ABOUT THE MAJOR
The Bachelor of Interdisciplinary Studies is an inquiry-centered degree for students who want to engage in extended study of a complex problem— one with multiple dimensions or interacting parts that cannot be adequately addressed fully within the confines of a single discipline (field of study). For example, a comprehensive answer to the question, “Can democracy work at a global scale?”, would need to combine insights from a mix of disciplines, such as political science, sociology, mass communications, psychology, geography, economics, philosophy, history, and literature. Addressing complex problems necessitates: depth of knowledge in multiple academic fields, intellectual boundary-crossing in search of ideas, concepts, and techniques, and integration of these to produce a comprehensive solution or understanding. Thus, the BIS offers an academic pathway for students who want to work both within and across multiple academic disciplines while systematically developing the techniques and tools of interdisciplinary inquiry and problem-solving.

ABOUT THIS MAP
The Four-Year Plan is designed only as a guide. It does not guarantee: 1) that all courses listed will be offered during a given semester, or 2) if they are offered that the scheduling will not conflict. Estimated time of completion is based on 15 hour semesters, with no summer classes. A change in hours or courses taken during the summer will either reduce (taking 18 hrs or summers) or extend (taking less than 15 hrs) the time needed. 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?
- Analytical Chemist
- Biomedical Engineer
- CAD Technician
- Design Engineer
- Geotechnical Engineer
- Materials Engineer
- Metallurgist
- Process Development Scientist
- Research Scientist
- Technical Sales Engineer

VISIT WOLFWATCH FOR MORE INFORMATION.
HAY A QUESTION? CHECK IN WITH YOUR ADVISOR!

Visit westga.edu/program-maps for the latest version of this major map.
TERM 1: FALL

**A1: ENGL 1101**
English Composition I

**A2: MATH 1113**
Precalculus

**B2: XIDS 2001 OR 2002**
First Year Seminar

**D1: CHEM 1211 + LAB**
Principles of Chemistry I

**E1: HIST 1111 OR 1112**
World History

**MILESTONES:**
- COMPLETE ENGL 1101 WITH C OR BETTER
- COMPLETE MATH 1113

**TERM 2: SPRING**

**A1: ENGL 1102**
English Composition II

**D2: MATH 1634**
Calculus I

**D1: CHEM 1212 + LAB**
Principles of Chemistry II

**E2: HIST 2111 OR 2112**
US History

**B2: INSTITUTIONAL OPTIONS**

**MILESTONES:**
- COMPLETE ENGL 1102 C OR BETTER
- COMPLETE MATH 1634
- COMPLETE CHEM 1212/1212L

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

CRUSH YOUR COURSEWORK

- Make sure to take XIDS 2000: Introduction to Interdisciplinary Studies to start your intellectual, boundary-crossing journey!
- Discover your interests in your core classes. These can help you establish your disciplines.

FIND YOUR PLACE

- Check out UNG’s Academic Transition Programs, and take a cornerstone course (XIDS 2002).
- Explore events, clubs, and organizations available to you! Let the program and/or disciplines you’ve identified guide your search.
- Visit the Office of Undergraduate Research.

BROADEN YOUR PERSPECTIVES

- Visit URec to see all your options.
- Get fit! Visit Health Services.
- Consider volunteering for a campaign or organization in your community.

CONNECT OFF-CAMPUS

- Complete XIDS 2000 with C or better
- Take a cornerstone course (XIDS 2002).
- Consider applying for an on-campus job.

TAKE CARE OF YOURSELF

- Complete a self-assessment to see what careers and majors are right for you.
- Visit Office of Career and Graduate School and majors are right for you.
- Complete a self-assessment to see what careers and majors are right for you.
- Visit Office of Career and Graduate School
- Create your profile on LinkedIn
- Create a résumé
- Take a career test
- Complete an internship in your field.
- Ask your department about networking opportunities with alumni.

