ABOUT THE MAJOR

The mission of the B.S. Degree in Biology at the University of West Georgia is to provide undergraduate students the knowledge and training necessary to pursue advanced graduate education, professional studies, or employment. In pursuit of this mission, the Biology Program offers a B.S. Degree Program via a general track, a professional preparation track or secondary education track. The general track is for students who plan to continue their education in graduate programs in the biological sciences or for those who wish to enter the biological sciences job market upon completion of the undergraduate degree. This track offers the greatest flexibility in selecting major courses, thus allowing students who wish to specialize in an area of biology to better prepare for graduate studies in that sub-discipline.

ABOUT THIS MAP

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. Use this map to help plan and guide your experience at UWG, including academic, co-curricular, and discovery opportunities. Everyone’s experience is different and activities in this map are suggestions. Always consult with your advisors whenever possible for new opportunities and updates.

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

ADD A CERTIFICATE

- Forensic Science
- Microbiology
- Stream Restoration
- Wildlife Ecology

Visit westga.edu/program-maps for the latest version of this major map.

VISIT WOLFWATCH FOR MORE INFORMATION.

HAVE A QUESTION? CHECK IN WITH YOUR ADVISOR!
<table>
<thead>
<tr>
<th>YEAR 1</th>
<th>TERM 1: FALL</th>
<th>TERM 2: SPRING</th>
</tr>
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<tbody>
<tr>
<td>A1: ENGL 1101</td>
<td>F: BIOL 2107 + LAB</td>
<td>A1: ENGL 1102</td>
</tr>
<tr>
<td>English Composition I</td>
<td>Principles of Biology I For BIOL majors + Lab</td>
<td>English Composition II</td>
</tr>
<tr>
<td>A2: MATH 1113</td>
<td>BIOL 1212 + LAB</td>
<td>B1, C, OR E</td>
</tr>
<tr>
<td>Precalculus</td>
<td>Principles of Chemistry II + Lab</td>
<td>B1, C, OR E</td>
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<tr>
<td>XIDS 2002</td>
<td>CHEM 1212/1212L</td>
<td>Term 1: FALL</td>
</tr>
<tr>
<td>First-Year Seminar</td>
<td>Term 2: SPRING</td>
<td>Connect Off-campus</td>
</tr>
<tr>
<td>B1, C, OR E</td>
<td>MILESTONES:</td>
<td>Take part in or host organize an implicit bias workshop.</td>
</tr>
<tr>
<td>B1, C, OR E</td>
<td>• Complete Core Area A in sophomore year.</td>
<td>• Do volunteer work in your field.</td>
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<tr>
<td>F: BIOL 1101 + LAB</td>
<td>• Complete BIOL 2107/2107L, with C or better</td>
<td>• Ask your department about networking opportunities with alumni.</td>
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<tr>
<td>Principles of Chemistry I + Lab</td>
<td>• Complete ENGL 1102 with C or better</td>
<td>• Attend career fairs and events.</td>
</tr>
<tr>
<td>F: BIOL 1212/1212L, and Biology (2037/2037), and BIOL 2106/2106L: Core Courses and BIOL 1110.</td>
<td>• Complete CHEM 1212/1212L, with C or better (grade of B or better required in order to enroll in CHEM 2411L).</td>
<td>• Attend UWG sponsored events off-campus.</td>
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<tr>
<td>• Attend your First Semester Advising Appointment and meet with your Academic Advisor and Biology Mentor.</td>
<td>• Explore Internship and Faculty-Mentored Research opportunities in your sophomore and junior years.</td>
<td>• Take a fitness class, climb the rock wall, or join an intramural team.</td>
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<tr>
<td>• Make an Academic Plan.</td>
<td>• Volunteer for a leadership position in a biology club.</td>
<td>• Consider whether counseling is right for you take a mental health screening.</td>
</tr>
<tr>
<td>Complete ENGL 1102 with C or better.</td>
<td>• Become an active participant and volunteer in the classroom, lab, field trips, and STEM outreach.</td>
<td>• Complete ENGL 1102 with C or better.</td>
</tr>
<tr>
<td>Connect with other Biology Majors.</td>
<td>• Attend a scientific conference.</td>
<td>• Complete ENGL 1102 with C or better.</td>
</tr>
<tr>
<td>B1: MATH 1113</td>
<td>• Attend a scientific conference.</td>
<td>• Complete ENGL 1102 with C or better.</td>
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<td>Principles of Chemistry I + Lab</td>
<td>• Attend a scientific conference.</td>
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### PAVE YOUR PATH

