Biology Major Requirements: 40 hours total

• Students must receive a C- or better to meet major requirements
• Cascading Prerequisites are strictly enforced.
• Students must maintain a 3.0 GPA in all Majors’ coursework, which is calculated using only USF Biology courses.
• Students must have less than 3 D and/or F grades in micro major and supporting science requirement lectures
• Students must complete a minimum of 20 hours in Biology 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 2011/L, CHM 2046

Marine Curriculum: 24 hours – minimum of 8 hours must be 4000+level

- BSC 3312 Marine Biology 3 hrs BSC 2011/L, CHM 2046
- BSC 4937 Seminar in Marine Biology 2 hrs BSC 3312, PCB 3xxx

Choose one 4-hour “structure” course from the following*:
- BOT 3373C Vascular Plants
- MCB 3020C General Microbiology
- ZOO 2303/BSC 4933 Vertebrate Zoology + lab
- ZOO 3205C Advanced Invertebrate Biology
- ZOO 3713C Comparative Vertebrate Anatomy

Choose 15 remaining hours from the following courses

- Min 6 hours must be at 4000+level
- Max of 6 hours may be taken from courses offered outside of the biology departments with prior approval **
- BOT 4503/L Plant Physiology (3/1)
- BOT 5185 Marine Botany (4)
- BSC 4313C Advanced Marine Biology (4)
- BSC 4910/MCB 4905 Undergrad Research (1-4)
- BSC 4933 Special Topic approved for Marine
- GIS 5049** GIS for Non-majors (3)
- GLY 4734** Beaches & Coastal Environments (3)
- OCB 6050** Biological Oceanography (3)
- OCC 6050** Chemical Oceanography (3)
- OCG 6050** Geographical Oceanography (3)

May also select one or more of the “structure” courses which is NOT being used to meet the “structure” requirement* (BOT 3373C, MCB 3020C, ZOO 2303/BSC 4933, ZOO 3205C, and/or ZOO 3713C)

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