

# Animal Sciences

## Animal Biology Specialization

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

#### FRESHMEN YEAR – FALL:

|                |   |          |
|----------------|---|----------|
| <b>MAC1147</b> | <b>PreCalculus &amp; Trigonometry</b>               | <b>4</b> |
| ENC1101        | English Composition 1                               | 3        |
| AEB2014        | Econ Issues Food & You (S) (or<br>ECO 2013 or 2023) | 3        |
| IDS2935        | Quest 1 (H)   | 3        |

**13 credits**

#### FRESHMEN YEAR – SPRING:

|                 |   |          |
|-----------------|---|----------|
| <b>CHM2045</b>  | <b>General Chemistry 1</b>                                    | <b>3</b> |
| <b>CHM2045L</b> | <b>General Chemistry 1 Lab</b>                                | <b>1</b> |
| ENC1102         | English Composition 2   | 3        |
| Gen. Ed.        | Social/Behavioral Sciences or<br>Humanities Elective (D or N) | 3        |

\*Suggested Elective: ANS 2005 Animals in  
Human History (H, N)

|   |  |   |
|---|--|---|
| ANS Lecture or Lab <b>Approved</b> Elective |  | 3 |
|---|--|---|

\*Suggested Elective: ANS2002 Meat We Eat

**13 credits**

#### FRESHMEN YEAR – SUMMER:

|                 |                                |          |
|-----------------|--------------------------------|----------|
| <b>CHM2046</b>  | <b>General Chemistry 2</b>     | <b>3</b> |
| <b>CHM2046L</b> | <b>General Chemistry 2 Lab</b> | <b>1</b> |

**4 credits**

#### SOPHOMORE YEAR – FALL:

|                 |   |          |
|-----------------|---|----------|
| <b>BSC2010</b>  | <b>Integ Prin Biology 1</b>                         | <b>3</b> |
| <b>BSC2010L</b> | <b>Integ Prin Biology 1 Lab</b>                     | <b>1</b> |
| AEC3030C        | Oral Comm. In Ag<br>(or SPC2608 – Speech)           | 3        |
| ANS3006         | Intro to Animal Sciences                            | 3        |
| ANS3006L        | Intro Animal Sciences Lab                           | 1        |
| *Gen. Ed.       | Quest 2 (S or B) or Humanities<br>Elective (D or N) | 3        |

**14 credits**

#### SOPHOMORE YEAR – SPRING:

|                 |   |          |
|-----------------|---|----------|
| <b>BSC2011</b>  | <b>Integ Prin Biology 2</b>                                 | <b>3</b> |
| <b>BSC2011L</b> | <b>Integ Prin Biology 2 Lab</b>                             | <b>1</b> |
| ANS3440         | Principles of Animal Nutrition                              | 4        |
| STA2023         | Statistics 1  | 3        |
| *Gen. Ed.       | Social/Behavioral Sciences or<br>Humanities Elective (WR-6) | 3        |
| ANS2934 OR      | Careers in Animal Sciences OR                               | 2        |
| ANS2090         | Survey of Vet Med   |          |

**16 credits**

#### JUNIOR YEAR – FALL:

|   |  |          |
|---|--|----------|
| CHM2210                                     | Organic Chemistry 1                                  | 3        |
| <b>ANS3319C</b>                             | <b>Reproductive Physiology</b>                       | <b>4</b> |
| AEC3033C                                    | Research/Business Writing (or<br>ENC2210 or ENC3254) | 3        |
| ANS Lecture or Lab <b>Approved</b> Elective |  | 3        |
| Elective Free or <b>Approved</b>            |  | 1        |

**14 credits**

#### JUNIOR YEAR – SPRING

|   |                                 |          |
|---|---------------------------------|----------|
| CHM2211                                     | Organic Chemistry 2             | 3        |
| CHM2211L                                    | Organic Chemistry 2 Lab         | 2        |
| ANS3384C                                    | Genetics of Domestic Animals    | 3        |
| OR PCB2063                                  |                                 |          |
| <b>ANS3043</b>                              | <b>Growth &amp; Development</b> | <b>3</b> |
| ANS Lecture or Lab <b>Approved</b> Elective |                                 | 3        |
| Elective Free or <b>Approved</b>            |                                 |          |

**14 credits**

#### JUNIOR YEAR –SUMMER:

|   |  |   |
|---|--|---|
| Elective                                  |  |   |
| *Suggested Elective: PHY2053 Physics 1    |  | 4 |
| *Suggested Elective: PHY2053L Phys. 1 Lab |  | 1 |

**5 credits**

#### SENIOR YEAR – FALL:

|   |                       |   |
|---|-----------------------|---|
| BCH4024                                     | Intro to Biochemistry | 4 |
| ANS Lecture or Lab <b>Approved</b> Elective |                       | 3 |
| Elective                                    |                       | 4 |
| *Suggested Elective: PHY2054 Physics 2      |                       |   |
| *Suggested Elective: PHY2054L Physics 2 Lab |                       | 1 |
| Elective                                    |                       | 3 |

**15 credits**

#### SENIOR YEAR – SPRING:

|           |                  |   |
|-----------|------------------|---|
| MCB3020   | Microbiology     | 3 |
| MCB3020L  | Microbiology Lab | 1 |
| Electives |                  | 8 |

**12 credits**

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

June 2023

**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**

- •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**

**Alexis Tilton** – Academic Advisor

[stricklanda@ufl.edu](mailto:stricklanda@ufl.edu)

**Savannah Linzmaier** – Academic Advisor

[slinzmaier@ufl.edu](mailto:slinzmaier@ufl.edu)

**Dr. Albert DeVries**– Undergraduate Coordinator

[devries@ufl.edu](mailto:devries@ufl.edu)

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**FACULTY ADVISORS:**

**Dr. Samantha Brooks**

ANS bldg. 459 room 231  
[samantha.brooks@ufl.edu](mailto:samantha.brooks@ufl.edu)

**Mrs. Amie Imler**

ANS bldg. 459 room 231  
[amie.taylor@ufl.edu](mailto:amie.taylor@ufl.edu)

**Dr. Sandra TenBroeck**

ANS bldg. 459 room 231  
[Sht@ufl.edu](mailto:Sht@ufl.edu)

**Mr. Justin Callaham**

ANS bldg. 459 room 210  
[callaham@ufl.edu](mailto:callaham@ufl.edu)

**Dr. Emily Miller-Cushon**

ANS bldg. 499 room 104  
[emillerc@ufl.edu](mailto:emillerc@ufl.edu)

**Dr. Todd Thrift**

ANS bldg. 459 room 210  
[tathrift@ufl.edu](mailto:tathrift@ufl.edu)

**Dr. Chad Carr**

ANS bldg. 459 room 224  
[chadcarr@ufl.edu](mailto:chadcarr@ufl.edu)

**Dr. Jason Scheffler**

ANS bldg. 459 room 231  
[jmscheff@ufl.edu](mailto:jmscheff@ufl.edu)

**Dr. Lori Warren**

ANS bldg. 459 room 210  
[lkwarren@ufl.edu](mailto:lkwarren@ufl.edu)

**Mr. Joel McQuagge**

ANS bldg. 459 room 210  
[mcquagge@ufl.edu](mailto:mcquagge@ufl.edu)

**Dr. Tracy Scheffler**

ANS bldg. 459 room 210  
[tscheffler@ufl.edu](mailto:tscheffler@ufl.edu)

**Dr. Carissa Wickens**

ANS bldg. 459 room 231  
[cwickens@ufl.edu](mailto:cwickens@ufl.edu)