PAVE YOUR PATH

- Complete the degree plan and submit to Registrar
- Establish your degree plan, including identifying your complex problem and exploring how and what disciplines can help inform your inquiry.
- Take the UWG Wellness Hub to find all the resources available to you!
- Visit Health Services.
- Connect to the UWG Wellness Hub to find all the resources available to you!
- Visit Health Services.
- Consider whether counseling is right for you: take a mentorship screening.
- Consider a study abroad program. Check out students’ stories of their experiences.

TERM 2: SPRING

**XIDS 2000**
Introduction to Interdisciplinary Studies

**F: PHYS 1112 + LAB**
Introductory Physics II

**E3: POLS 1101**
American Government

**ELECTIVE**
(Care Area F, if needed)

**C1: FINE ARTS**

**MILESTONES:**
- COMPLETE XIDS 2000 WITH C OR BETTER
- COMPLETE PHYS 1112/1112L
- COMPLETE BIS DEGREE PLAN AND SUBMIT TO REGISTRAR

13/14 FALL CREDIT HOURS + 16 SPRING CREDIT HOURS = 29/30 CREDIT HOURS

CRUSH YOUR COURSEWORK

- Work with your IDS professors in XIDS 3000 to establish your degree plan, including identifying your complex problem and exploring how and what disciplines can help inform your inquiry.
- Attend UNG Scholars’ Day.
- Check out what university associations and community organizations relate to your disciplines.

BROADEN YOUR PERSPECTIVES

- Complete an internship in your field.
- Consider a summer or part-time job.
- Ask your department about networking opportunities with alumni.
- 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.

CONNECT OFF-CAMPUS

- In a student organization? Suggest you all complete an implicit bias workshop.
- Complete a study abroad program. Check out students’ stories of their experiences.

TAKE CARE OF YOURSELF

- Draft your résumé and attend a résumé blitz.
- 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.
YEAR 3

TERM 1: FALL

PHYS 4985
Applied Mechanics
3 CREDIT HOURS

PHYS 4985
Modern Physics for Engineers
3 CREDIT HOURS

ELECTIVE: GEOL 1121 + LAB
(Recommended) Intro Geosciences I
4 CREDIT HOURS

C2: HUMANITIES
3 CREDIT HOURS

E4: SOCIAL SCIENCE
3 CREDIT HOURS

TERM 2: SPRING

XIDS 3000
Interdisciplinary Methods
3 CREDIT HOURS

CHEM 3201
Materials Chemistry or Polymer Chemistry
3 CREDIT HOURS

ELECTIVE
3 CREDIT HOURS

ELECTIVE
3 CREDIT HOURS

MILESTONE:
• COMPLETE XIDS 3000 WITH C OR BETTER & Finish CAPSTONE PROPOSAL/PLAN

16 FALL CREDIT HOURS + 15 SPRING CREDIT HOURS = 31 CREDIT HOURS

TERM 1: FALL

PHYS 4985
Fundamentals of Materials
3 CREDIT HOURS

CHEM 4985
Experimental Technology in Materials Chemistry
3 CREDIT HOURS

PHYS 4683 OR CHEM 4083
Internship or Faculty Directed/Research
1 CREDIT HOUR

ELECTIVE: PHYS 3511
(Recommended) Experimental Physics I
1 CREDIT HOUR

ELECTIVE: PHYS 3013
(Recommended) Basic Electronics
3 CREDIT HOURS

GEOL 3014
Mineralogy and Crystallography
4 CREDIT HOURS

TERM 2: SPRING

XIDS 4000
Interdisciplinary Capstone
3 CREDIT HOURS

CHEM 3201
Materials Chemistry or Polymer Chemistry
3 CREDIT HOURS

PHYS 4683 OR CHEM 4083
Internship or Faculty Directed/Research
2 CREDIT HOURS

ELECTIVE: PHYS 3521
(Recommended) Experimental Physics II
1 CREDIT HOUR

ELECTIVE
3 CREDIT HOURS

MILESTONE:
• COMPLETE XIDS 4000 WITH C OR BETTER ALONG WITH CAPSTONE PROJECT
• REACH 39 CREDIT HOURS AT 3000/4000 LEVEL AND 120 CREDIT HOURS TOTAL

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

YEAR 4