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!
TERM 1: FALL

A1: ENGL 1101 English Composition I 3 CREDIT HOURS
A2: MATH 1113 Precalculus 4 CREDIT HOURS
XIDS 2002 First-Year Seminar 2 CREDIT HOURS
F: CHEM 1211 + LAB Principles of Chemistry I + Lab 4 CREDIT HOURS
B1, C, OR E

MILESTONES:
- Complete ENG 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

A1: ENGL 1102 English Composition II 3 CREDIT HOURS
B1: CHEM 1212 + LAB Principles of Chemistry II + Lab 4 CREDIT HOURS
D2: MATH 1401 OR 1634 Elementary Statistics or Calculus 3/4 CREDIT HOURS
B2: INSTITUTIONAL OPTIONS

MILESTONES:
- Complete ENG 1102: REQUIRED TO EARN C OR HIGHER.
- Complete CHEM 1212/1212L: REQUIRED TO EARN C OR HIGHER. (GRADE OF B OR HIGHER REQUIRED IN ORDER TO ENROLL IN CHEM 2411/2411L)

CRUSH YOUR COURSEWORK

TERM 1: FALL

- Take A-1, Chemistry (CHEM 1211/1211L, and CHEM 1212/1212L, and Biology (Biol 1101, and MATH 2160/2160L) Core Courses and BIOL 1110.
- Attend your first semester Advising Appointment and meet with your Academic Advisor and Biology Mentor.
- Make an Academic Plan.

TERM 2: SPRING

- Take B-1, Chemistry (CHEM 2411/2411L) Required to enroll in CHEM 3422/3422L

FINISH YOUR PLACE

TERM 1: FALL

- 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.

TERM 2: SPRING

- Explore diversity, equity, and inclusion resources and opportunities across campus.
- Learn to pay attention to and reflect differing viewpoints and experiences in class.
- Participate in an academic, cultural or social activity/event.

BROADEN YOUR PERSPECTIVES

TERM 1: FALL

- Attend UWG sponsored events off-campus.
- Attend career fairs and events.
- Attend an implicit bias workshop.
- Attend a scientific conference.

TERM 2: SPRING

- Learn about networking opportunities with alumni.
- Complete Core Area A in sophomore year.
- Complete BIO 2108 or BIO 3134, or BIO 3150 or 3156, or BIO 3158 in sophomore year.
- Establish your academic and undergraduate research concentration and certificate options.

CONNECT OFF-CAMPUS

TERM 1: FALL

- Take 4 credits of OFF-CAMPUS coursework.
- Complete an off-campus internship or volunteer project.

TERM 2: SPRING

- Complete an off-campus internship or volunteer project.
- 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 on-campus job.

TAKE CARE OF YOURSELF

TERM 1: FALL

- Take A-1, Chemistry (CHEM 1211/1211L, and CHEM 1212/1212L, and Biology (Biol 1101, and MATH 2160/2160L) Core Courses and BIOL 1110.
- Attend your first semester Advising Appointment and meet with your Academic Advisor and Biology Mentor.
- Make an Academic Plan.

TERM 2: SPRING

- Attend the UWG Wellness Hub to find all the resources available to you!
- Visit Health Services.
- Get a Health Article to see all your options.
- Visit the Center for Economic Education and Financial Literacy.

PAVE YOUR PATH

TERM 1: FALL

- Complete an academic plan.

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 on-campus job.

YEAR 1

16 FALL CREDIT HOURS + 14/15 SPRING CREDIT HOURS = 30/31 CREDIT HOURS

YEAR 2

14 FALL CREDIT HOURS + 14 SPRING CREDIT HOURS = 28 CREDIT HOURS
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
3/4 CREDIT HOURS

B1, C, OR E
ELECTIVE
3/4 CREDIT HOURS

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

D1 OR ELECTIVE
3000-4000 level course for Elective
3/4 CREDIT HOURS

B1, C, OR E
ELECTIVE
3/4 CREDIT HOURS

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

TERM 2: SPRING

BIOL 4984
Senior Biology Seminar
1 CREDIT HOUR

BIOL 4983
Advanced Undergraduate Biology Research
3 CREDIT HOURS

ELECTIVE
3/4 CREDIT HOURS

TERM 1: FALL

TERM 2: SPRING

BIO 2211+2211L
COMPLETE CORE REQUIREMENTS

MAJOR
COMPLETE 4 OF 8 COURSES REQUIRED FOR BIOLOGY
COMPLETE 19-20 OF 39 H 3000/4000 REQUIREMENT

TERMS 1: FALL

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 CREDIT HOURS

ELECTIVE
3/4 CREDIT HOURS

BIO 1111+1111L FOR PRE-PROFESSIONAL (MAY COMPLETE 2 OF 8 COURSES REQUIRED FOR BIOLOGY COMPLETE 7-8 OF 39 H 3000/4000 REQUIREMENT)

BIO 1634

D1 IS PHYS 1111+1111L FOR PRE-PROFESSIONAL (MAY COMPLETE 2 OF 8 COURSES REQUIRED FOR BIOLOGY COMPLETE 7-8 OF 39 H 3000/4000 REQUIREMENT)

BIO 3134, BIO 3135 or 3234 and BIO 2111

TERM 1: FALL

TERM 2: SPRING

BIO 4983
Advanced Undergraduate Biology Research
3 CREDIT HOURS

BIO 4503
Biological Perspectives: Biochemistry
3 CREDIT HOURS

ELECTIVE
3 CREDIT HOURS

ELECTIVE
3/4 CREDIT HOURS

BIO 6503 IN PLACE OF BIO 4983

TERM 1: FALL

TERM 2: SPRING

Complete Core Area F in sophomore year.
Complete BIOL 3134, BIO 3135 or 3234 and BIOL 3111 in sophomore year.
Establish your academic and undergraduate research concentration and certification options.
Take required courses as they are offered.
Finish Core A+B.
Stay connected with your Academic Advisor and Faculty Mentor and review your degree requirements to determine if you are on track to graduate.

BIO 1111+1111L FOR PRE-PROFESSIONAL (MAY COMPLETE 2 OF 8 COURSES REQUIRED FOR BIOLOGY COMPLETE 7-8 OF 39 H 3000/4000 REQUIREMENT)

BIO 1634

D1 IS PHYS 1111+1111L FOR PRE-PROFESSIONAL (MAY COMPLETE 2 OF 8 COURSES REQUIRED FOR BIOLOGY COMPLETE 7-8 OF 39 H 3000/4000 REQUIREMENT)

BIO 3134, BIO 3135 or 3234 and BIOL 2111

TERM 1: FALL

TERM 2: SPRING

Complete Core Area F in sophomore year.
Complete BIOL 3134, BIO 3135 or 3234 and BIOL 3111 in sophomore year.
Establish your academic and undergraduate research concentration and certification options.
Take required courses as they are offered.
Finish Core A+B.
Stay connected with your Academic Advisor and Faculty Mentor and review your degree requirements to determine if you are on track to graduate.

BIO 1111+1111L FOR PRE-PROFESSIONAL (MAY COMPLETE 2 OF 8 COURSES REQUIRED FOR BIOLOGY COMPLETE 7-8 OF 39 H 3000/4000 REQUIREMENT)

BIO 1634

D1 IS PHYS 1111+1111L FOR PRE-PROFESSIONAL (MAY COMPLETE 2 OF 8 COURSES REQUIRED FOR BIOLOGY COMPLETE 7-8 OF 39 H 3000/4000 REQUIREMENT)