**TERM 1: FALL**

- Complete a self-assessment to see what careers and majors are right for you.
- Visit Office of Career and Graduate School Connections.
- Create your profile on Handshake.
- Consider applying for an off-campus job.

**TERM 2: SPRING**

- Complete a self-assessment to see what careers and majors are right for you.
- Visit Office of Career and Graduate School Connections.
- Create your profile on Handshake.
- Consider applying for an off-campus job.

- 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.
- 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 program and admission requirements.
- Apply for Scholarships through the Scholarship Portal.
TERM 1: FALL

Biol course
3000-4000 level Biol course
3/4 credit hours

Biol course
3000-4000 level Biol course
3/4 credit hours

D1: science + lab
Non-Science Major Option
4 credit hours

D2: math, science, and technology
Elective
3 credit hours

MILESTONES:
• Complete Core Area F in sophomore year.
• Complete Biol 3134, Biol 3135, or 3234 and Biol 3110 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.

TERM 2: SPRING

Biol course
3000-4000 level Biol course
3/4 credit hours

Biol course
3000-4000 level Biol course
3/4 credit hours

Elective
3/4 credit hours

D1: science + lab
Non-Science Major Option
4 credit hours

Elective
0/3 credit hours

MILESTONES:
• Complete 7-8 of 39 H 3000-4000 Requirement
• Complete 2 of 8 courses required for Biol major
• Take Chem 2411/2411L as one of the Biol requirements (if a graduate or professional school required)

TERM 3

TERM 4

Biol course
3000-4000 level Biol course
3/4 credit hours

Biol course
3000-4000 level Biol course
3/4 credit hours

Biol course
3000-4000 level Biol course
3/4 credit hours

Elective
3 credit hours

Elective
0/3 credit hours

Elective
3 credit hours

Elective
3 credit hours

Complete 8 of 8 courses required for Biol major
• Complete 1 of 2 DSW requirements

Biol 4984
Senior Biology Seminar
1 credit hour

Elective
3 credit hours

Elective
3 credit hours

Elective
3 credit hours

MILESTONES:
• Complete 30-32 of 39 H 3000-4000 requirement
• Complete 6 of 6 courses required for Biol major
• Complete 1 of 2 DSW requirements

CRUSH YOUR COURSEWORK
• 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.

FIND YOUR PLACE
• 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.

BROADEN YOUR PERSPECTIVES
• 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.

CONNECT OFF-CAMPUS
• Take a fitness class, climb the rock wall, or join an intramural team.
• Consider whether counseling is right for you take a mental health assessment.

TAKE CARE OF YOURSELF
• 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 admissions requirements.
• Apply for Scholarships through the Scholarship Portal.

PAVE YOUR PATH
• Complete your research/Internships.
• Present your research at a research conference.
• Finish your degree requirements.
• Take Biol 4984 (Senior Seminar).

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

FIND YOUR PLACE
• 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 of study.
• Explore diversity and inclusion issues in your research and/or internship.

BROADEN YOUR PERSPECTIVES
• Ask for advice from professionals in your field of interest.
• Explore career shadowing opportunities.

CONNECT OFF-CAMPUS
• Explore a farmer’s market for fresh produce.
• Develop a post-graduation exercise plan.
• Explore your loan repayment options and complete your exit counseling.

TAKE CARE OF YOURSELF
• 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 review 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.

PAVE YOUR PATH
• 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