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.
### Year 1

#### Term 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1: ENGL 1101</td>
<td>3</td>
</tr>
<tr>
<td>A2: MATH 1113</td>
<td>4</td>
</tr>
<tr>
<td>XIDS 2002</td>
<td>2</td>
</tr>
<tr>
<td>BIOL 1110</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1211 + CHEM 1211L</td>
<td>4</td>
</tr>
</tbody>
</table>

**Milestones:**
- Complete ENGL 1102 with C or better
- Complete MATH 1113 C or better

#### Term 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>A1: ENGL 1102</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1110</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1211 + CHEM 1211L</td>
<td>4</td>
</tr>
<tr>
<td>BI, C, or E</td>
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</tr>
</tbody>
</table>

**Milestones:**
- Complete ENGL 1102 C or better
- Complete CHEM 1211/1211L C or better

### Year 2

#### Term 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>F: BIOL 2107 + Lab</td>
<td>4</td>
</tr>
<tr>
<td>F: CHEM 1212 + CHEM 1212L</td>
<td>4</td>
</tr>
</tbody>
</table>

**Milestones:**
- Complete BIOL 2107/2107L C or better
- Complete CHEM 1212/1212L C or better (grade of B or better required in order to enroll in CHEM 2411/2411L)

#### Term 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>F: BIOL 2108 + Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 2411 or 2455 + Lab</td>
<td>4</td>
</tr>
<tr>
<td>BI, C, or E</td>
<td>3</td>
</tr>
</tbody>
</table>

**Milestones:**
- Complete BIOL 2108/2108L C or better
- Complete CHEM 2411/2411L C or better
- CHEM 2411/2411L: Required to enroll in CHEM 3422/3422L

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**Total Credits:**
- 15 Fall Credit Hours + 15 Spring Credit Hours = 30 Credit Hours
- 14 Fall Credit Hours + 14 Spring Credit Hours = 28 Credit Hours
### Year 3

#### Term 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL Course (3000-4000 level)</td>
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</tr>
<tr>
<td>BIOL Course (3000-4000 level)</td>
<td>3/4</td>
</tr>
<tr>
<td>D1: SCIENCE + LAB</td>
<td>4</td>
</tr>
<tr>
<td>Non-Science Major Option</td>
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</tr>
<tr>
<td>D2: MATH, SCIENCE, AND QUANTITATIVE TECHNOLOGY</td>
<td>3</td>
</tr>
<tr>
<td>ELECTIVE</td>
<td>0/3</td>
</tr>
</tbody>
</table>

**Milestones:**
- Complete 19-20 of 39 h 3000-4000 requirement
- Complete 4 of 8 courses required for BIOL major
- Take CHEM 3411/3411L as one of the BIOL requirements (if a graduate or professional school required)

### Term 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL Course (3000-4000 level)</td>
<td>3/4</td>
</tr>
<tr>
<td>ELECTIVE</td>
<td>3/4</td>
</tr>
<tr>
<td>D1: SCIENCE + LAB</td>
<td>4</td>
</tr>
<tr>
<td>Non-Science Major Option</td>
<td></td>
</tr>
<tr>
<td>ELECTIVE</td>
<td>0/3</td>
</tr>
</tbody>
</table>

**Milestones:**
- Complete 7-8 of 39 h 3000-4000 requirement
- Complete 2 of 8 courses required for BIOL major
- Complete core requirements

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

### Year 4

#### Term 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL Course (3000-4000 level)</td>
<td>3/4</td>
</tr>
<tr>
<td>BIOL Course (3000-4000 level)</td>
<td>3/4</td>
</tr>
<tr>
<td>BIOL Course (3000-4000 level)</td>
<td>3/4</td>
</tr>
<tr>
<td>ELECTIVE</td>
<td>3</td>
</tr>
<tr>
<td>ELECTIVE</td>
<td>0/3</td>
</tr>
</tbody>
</table>

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

### Term 2

<table>
<thead>
<tr>
<th>Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 4984 (Senior Biology Seminar)</td>
<td>1</td>
</tr>
<tr>
<td>BIOL Course (3000-4000 level)</td>
<td>3</td>
</tr>
<tr>
<td>ELECTIVE</td>
<td>3/4</td>
</tr>
<tr>
<td>ELECTIVE</td>
<td>3</td>
</tr>
<tr>
<td>ELECTIVE</td>
<td>3/4</td>
</tr>
</tbody>
</table>

**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
CORE CURRICULUM

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 1211/1211L and CHEM 1212/1212L), 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

**SET**

**MIDDLE YEARS**
- Complete Core Area F in sophomore year
- Complete BIOL 3134, BIOL 3135 or 3235 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

**GO**

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

**FIND YOUR PLACE**

**FIRST YEAR**
- 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

**SET**

**MIDDLE YEARS**
- 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**

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

**BROADEN YOUR PERSPECTIVES**

**FIRST YEAR**
- 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

**SET**

**MIDDLE YEARS**
- 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

**GO**

**LAST YEAR**
- 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

**CONNECT OFF-CAMPUS**

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

**SET**

**MIDDLE YEARS**
- 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

**GO**

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

**TAKE CARE OF YOURSELF**

**FIRST YEAR**
- 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

**SET**

**MIDDLE YEARS**
- 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

**GO**

**LAST YEAR**
- Explore a farmer’s market for fresh produce
- Develop a post-graduation exercise plan
- Attend UWG sponsored events off-campus
- Ask for advice from professionals in your field of interest
- Explore career shadowing opportunities

**PAVE YOUR PATH**

**FIRST YEAR**
- 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

**SET**

**MIDDLE YEARS**
- 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

**GO**

**LAST YEAR**
- 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
CAREERS

WHERE CAN YOU GO WITH THIS DEGREE?

AGRICULTURAL/FOOD SCIENTIST
BIOCHEMIST
BIOLOGICAL TECHNICIAN
BIOLOGY TEACHER
CONSERVATION BIOLOGIST
ENVIRONMENTAL SCIENTIST
GENETICIST
MARINE BIOLOGIST
MICROBIOLOGIST
WILDLIFE BIOLOGIST