



## COLLEGE OF ARTS & SCIENCES

### BACHELOR OF SCIENCE: BIOMEDICAL SCIENCES

#### YEAR 1 FALL

ENC 1101  
 MAC 2311\*  
 CHM X045 with Lab\*  
 State Core Humanities

3  
 4-5  
 4  
 3

#### YEAR 1 SPRING

CHM X046 with Lab  
 MAC 2312 or STA 2023  
 State Core Social Science  
 General Education/Elective

4  
 3-5  
 3  
 3

**TOTAL: 14-15**

**TOTAL: 13-15**

#### YEAR 2 FALL

CHM X210 with Lab  
 BSC X010 with Lab  
 General Education/Elective  
 General Education/Elective  
 General Education/Elective

4-5  
 4  
 3  
 3  
 3

#### YEAR 2 SPRING

CHM X211 with Lab  
 BSC X011 with Lab  
 General Education/Elective  
 General Education/Elective  
 General Education/Elective

4-5  
 4  
 3  
 3  
 3

**TOTAL: 17-18**

**TOTAL: 17-18**

\*These classes may have prerequisites that must be taken before. Check with your Academic Advisor.

#### YEAR 3 FALL USE

BCH 3053 General Biochemistry  
 PHY 2053/L General Physics I with Lab\*\*  
 Upper Level Elective  
 Upper Level Elective

3  
 4  
 3  
 3

#### YEAR 3 SPRING USE

PCB 3063 Genetics\*\*  
 PCB 3063L Genetics Lab\*\*  
 PHY 2054/L General Physics II with Lab\*\*  
 Upper Level Elective  
 Upper Level Elective

3  
 1  
 4  
 3  
 3

**TOTAL: 13**

**TOTAL: 14**

#### YEAR 4 FALL USE

PCB 3712 Physiology  
 CHM 3120C Elementary Analytical Chemistry  
 Upper Level Elective  
 Upper Level Elective  
 Upper Level Elective

3  
 4  
 3  
 3  
 3

#### YEAR 4 SPRING USE

BOT 3850 Medical Botany  
 PHZ 4702 Applications of Physics to Bio and Med I  
 General Elective  
 General Elective  
 General Elective

3  
 4  
 3  
 3  
 3

**TOTAL: 16**

**TOTAL: 16**

\*\*Other course options may be possible. Consult a USF Academic Advisor to determine the most suitable option for student specific goals.

### The following is additional information for the Biomedical Sciences major:

- If all pre-requisite courses outlined in the first two years are not completed before transferring to USF students may not meet [admissions criteria](#) to be eligible for admission in the major.
- Biomedical Science is available at the Tampa campus only
- This major is a great option for those students who want to pursue a health profession school after graduation such as medical school, veterinary school, dental school, physical therapy school, physician assistant, etc.
- Students should not take MCB2000/L or MAC2233 at the state college institution.
- Classes for this major are only offered in person and mostly during the afternoon.
- Students who accumulate 3 D and/or F grades in applicable USF science and math coursework for their major will be required to change their major to a major more appropriate to their goals and academic performance, and to a major that is not conferred by the Department of Chemistry, Department of Integrative Biology or Department of Cell Biology, Microbiology, and Molecular Biology. Grade Forgiveness will NOT apply to the mandated requirement of changing majors. If a student is in violation of the D/F policy, regardless of major, they will no longer be able to take any courses offered by the Department of Chemistry, Department of Integrative Biology or Department of Cell Biology, Microbiology, and Molecular Biology.
- Major GPA of 2.0 required for graduation.
- Foreign language entrance requirement (FLENT)- must come in with 2 years of consecutive language from high school or 2 semesters of language taken with AA or a language will need to be added to the above plan.

### Career Opportunity Links:

[Occupational Outlook Handbook](#) | [O\\*NET](#) | [Major Possibilities](#)

For more information about transferring into a science major at USF students can contact [SciFYE@usf.edu](mailto:SciFYE@usf.edu)

For general transfer advising inquiries please contact [transfer-advising@usf.edu](mailto:transfer-advising@usf.edu)

