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

60
CORE CREDIT HOURS

40
MAJOR CREDIT HOURS

20
ELECTIVE CREDIT HOURS

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!
### YEAR 1

**TERM 1: FALL**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
</tr>
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<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>CHEM 1211 + LAB</td>
<td>Principles of Chemistry I + Lab</td>
<td>4</td>
</tr>
<tr>
<td>ORAL COMMUNICATIONS</td>
<td>3</td>
<td></td>
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</tbody>
</table>

**MILESTONES:**
- Complete ENGL 1101; REQUIRED TO EARN C OR HIGHER.
- Complete MATH 1113; REQUIRED TO EARN C OR HIGHER.
- Complete CHEM 1211/1211L; REQUIRED TO EARN C OR HIGHER.

**TERM 2: SPRING**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
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<tr>
<td>BIOL 1110</td>
<td>Biological Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHEM 1212 + LAB</td>
<td>Principles of Chemistry II + Lab</td>
<td>4</td>
</tr>
<tr>
<td>MATH 1401 OR 1634</td>
<td>Elementary Statistics or Calculus</td>
<td>3/4</td>
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<tr>
<td>BIO 1110</td>
<td>Principles of Biology I</td>
<td>3</td>
</tr>
</tbody>
</table>

**MILESTONES:**
- Complete ENGL 1102; REQUIRED TO EARN C OR HIGHER.
- Complete BIOL 1110; REQUIRED TO EARN C OR HIGHER.
- Complete CHEM 1212/1212L; REQUIRED TO EARN C OR HIGHER.
- Complete MATH 1401/1634; REQUIRED TO EARN C OR HIGHER.

**TERM 1: SPRING**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>BIOL 2107 + LAB</td>
<td>Principles of Biology I + Lab</td>
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<tr>
<td>CHEM 2411 OR 2455 + LAB</td>
<td>Organic Chemistry I + Lab or Principles of Organic Chemistry + Lab section</td>
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<tr>
<td>ENGL 1102</td>
<td>English Composition II</td>
<td>3</td>
</tr>
<tr>
<td>XIDS 2002</td>
<td>First-Year Seminar</td>
<td>2</td>
</tr>
<tr>
<td>MATH 1113</td>
<td>Precalculus</td>
<td>4</td>
</tr>
</tbody>
</table>

**MILESTONES:**
- Complete BIOL 2107/2107L; REQUIRED TO EARN C OR HIGHER.
- Complete CHEM 2411/2411L; REQUIRED TO EARN C OR HIGHER.
- Complete ENGL 1102; REQUIRED TO EARN C OR HIGHER.

**TERM 2: SPRING**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
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</thead>
<tbody>
<tr>
<td>BIOL 2108 + LAB</td>
<td>Principles of Biology II + Lab</td>
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<tr>
<td>CHEM 3422 + LAB</td>
<td>Organic Chemistry II + Lab section</td>
<td>4</td>
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</tbody>
</table>

**MILESTONES:**
- Take Chemistry (CHEM 1211/1211L or CHEM 2411/2411L)
- Take required courses as they are offered.
- Complete Core IMPACTS Courses and BIOL 1110.
- Attend your First Semester Advising Appointment and meet with your Academic Advisor and Biology Mentor.

**CRUSH YOUR COURSEWORK**

- Complete the Credit hours requirement.
- Take the necessary courses to meet the credit hours requirement.

**CAREER OPPORTUNITIES**

- Explore internships and research opportunities.
- Apply for on-campus or off-campus research opportunities.
- Attend career fairs and events.
- Visit the Center for Economic Education and Financial Literacy.

**TAKING CARE OF YOURSELF**

- Visit Health Services.
- Complete a self-assessment to see what careers and majors are right for you.
- Register for the Student Health Center.
- Complete a self-assessment to see what careers and majors are right for you.

**TAKING CARE OF YOURSELF**

- Complete the Credit hours requirement.
- Attend career fairs and events.
- Visit Health Services.
- Complete a self-assessment to see what careers and majors are right for you.

**CRUSH YOUR COURSEWORK**

- Complete the Credit hours requirement.
- Attend career fairs and events.
- Visit Health Services.
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**TAKING CARE OF YOURSELF**

- Complete the Credit hours requirement.
- Attend career fairs and events.
- Visit Health Services.
- Complete a self-assessment to see what careers and majors are right for you.
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

T1: SCIENCE + LAB
Non-Science Major Option
4 CREDIT HOURS

P: CITIZENSHIP
ELECTIVE
3 CREDIT HOURS

MILESTONES:
• COMPLETE 7-8 OF 39 H 3000/4000 REQUIREMENT
• COMPLETE 2 OF 6 COURSES REQUIRED FOR BIOLOGY MAJOR
• T1 IS PHYS 1111+1111L FOR PRE-PROFESSIONAL (MAY SUBSTITUTE PHYS 2211+2211L WITH PREREQUISITE OF MATH 1634)

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

T2 OR ELECTIVE
3000-4000 level course for Elective
3 CREDIT HOURS

S: SOCIAL SCIENCE
ELECTIVE
3 CREDIT HOURS

MILESTONES:
• COMPLETE 19-20 OF 39 H 3000/4000 REQUIREMENT.
• COMPLETE 4 OF 8 COURSES REQUIRED FOR BIOLOGY MAJOR
• COMPLETE CORE REQUIREMENTS
• T2 IS PHYS 1112+1112L FOR PRE-PROFESSIONAL (MAY SUBSTITUTE PHYS 2212+2212L WITH PREREQUISITE OF PHYS 2211+2211L)

YEAR 4

TERM 1: FALL

BIOL 4503
Biological Perspectives: Biochemistry
3 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

MILESTONES:
• COMPLETE 30-32 OF 39 H 3000/4000 REQUIREMENT
• COMPLETE 6 OF 8 COURSES REQUIRED FOR BIOLOGY MAJOR
• COMPLETE 1 OF 2 DSW REQUIREMENTS
• STUDENTS IN THE ABM PROGRAM WILL TAKE BIOL 6503 IN PLACE OF BIOL 4503

TERM 2: SPRING

BIOL 4984
Senior Biology Seminar
1 CREDIT HOUR

BIOL 4983
Advanced Undergraduate Biology Research
3 CREDIT HOURS

ELECTIVE
3 CREDIT HOURS

ELECTIVE
3 CREDIT HOURS

MILESTONES:
• COMPLETE 39 OF 39 H 3000/4000 REQUIREMENT
• COMPLETE 6 OF 8 COURSES REQUIRED FOR BIOLOGY MAJOR
• COMPLETE 2 OF 2 DSW REQUIREMENTS
• STUDENTS IN THE ABM PROGRAM WILL TAKE BIOL 6983 IN PLACE OF BIOL 4983

PAVE YOUR PATH

15/16 FALL CREDIT HOURS + 15/16 SPRING CREDIT HOURS = 30/32 CREDIT HOURS

PAVE YOUR PATH

14/16 FALL CREDIT HOURS + 14/15 SPRING CREDIT HOURS = 28/31 CREDIT HOURS

PAVE YOUR PATH

15/16 FALL CREDIT HOURS + 15/16 SPRING CREDIT HOURS = 30/32 CREDIT HOURS