Please note that a grade of “C” or higher is required for all courses in the major.

### Tier 1: Required Lower-Level Courses: 38-40 credits

**Chemistry Courses:** 18 Credits
- CHM 2045 □ CHM 2045L General Chem. I & Lab
- CHM 2046 □ CHM 2046L General Chem. II & Lab

**Biology Courses:** 8 Credits
- BSC 2010 □ BSC 2010L Cellular Processes & Lab
- BSC 2011 □ BSC 2011L BioDiversity & Lab

**Physics Courses**: 8 Credits
- PHY 2053 □ PHY 2053L Physics I & Lab
- PHY 2054 □ PHY 2054L Physics II & Lab

**Mathematics Courses**: 6-8 Credits
- MAC 2241 Life Sci. Calc. I OR □ MAC 2311 Calc. I
- □ MAC 2242 Life Sci. Calc. II OR □ MAC 2312 Calc. II OR □ STA 2023 Intro. Stats

**Geology Courses**: 8 Credits
- GLY 2010: Dynamic Earth: Intro to Physical Geology
- GLY 2000L: Essentials of Geology Lab
- GLY 2100 History of the Earth and Life
- GLY 2100L History of the Earth and Life Lab

### Tier 2: Required Upper-Level Biomedical Courses: 24 Credits

A minimum of **6 credit hours** of structured, upper division (3000 level or higher) courses in **three of the five natural sciences areas** is required. All Tier 2 courses in the sciences will be selected by the must be chosen from the list of courses approved for department Major credit.

Make sure you **do not** register for excluded courses. Always ask an advisor if you have questions about what is acceptable!

### Use This Section To Track Your Required Upper Level Courses

<table>
<thead>
<tr>
<th>Natural Science Dept. #1</th>
<th>Natural Science Dept. #2</th>
<th>Natural Science Dept. #3</th>
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<td>Course (__<strong>) (</strong>_ cr)</td>
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TOTAL CREDITS = _______  TOTAL CREDITS = _______  TOTAL CREDITS = _______

### NATURAL SCIENCE DEPTS.

<table>
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<tr>
<th>CHOOSE FROM THESE ACCEPTABLE COURSES</th>
<th>UNACCEPTABLE COURSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEMISTRY</td>
<td>CHM 3000-5000, BCH 3000-5000, CHS 3000-5000</td>
</tr>
<tr>
<td>BIOLOGY</td>
<td>BOT 3000-5000, BSC 3000-5000, ENY 3000-5000, MCB 3000-5000, PCB 3000-5000, or ZOO 3000-5000</td>
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<tr>
<td>PHYSICS</td>
<td>PHY 3000-5000, PHZ 3000-5000</td>
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<tr>
<td>MATHEMATICS</td>
<td>CGS 3414, COP 4313, MAA 3000-5000, MAD 3000-5000, MAP 3000-5000, MAS 3000-5000, MAT 3000-5000, MGF 3000-5000, MHF 3000-5000, MTG 3000-5000, STA 3000-5000</td>
</tr>
<tr>
<td>GEOLOGY</td>
<td>GLY 3000-5000</td>
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| BSC 4057 or ZOO 4512, BSC 4933: Check with an advisor prior to taking any BSC4933 course as they are subject to approval |
| PHY 4031 |
| MAD 3100, MAA 4212, MAS 4214, MHF 4403, MTG 3212 |
| GLY 3850, GLY 4045, GLY 4053, GLY 4734, GLY 4780, GLY 4805/4705, GLY 4920, GLY 4930 |
Students should regularly review their DegreeWorks audit to ensure they are on track to complete all graduation Requirements, and in preparation for all advising appointments. If you are already declared as an Interdisciplinary Natural Sciences major, follow these steps to review your Degree Works report online:

Go to http://Degreeworks.usf.edu
Type in NetID and password
View your degree audit! (DegreeWorks can also be accessed through Canvas and OASIS)

General Education Common Core & Additional USF Enhanced General Education courses:

- ENC 1101 (3cr)
- ENC 1102 (3cr)
- Enhanced General Education—Information & Data Literacy (3cr)
- Enhanced General Education – Ethical Reasoning & Civic Engagement (3cr)
- Enhanced General Education – Creative Thinking (3cr)
- Enhanced General Education – Human/Cultural Diversity (3cr)
- Enhanced General Education—High Impact Practice (3cr)
- Civics Literacy Requirement
  Select from: AMH 2020: American History II (3cr) or POS 2041: American National Government (3cr)
  OR Complete the online Canvas test (pass with 60% or higher)

__cr→ 120 credits: A Bachelor’s degree requires a minimum of 120 credit hours.

__cr→ 42 upper level credits: All students are required to take at least 42 credits at the 3000 & 4000 level. Please note: The Interdisciplinary Natural Sciences major courses will satisfy______ credits of the required 42 credits. Based on the number of upper level credits you have already taken, you have _____ upper level credits remaining, outside of the major courses.

__cr→ 9 credit 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.

12 cr of Gordon Rule Writing ENC 1101 & ENC 1102, and two additional courses

FLENT: Foreign Language Entrance Requirement: All students must have two years of the same foreign language in high school. Students without this requirement must take two semesters of foreign language in college.

See the USF catalog for a complete list of graduation requirements. The final responsibility for meeting all graduation requirements stated in the catalog rests with the student. This sheet is not meant to be a complete list of University Graduation requirements.