits</b>

### JUNIOR YEAR - SPRING:

CHM 2211	Organic Chemistry 2	3
CHM 2211L	Organic Chemistry 2 Lab	2
<i>*ANS 3043</i>	<i>Growth &amp; Development</i>	3
ANS Lecture or Lab	<b>Approved</b> Elective	3
Elective Free or Approved		3
		<b>14 credits</b>

### JUNIOR YEAR – SUMMER:

Electives	6
<b>6 credits</b>	

### SENIOR YEAR - FALL:

BCH 4024	Intro to Biochemistry	4
ANS Lecture or Lab	<b>Approved</b> Elective	3
Electives	Free or Approved	7
		<b>14 credits</b>

### SENIOR YEAR - SPRING:

MCB 3020	Microbiology	3
MCB 3020L	Microbiology Lab	1
ANS Lecture or Lab	<b>Approved</b> Elective	3
Electives	Free or Approved	5
		<b>12 credits</b>

Color codes: **Critical Tracking**, *College Requirement*, **Fall & Spring(\*)**, **Fall(+)**, **Spring(‡)**, **Spring & Summer(\$)**

**PLEASE NOTE:**

**\*UF General Education Requirements: 36 Total Credits earned with min. grade of C – no S/U grades**

- Minimum of (6) H and (6) S → UF Core requirement meets (3) H from IUF 1000
- Minimum (3) N and (3) D → (D) and (N) courses can also be counted toward (S) or (H) requirements
- Gordon Rule (WR): 24,000 words required  
ENC 1101 + ENC 1102 + AEC 3033C/ENC 2210 or 3254 = 18,000 words

**\*Students entering a Florida State University Institution must complete 9 hours during Summer terms**

**\*Additional UF Vet School Requirements not required for Animal Biology degree**

- Genetics → ANS 3384C (3), AGR 3300 (3), or PCB 3063 (4) – Animal Science Lecture Elective
- PHY 2053 (4) & PHY 2053L (1) – Elective
- PHY 2054 (4) & PHY 2054L (1) – Elective

**\*For most vet schools, students must complete at least 80% of the pre-requisite courses to apply.**

This guide may need to be revised to meet this requirement. Please meet with your academic advisor to determine your individual academic plan.