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 Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1101</td>
<td>English Composition I</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1113</td>
<td>Precalculus</td>
<td>4</td>
</tr>
<tr>
<td>XIDS 2002</td>
<td>First Year Seminar</td>
<td>2</td>
</tr>
<tr>
<td>B1, C, OR E</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>B1, C, OR E</td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

**MILESTONES:**
- Complete ENGL 1101 with C or better
- Complete MATH 1113 C or better

#### TERM 2

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 1110</td>
<td>Biological Diversity</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1211 + CHEM 1211L</td>
<td>Principles of Chemistry I + Lab</td>
<td>4</td>
</tr>
<tr>
<td>B2: OTHER INSTITUTIONAL OPTIONS</td>
<td></td>
<td>2</td>
</tr>
<tr>
<td>B1, C, OR E</td>
<td></td>
<td>3</td>
</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 Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2107 + LAB</td>
<td>Prin. of Biology I: For BIOL majors + Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1212 + CHEM 1212L</td>
<td>Principles of Chemistry II + Lab</td>
<td>4</td>
</tr>
<tr>
<td>B1, C, OR E</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>B1, C, OR E</td>
<td></td>
<td>3</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 Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 2108 + LAB</td>
<td>Prin. of Biology II: For BIOL majors + Lab</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 2411 OR 2455 + LAB</td>
<td>Organic Chemistry I or Principles of Organic Chemistry + Lab section (CHEM 2411L or 2455L)</td>
<td>4</td>
</tr>
<tr>
<td>B1, C, OR E</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>B1, C, OR E</td>
<td></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

15 FALL CREDIT HOURS + 15 SPRING CREDIT HOURS = 30 CREDIT HOURS

14 FALL CREDIT HOURS + 14 SPRING CREDIT HOURS = 28 CREDIT HOURS
**TERM 1**

**Biol Course**
3000-4000 level Biol course

**Biol Course**
3000-4000 level Biol course

**D1: Science + Lab**
Non-Science Major Option

**D2: Math, Science, and Quantitative Technology**

**Elective**

**Milestones:**
- Complete 7-8 of 39 h 3000-4000 requirement
- Complete 2 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**

**Biol Course**
3000-4000 level Biol course

**Elective**

**Milestones:**
- Complete 7-8 of 39 h 3000-4000 requirement
- Complete 4 of 8 courses required for Biol major
- Complete core requirements

**TERM 1**

**Biol Course**
3000-4000 level Biol course

**Biol Course**
3000-4000 level Biol course

**Biol Course**
3000-4000 level Biol course

**Elective**

**Elective**

**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

**TERM 2**

**Biol 4984**
Senior Biology Seminar

**Biol Course**
3000-4000 level Biol course

**Elective**

**Elective**

**Milestones:**
- Complete 3 of 39 h 3000-4000 requirement
- Complete 8 of 8 courses required for Biol major
- Complete 2 of 2 DSW requirements

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

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

Key:
- Lighter: Core Area and Credit Hours
- Lighter: Elective Course
- Lighter: Biology Course
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 (B107/2107L, and B108/2108L) 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
- 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

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

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

### Go
- 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

### 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
- 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
- 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