# ANIMAL SCIENCES
## ANIMAL BIOLOGY SPECIALIZATION
### Freshman Spring Admittance Suggested Course Schedule
#### Innovation Academy Pre-Professional Curriculum

### Freshman Year - Spring:
- **CHM 2045** General Chemistry 1  
- **CHM 2045L** General Chemistry 1 Lab  
- **ENC 1101** English Composition 1  
- **IDS 1353** Creativity in Context  
- **IUF 1000** What is the Good Life (H)  

**Total Credits: 12**

### Freshman Year - Summer:
- **CHM 2046** General Chemistry 2  
- **CHM 2046L** General Chemistry 2 Lab  
- **MAC 2311** Calculus 1  
- **ENC 1102** English Composition 2  
- **IDS 1359** Creativity in Action  

**Total Credits: 13**

### Sophomore Year - Spring:
- **BSC 2010** Integ. Prin. Biology 1  
- **BSC 2010L** Integ. Prin. Biology 1 Lab  
- **ENT 3003** Principles of Entrep.  
- Gen. Ed. Social/Behavioral Sciences  
  - or Humanities Elective (D or N)  

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

**Total Credits: 14**

### Sophomore Year - Summer:
- **BSC 2111** Integ. Prin. Biology 2  
- **BSC 2111L** Integ. Prin. Biology 2 Lab  
- **ANS 3006** Intro to Animal Sciences  
- **ANS 3006L** Intro to Animal Sciences Lab  
- **AEC 3410** Fostering Innovation  
  - or Gen. Ed. Social/Behavioral Sciences  
  - or Humanities Elective (D or N)  

**Total Credits: 14**

### Sophomore Year - Fall:
- Elective  
- *Suggested Elective: PHY 2053 – Physics 1*  
- Elective  

*Suggested Elective: PHY 2053L – Phys. 1 Lab*  

**Total Credits: 5**

### Junior Year - Spring:
- **CHM 2210** Organic Chemistry 1  
- **ANS 3319C** Reproductive Physiology  
- **PHI 3641** Conduct, Change, & Conseq.  
- **AEC 3033C** Research/Business Writing  
  - or ENC 2210 or ENC 3254  

**Total Credits: 16**

### Junior Year - Summer:
- **CHM 2211** Organic Chemistry 2  
- **CHM 2211L** Organic Chemistry 2 Lab  
- **ANS Lecture or Lab Approved** Elective  
  - *Suggested Elective: ANS 3384C Animal Genetics*  

**Total Credits: 12**

### Junior Year - Fall:
- Elective  
  - *Suggested Elective: PHY 2054 – Physics 2*  
- Elective  

*Suggested Elective: PHY 2054L – Phys. 2 Lab*  

**Total Credits: 5**

### Senior Year - Spring:
- **BCH 4024** Intro to Biochemistry  
- **ANS 3043** Growth & Development  
- **IDS 4950** IA Senior Project  
- **AEB 2014** Econ Issues Food & You (S)  
  - or ECO 2013 or 2023  

**Total Credits: 15**

### Senior Year - Summer:
- **MCB 3020** Microbiology  
- **MCB 3020L** Microbiology Lab  
- **AEC 3030C** Oral Comm. In Ag  
  - or SP 2608 – Speech  

*Gen. Ed. Social/Behavioral Sciences  
  - or Humanities Elective (WR - 6)  

**Total Credits: 14**

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Color codes: **Critical Tracking**, College Requirement, Spring Only, Spring & Summer, IA Minor

*Updated July 2018*
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

*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.

ANIMAL SCIENCES ACADEMIC ADVISING OFFICE
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