

# ANIMAL SCIENCES

## ANIMAL BIOLOGY SPECIALIZATION

Freshman **Summer B** Admittance Suggested Course Schedule  
Pre-Professional Curriculum

### FRESHMAN YEAR – SUMMER:

CHM 1025	Introduction to Chemistry	2
MAC 1147	Pre-Calculus	4
		<b>6 credits</b>

### FRESHMAN YEAR - FALL:

<b>CHM 2045</b>	<b>General Chemistry 1</b>	<b>3</b>
<b>CHM 2045L</b>	<b>General Chemistry 1 Lab</b>	<b>1</b>
ENC 1101	English Composition 1	3
AEB 2014	Econ Issues Food & You (S) (or ECO 2013 or 2023)	3
IUF 1000	What is the Good Life (H)	3
		<b>13 credits</b>

### FRESHMAN YEAR - SPRING:

<b>CHM 2046</b>	<b>General Chemistry 2</b>	<b>3</b>
<b>CHM 2046L</b>	<b>General Chemistry 2 Lab</b>	<b>1</b>
<b>MAC 2311</b>	<b>Calculus 1</b>	<b>4</b>
ENC 1102	English Composition 2	3
Gen. Ed.	Social/Behavioral Sciences or Humanities Elective (D or N)	3
*Suggested Elective: ANS 2005 Animals in Human History (H, N)		
		<b>14 credits</b>

### SOPHOMORE YEAR - FALL:

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

### SOPHOMORE YEAR - SPRING:

<b>BSC 2011</b>	<b>Integ Prin Biology 2</b>	<b>3</b>
<b>BSC 2011L</b>	<b>Integ Prin Biology 2 Lab</b>	<b>1</b>
ANS 3440	Princ. of Animal Nutrition	4
STA 2023	Statistics 1	3
*Gen. Ed.	Social/Behavioral Sciences or Humanities Elective (WR - 6)	3
		<b>14 credits</b>

### JUNIOR YEAR - FALL:

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

### JUNIOR YEAR - SPRING:

CHM 2211	Organic Chemistry 2	3
CHM 2211L	Organic Chemistry 2 Lab	2
ANS 3043	Growth & Development	3
ANS Lecture or Lab	<b>Approved</b> Elective	3
*Suggested Elective: ANS 3384C Animal Genetics		
Elective	Free or Approved	3
		<b>14 credits</b>

### JUNIOR YEAR - SUMMER:

Elective	4
*Suggested Elective: PHY 2053 – Physics 1	
Elective	1
*Suggested Elective: PHY 2053L – Phys. 1 Lab	
<b>5 credits</b>	

### SENIOR YEAR - FALL:

BCH 4024	Intro to Biochemistry	4
ANS Lecture or Lab	<b>Approved</b> Elective	3
Elective		4
*Suggested Elective: PHY 2054 – Physics 2		
Elective		1
*Suggested Elective: PHY 2054L – Phys. 2Lab		
Elective		3
<b>15 credits</b>		

### SENIOR YEAR - SPRING:

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

Color codes: **Critical Tracking**, College Requirement, Fall & Spring, Fall, Spring, Spring & Summer

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## **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.

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## **ANIMAL SCIENCES ACADEMIC ADVISING OFFICE ANIMAL SCIENCES BUILDING 459, ROOM 100**

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