This program map is intended ONLY as a guide for students to plan their course of study. It does NOT replace any information in the Undergraduate Catalog, which is the official guide for completing degree requirements.
### TERM 1

| A1: ENGL 1101 | 3 |
| English Composition I |

| A2: MATH 1113 | 4 |
| Precalculus |

| XIDS 2002 | 2 |
| First Year Seminar |

| F: CHEM 1211 + LAB | 4 |
| Principles of Chemistry I + Lab section |

**Milestones:**
- Complete ENGL 1101, CHEM 1211/1211L with C or better
- Complete MATH 1113 C or better

**Options:**
- B1, C, OR E

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### TERM 2

| A1: ENGL 1102 | 3 |
| English Composition II |

| BIOL 1110 | 3 |
| Biological Diversity |

| F: CHEM 1212 + LAB | 4 |
| Principles of Chemistry II + Lab |

| B2: OTHER INSTITUTIONAL OPTIONS | 1/2 |

| D2: MATH, SCIENCE, AND QUANTITATIVE TECHNOLOGY | 3/4 |

**Milestones:**
- Complete ENGL 1102, CHEM 1212/1212L with C or better
- CHEM 1212/1212L (grade of B or better required to enroll in CHEM 2411/2411L)
- D2: MATH 1401 or 1634

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### TERM 1

| F: BIOL 2107 + LAB | 4 |
| Prin. of Biology I: For BIOL majors + Lab |

| CHEM 2411 OR 2455 + LAB | 4 |
| Organic Chemistry I or Principles of Organic Chemistry + Lab section |

**Milestones:**
- Complete BIOL 2107/2107L C or better
- Complete CHEM 2411 / 2411L C or better
- CHEM 2411/2411L: Required to enroll in CHEM 3422/3422L

**Options:**
- B1, C, OR E

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### TERM 2

| F: BIOL 2108 + LAB | 4 |
| Prin. of Biology II: For BIOL majors + Lab |

| CHEM 3422 + CHEM 3422L | 4 |
| Organic Chemistry II Lab + Lab section |

**Milestones:**
- Complete BIOL 2108 / 2108L C or better
- CHEM 3422: Take if a graduate or professional school requirement

**Options:**
- B1, C, OR E

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**16 FALL CREDIT HOURS + 14/15 SPRING CREDIT HOURS = 30/31 CREDIT HOURS**

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**14 FALL CREDIT HOURS + 14 SPRING CREDIT HOURS = 28 CREDIT HOURS**
### Year 3

#### Term 1

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<tr>
<td>BIOL Course</td>
<td>3/4</td>
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<tr>
<td>D1: SCIENCE + LAB</td>
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**Milestones:**
- Complete 19-20 of 39 h 3000-4000 requirement
- Complete 4 of 8 courses required for BIOL major
- D1 is PHYS 1112+L for pre-professional (may subs PHYS 2211+L with pre-req MATH 1634)

#### Term 2

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<td>D1 OR ELECTIVE</td>
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<td>B1, C, OR E</td>
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<tr>
<td>ELECTIVE</td>
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**Milestones:**
- Complete 30-32 of 39 h 3000-4000 requirement
- Complete 6 of 8 courses required for BIOL major
- Complete 1 of 2 DSW requirements

**15/16 Fall Credit Hours + 15/16 Spring Credit Hours = 30/32 Credit Hours**

### Year 4

#### Term 1

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**Milestones:**
- Complete 39 of 39 h 3000-4000 requirement
- Complete 8 of 8 courses required for BIOL major
- Complete 2 of 2 DSW requirements

#### Term 2

<table>
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**Milestones:**
- Complete 30-32 of 39 h 3000-4000 requirement
- Complete 6 of 8 courses required for BIOL major
- Complete 1 of 2 DSW requirements

**14/16 Fall Credit Hours + 14/15 Spring Credit Hours = 28/31 Credit Hours**

**Key**
- Color: Core Area and Credit Hours
- Color: Elective Course
- Color: Biology Course
A1 Communication Skills
A2 Quantitative Skills
B1 Written and Oral Communications
B2 Other Institutional Options
C1 Fine Arts
C2 Humanities
D1 Natural Science
D2 Mathematics, Science, and Quantitative Technology
E1 World History
E2 American/Georgia History
E3 American/Georgia Government
E4 Social Science
F Major Courses
### Ready

