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

6 credits

FRESHMAN YEAR - FALL:
- CHM 2045 General Chemistry 1 3
- CHM 2045L General Chemistry 1 Lab 1
- ENC 1101 English Composition 1 3
- AEB 2014 Econ Issues Food & You (S)  3
  (or ECO 2013 or 2023)
- IUF 1000 What is the Good Life (H) 3

13 credits

FRESHMAN YEAR - SPRING:
- CHM 2046 General Chemistry 2 3
- CHM 2046L General Chemistry 2 Lab 1
- MAC 2311 Calculus 4
- ENC 1102 English Composition 2 3
- Gen. Ed. Social/Behavioral Sciences 3
  or Humanities Elective (D or N)

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

14 credits

SOPHOMORE YEAR - FALL:
- BSC 2010 Integ Prin Biology 1 3
- BSC 2010L Integ Prin Biology 1 Lab 1
- AEC 3030C Oral Comm. in Ag 3
  (or SPC 2608 – Speech)
- ANS 3006 Intro to Animal Sciences 3
- ANS 3006L Intro to Animal Sciences Lab 1
- Gen. Ed. Social/Behavioral Sciences 3
  or Humanities Elective (D or N)

14 credits

SOPHOMORE YEAR - SPRING:
- BSC 2111 Integ Prin Biology 2 3
- BSC 2111L Integ Prin Biology 2 Lab 1
- ANS 3440 Princ. of Animal Nutrition 4
- STA 2023 Statistics 1 3
- Gen. Ed. Social/Behavioral Sciences 3
  or Humanities Elective (WR - 6)

14 credits

JUNIOR YEAR - FALL:
- CHM 2210 Organic Chemistry 1 3
- ANS 3319C Reproductive Physiology 4
- AEC 3033C Research/Business Writing 3
  (or ENC 2210 or ENC 3254)
- ANS Lecture or Lab Approved Elective 3
- Elective Free or Approved 3

16 credits

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 Approved Elective 3

*Suggested Elective: ANS 3384C Animal Genetics
Elective Free or Approved 3

14 credits

JUNIOR YEAR - SUMMER:
- Elective 4
- *Suggested Elective: PHY 2053 – Physics 1
- Elective 1

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

5 credits

SENIOR YEAR - FALL:
- BCH 4024 Intro to Biochemistry 4
- ANS Lecture or Lab Approved Elective 3
- Elective 4
- *Suggested Elective: PHY 2054 – Physics 2
- Elective 1
- *Suggested Elective: PHY 2054L – Phys. 2 Lab
- Elective 3

15 credits

SENIOR YEAR - SPRING:
- MCB 3020 Microbiology 3
- MCB 3020L Microbiology Lab 1
- ANS Lecture or Lab Approved Elective 3
- Electives 5

12 credits

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.

ANIMAL SCIENCES ACADEMIC ADVISING OFFICE
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