Integrative Animal Biology Major Requirements: 40 hours total

- Must receive a C- or better to meet major requirements.
- Cascading Prerequisites are strictly enforced. CR = co-requisite, courses that can be taken concurrently.
- Must maintain a 2.0 GPA in all Majors’ coursework; this is the Applied Attempts GPA in the Major block of Degreeworks.
- Must have fewer than 3 D and/or F grades in the Biology major and supporting science requirement lectures
- Must complete a minimum of 20 credit hours of Integrative Animal Biology major requirements at USF Tampa

Biology Core Curriculum: 16 hours

- Must have fewer than 3 D or F grades in the Biology major and supporting science requirement lectures
- Must receive a C- or better to meet major requirements.
- Maximum of 4 semester hours BSC 4910 Undergraduate Research can apply.
- BCH 4033 Advanced Biochemistry (Fall) is the only approved non-Biology elective course option not offered by IB or CMMB departments.
- BCH 4033 will NOT count towards the 8 hrs. of 4000 level major electives.

Supporting Sciences: 32-34 hours total

- Students must receive a C- or better to meet requirements for degree
- One of the General Physics sequences 8 hrs.: C- or better

Integrative Animal Biology Curriculum: 24 hours – min 8 hours at 4000+ level

Choose ONE Structure & Function Pairing from:

- Invertebrate Biology
  - ZOO 3205C Adv. Invertebrate Zoology (Fall) 4 hrs BSC 2011/L, CHM 2046, & PCB 3xxx
  - PCB 3712/L General Physiology and Lab 4 hrs BSC 2011/L, CHM 2046

- Vertebrate Biology
  - BSC 4933 Vertebrate Natural History and Lab OR 4 hrs BSC 2011/L, CHM 2046
  - ZOO 3713C Comparative Vertebrate Anatomy (Spring) 5 hrs BSC 2011/L, CHM 2046
  - PCB 3712/L General Physiology and Lab 4 hrs BSC 2011/L, CHM 2046

- Human Biology
  - BSC 2093C Human Anatomy & Physiology I (Fall) 4 hrs BSC 2011/L, CHM 2045
  - BSC 2094C Human Anatomy & Physiology II (Spring) 4 hrs BSC 2093C, BSC 2011/L, CHM 2045

- Choose 15-16* additional hours of Integrative Animal Biology Major courses (8 of the 16 hrs. must be 4000+ level Biology Major Courses), from Tampa Campus IB Department or CMMB Department course offerings (prefix of BOT, BSC, MCB, PCB, or ZOO), with the exception of BSC 4905 and courses labeled as “not for major credit.”
- Most advanced biology courses are not offered every semester; there are no set offerings for summer semesters.
- Maximum of four (4) semester hours BSC 4910 Undergraduate Research can apply.
- OCE 4930 Advanced Oceanography I and II OR BCH 4033 Advanced Biochemistry (Fall) are the only approved non-Biology elective course options not offered by IB or CMMB departments.
- BCH 4033 will NOT count towards the 8 hrs. of 4000 level major electives.
- *Students who complete ZOO 3713C in Spring 2012 and forward only need 15 hrs. of IAB Bio electives.

Prerequisite grade

- CHM 2045 & CHM 2045L General Chemistry I and Lab 4 hrs. C (2.0) grade min
- CHM 2046 & CHM 2046L General Chemistry II and Lab 4 hrs. C (2.0) grade min
- CHM 2210 & CHM 2210L Organic Chemistry I and Lab 5 hrs. C (2.0) grade min
- CHM 2211 & CHM 2211L Organic Chemistry II and Lab 5 hrs. C (2.0) grade min
- One of the General Physics sequences 8 hrs.: C- or better
  - PHY 2053/L & 2054/L (non-calculus based, recommended for life science/pre-health majors)
  - PHY 2048/L & 2049/L (calculus based – must take MAC 2311 and 2312 math sequence)
- Calc I: MAC 2241 Life Sciences, MAC 2311, or MAC 2281 Engineering 3-4 hrs. C (2.0) grade min to take Calc II
- Calc II or Statistics: MAC 2242, MAC 2312, MAC 2282, or STA 2023 3-4 hrs. C- or better
General Education Common Core:

- ENC 1101
- ENC 1102
- Choose one of the following Social Sciences: AMH 2020, ANT 2000, ECO 2013, POS 2041, PSY 2012, OR SYG 2000
- Choose one of the following Humanities: ARH 2000, HUM 1020, LIT 2000, PHI 2010, OR THE 2000

Foundations of Knowledge and Learning Lower-Level Requirements:

- Social/Behavioral Science
- Human/Cultural Diversity in a Global Context
- Fine Arts
- Humanities
- Human Historical Context and Process dimension (two courses from above must also meet HHCP)

  ENC 1101

Foundations of Knowledge and Learning Upper-Level Requirements:

- Capstone
- Writing Intensive

Other University Requirements:

- 120 Hours – A Bachelor’s Degree requires a minimum of 120 credit hours
- 48 Hour Rule – All students are required to take at least 48 credits at the 3000+ level. Between your Integrative Animal Biology major courses and the exit courses you will complete 30-38 upper level credits. Based on the number of credits you have already taken, you have ____ upper level credits remaining, outside of the major and exit courses.
- Summer Rule – All students who enter USF with fewer than 60 credits are required to take at least 9 credits of course work in the summer at a State University System (SUS) 4-year University.
- GPA Requirement – Students must earn and Overall 2.0 GPA and USF 2.0 GPA
- USF Residency – Students must complete 30 of the last 60 credits in USF Tampa coursework
- FLENT (Foreign Language Entrance Requirement)
- Gordon Rule Communication – ENC 1101 & ENC 1102, Writing Intensive and one ‘double-dip’ course

“BioAdvise at USF" on Facebook for new opportunities within the Biology Field!

The final responsibility for meeting all graduation requirements stated in the catalog rests with the student. See the USF catalog for a complete list of graduation requirements. http://www.ugs.usf.edu/catalogs.htm