**First Year**
- Become familiar with the Library, Momentum Center, and Student Support Services that are available
- Take A-1, Chemistry (CHEM 1211/121L and CHEM 1212/122L), and Biology (2107/2107L, and BIOL 2108/2108L) Core Courses and BIOL 1110
- Attend your First Semester Advising Appointment and meet with your Academic Advisor and Biology Mentor
- Make an Academic Plan

**Middle Years**
- Complete Core Area F in sophomore year
- Complete BIOL 3134, BIOL 3135 or 3234 and BIOL 3310 in sophomore year
- Establish your academic and undergraduate research concentration and certificate options
- Take required courses as they are offered
- Finish Core A-D
- Stay connected with your Academic Advisor and Faculty Mentor and review your degree requirements to determine if you are on track to graduate

**Last Year**
- Complete your research/internships
- Present your research at a research conference
- Finish your degree requirements
- Take BIOL 4984 (Senior Seminar)

### Set

- Meet Biology Faculty and learn about their research, and scholarship opportunities
- Join a discipline-specific club (Biology Club, Pre-Veterinary Medicine Club, Wildlife Club or Emerging Health Leaders)
- Connect with other Biology Majors

- Explore Internship and Faculty-Mentored Research opportunities in your sophomore and junior years
- Volunteer for a leadership position in a biology club
- Become an active participant and volunteer in the classroom, lab, field trips, and STEM outreach
- Attend a scientific conference
- Get involved in other clubs and professional societies related to your interests

### Go

- Become a Biology Ambassador.
- Expand your professional network.
- Apply for internships in local industries/agencies or apply to graduate programs.
- Attend career fairs

- Send your resume to one of our alumni
- Complete a self-assessment to see what careers and majors are right for you
- Visit Career Services
- Do an internship or study abroad
- Take some electives that fall outside your area or study
- Explore diversity and inclusion issues in your research and/or internship

- Ask for advice from professionals in your field of interest
- Explore career shadowing opportunities

- Explore a farmer’s market for fresh produce
- Develop a post-graduation exercise plan
- Explore your loan repayment options

### Crush Your Coursework

- Explore diversity, equity, and inclusion resources and opportunities across campus
- Learn to pay attention to and respect differing viewpoints and experiences in class
- Participate in an academic, cultural or social activity/event

- Take part in or help organize an implicit bias workshop
- Dig deeper into study abroad opportunities
- Learn a new language
- Take part in cultural offerings on campus

### Find Your Place

- Visit Wolves Vote to learn about the voting process and registration
- Consider volunteering for a campaign or organization in your community

- Do volunteer work in your field
- Ask your department about networking opportunities with alumni
- Attend career fairs and events
- Attend UWG sponsored events off-campus

### Broaden Your Perspectives

- Visit the UWG Wellness Hub to find all the resources available to you!
- Visit Health Services
- Get fit! Visit URec to see all your options.
- Visit the Center for Economic and Financial Literacy

- Take a fitness class, climb the rock wall, or join an intramural team
- Consider whether counseling is right for you: take a mental health screening

### Connect Off-Campus

- Explore career shadowing opportunities

### Take Care of Yourself

- Complete a self-assessment to see what careers and majors are right for you
- Visit Career Services
- Create your profile on Handshake
- Consider applying for an on-campus job

- Visit Career Services and attend a ‘resume-building’ workshop
- Draft your resume and attend an interview workshop with Career Services
- Learn about how to network on social media and update your Handshake profile
- Draft your personal statement
- Visit the graduate school to find out about graduate programs and admission requirements
- Apply for Scholarships through the Scholarship Portal

### Pave Your Path

- Register for and complete standardized exams (e.g., MCAT, GRE, etc.) for professional and graduate school applications
- Request references from professors and supervisors
- Draft your resume cover letter and personal statement and revise it with Career Services
- Attend business fairs and career fairs at UWG and across the state
- Participate in a ‘mock’ / practice interview
- Apply for professional or graduate programs and/or career opportunities