Biology Major Requirements: 40 hours total

- Students must receive a C- or better to meet major requirements.
- Cascading Prerequisites are strictly enforced. CR = co-requisite, courses that can be taken concurrently.
- Students must earn a 2.0 GPA in all major coursework taken at USF.
- Students must have less than 3 D and/or F grades in biology major and supporting science requirement lectures.
- Students must complete a minimum of 20 hours in Biology major coursework on Tampa campus at USF.

Biology Core Curriculum: 16 hours

- BSC 2010 & 2010L Biology I Cellular Processes 4 hrs CHM 2045 (CR)
- BSC 2011 & 2011L Biology II Diversity 4 hrs BSC 2010/L
- PCB 3043 & 3043L Ecology and Lab 4 hrs BSC 2011/L, CHM 2046
- PCB 3063 & 3063L Genetics and Lab 4 hrs BSC 2010/L, CHM 2046

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

- Choose 1 Structure & Function Pairing from:
  - Invertebrate Biology
    - ENY 3004 Intro to Entomology OR 4 hrs BSC 2011/L, CHM 2046 or Calc I or STA 2023
    - ZOO 3205C Adv. Invertebrate Anatomy 4 hrs BSC 2011/L, CHM 2046 or Calc I or STA 2023
  - PCB 3712/L General Physiology 4 hrs BSC 2011/L, CHM 2046
  - Vertebrate Biology
    - ZOO 2303/L Vertebrate Zoology OR 4 hrs BSC 2011/L, CHM 2046 or MAC 2241 or STA 2023
    - ZOO 3713C Comparative Vertebrate Anatomy 4 hrs BSC 2011/L, CHM 2046 or MAC 2241 or STA 2023
  - PCB 3712/L General Physiology OR 4 hrs CHM 2210, PHY 2053, ZOO 2303
  - PCB 4723/L Animal Physiology 4 hrs CHM 2210, PHY 2053, ZOO 2303
  - Human Biology
    - BSC 2093C Human Anatomy & Physiology I 4 hrs BSC 2011/L, CHM 2045
    - BSC 2094C Human Anatomy & Physiology II 4 hrs BSC 2093C

- Choose 16 additional hours of Biology Major courses, 8 of which must be at the 4000+ level, from any Tampa Campus IB Department or CMMB Department courses (course code prefix of BOT, BSC, ENY, MCB, PCB, or ZOO), with the exception of 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.
- BCH 3023/L Intro to Biochemistry and lab are the only approved options not offered by IB or CMMB. (chemistry)

Supporting Sciences: 34 hours total

- Students must receive a C- or better to meet requirements for degree
- General Chemistry I & II: CHM 2045/L & CHM 2046/L (8 hrs) C (2.0) grade min
- Organic Chemistry I & II: CHM 2210/L & CHM 2211/L (10 hrs) C (2.0) grade min
- One of the General Physics sequences (8 hrs):
  - 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 2281 Engineering, or MAC 2311 C (2.0) grade min
- Calc II or Statistics: MAC 2242, MAC 2282, MAC 2312, or STA 2023 C (2.0) grade min