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.
TERM 1: FALL

C1: ENGL 1101
3 CREDIT HOURS
English Composition I

M: MATH 1113
4 CREDIT HOURS
Precalculus

XIDS 2002
2 CREDIT HOURS
First-Year Seminar

1: ORAL COMMUNICATIONS
3 CREDIT HOURS

A: HUMANITIES
3 CREDIT HOURS

MILESTONES:
• COMPLETE ENGL 1101 WITH C OR BETTER
• COMPLETE MATH 1113 WITH C OR BETTER

TERM 2: SPRING

C2: ENGL 1102
3 CREDIT HOURS
English Composition II

BIOL 1110
3 CREDIT HOURS
Biological Chemistry

F: CHEM 1211 + LAB
4 CREDIT HOURS
Principles of Chemistry I + Lab

A: HUMANITIES
3 CREDIT HOURS

I2: INSTITUTIONAL OPTIONS
2 CREDIT HOURS

MILESTONES:
• COMPLETE ENGL 1102 WITH C OR BETTER
• COMPLETE CHEM 1211/1211L WITH C OR BETTER

CRUSH YOUR COURSEWORK

• Become familiar with the Library, Momentum Center, and Student Support Services that are available.
• Take Chemistry (CHEM 1211/1211L and CHEM 1212/1212L), and Biology (2107/2107L, and BIOL 2108/2108L) Core IMPACTS Courses and BIOL 1100.
• Attend your First Semester Advising Appointment and meet with your Academic Advisor and Biology Mentor.
• Make an Academic Plan.

FIND YOUR PLACE

• 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 Leaders).
• Connect with other Biology Majors.

BROADEN YOUR PERSPECTIVES

• 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.

CONNECT OFF-CAMPUS

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

TAKE CARE OF YOURSELF

• 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 Education and Financial Literacy.

PAVE YOUR PATH

• 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 1: FALL

F: BIOL 2107 + LAB
Principles of Biology I + Lab

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

P: CITIZENSHIP
3 CREDIT HOURS

S: SOCIAL SCIENCE
3 CREDIT HOURS

MILESTONES:
• COMPLETE BIOL 2107/2107L, WITH C OR BETTER
• COMPLETE CHEM 1212/1212L, WITH C OR BETTER (GRADE OF B OR BETTER REQUIRED IN ORDER TO ENROLL IN CHEM 2411/2411L)

TERM 2: SPRING

F: BIOL 2108 + LAB
Principles of Biology II + Lab

F: CHEM 2411 OR 2455 + LAB
Organic Chemistry I (or Principles of Organic Chemistry) + Lab section (CHEM 2411L, or 2455L)

P: CITIZENSHIP
3 CREDIT HOURS

S: SOCIAL SCIENCE
3 CREDIT HOURS

MILESTONES:
• COMPLETE BIOL 2108/2108L WITH C OR BETTER
• COMPLETE CHEM 2411/2411L WITH C OR BETTER
• CHEM 2411/2411L: REQUIRED TO ENROLL IN CHEM 3422/3422L

TAKE CARE OF YOURSELF

• Complete Area F in sophomore year.
• Complete BIOL 2114, BIOL 3150 or 3234 and BIOL 3151B in sophomore year.
• Establish your academic and undergraduate research concentration and certificate options.
• Take required courses as they are offered.
• Finish Core IMPACTS.
• Stay connected with your Academic Advisor and Faculty Mentor and review your degree requirements to determine if you are on track to graduate.

BROADEN YOUR PERSPECTIVES

• 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.

CONNECT OFF-CAMPUS

• 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.

TAKE CARE OF YOURSELF

• 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.

PAVE YOUR PATH

• 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.
• Research and 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

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

T3: STEM COURSE
ELECTIVE
3 CREDIT HOURS

MILESTONES:
• Complete 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 IMPACTS.
• 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
3000-4000 level course
3/4 CREDIT HOURS

T2: SCIENCE + LAB
Non-Science Major Option
4 CREDIT HOURS

ELECTIVE
0/3 CREDIT HOURS

MILESTONES:
• Complete 2 of 8 courses required for BIOL major.
• Complete 1 of 2 DSW requirements.

TERM 3

COMPLETE 4 OF 8 COURSES REQUIRED FOR BIOL MAJOR
COMPLETE 20 OF 39 H 3000-4000 REQUIREMENT (IF A GRADUATE OR PROFESSIONAL SCHOOL REQUIRED)

TERM 4

COMPLETE 8 OF 8 COURSES REQUIRED FOR BIOL MAJOR
COMPLETE 39 OF 39 H 3000-4000 REQUIREMENT

YEAR 4

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

BIOL COURSE
3000-4000 level BIOL course
3/4 CREDIT HOURS

ELECTIVE
3000-4000 level course
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 BIOL major
• Complete 1 of 2 DSW requirements

TERM 2: SPRING

BIOL 4984
Senior Biology Seminar
1 CREDIT HOUR

BIOL COURSE
3000-4000 level BIOL course
3 CREDIT HOURS

ELECTIVE
3000-4000 level course
3 CREDIT HOURS

ELECTIVE
3 CREDIT HOURS

ELECTIVE
3 CREDIT HOURS

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 3

CRUSH YOUR COURSEWORK
• 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 screening.

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
• 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.

TERM 4

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.

BROADEN YOUR PERSPECTIVES
• Explore your loan repayment options and complete your exit counseling.

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 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.

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

YEAR 3

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

T2: SCIENCE + LAB
Non-Science Major Option
4 CREDIT HOURS

ELECTIVE
3 CREDIT HOURS

MILESTONES:
• Complete 7-8 of 39 H 3000-4000 requirement
• Complete 2 of 8 courses required for BIOL major.
• Complete 19-20 of 39 H 3000-4000 requirement

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
3000-4000 level course
3/4 CREDIT HOURS

ELECTIVE
0/3 CREDIT HOURS

MILESTONES:
• Complete 19-20 of 39 H 3000-4000 requirement
• Complete 4 of 8 courses required for BIOL major.
• Complete core requirements

YEAR 4

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

BIOL COURSE
3000-4000 level BIOL course
3/4 CREDIT HOURS

ELECTIVE
3000-4000 level course
3 CREDIT HOURS

ELECTIVE
0/3 CREDIT HOURS

MILESTONES:
• Complete 2 of 2 DSW requirements.
• Complete 8 of 8 courses required for BIOL major.
• Complete 39 of 39 H 3000-4000 requirement

TERM 2: SPRING

BIOL 4984
Senior Biology Seminar
1 CREDIT HOUR

BIOL COURSE
3000-4000 level BIOL course
3 CREDIT HOURS

ELECTIVE
3000-4000 level course
3 CREDIT HOURS

ELECTIVE
3 CREDIT HOURS

ELECTIVE
3 CREDIT HOURS

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 3

CRUSH YOUR COURSEWORK
• 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 screening.

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
• 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.

TERM 4

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.

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

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 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.

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