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?
- Applications architect
- Business intelligence developer
- Data Architect
- Data Engineer
- Data Scientist
- Enterprise Architect
- Infrastructure Architect
- Machine Learning Engineer
- Machine Learning Scientist
- Statistician

ADD A CERTIFICATE
- Data Analysis & Evaluation Methods
- Data Analytics
- Ethics
- International Business
- Nonprofit Management & Community Development

HONORS COLLEGE
Consider joining if you have an Overall GPA of 3.2 and earned 15 college credit hours!

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

**C1:** ENGL 1101  
English Composition I  
3 CREDIT HOURS

**M:** MATH 1113  
Pre-calculus  
4 CREDIT HOURS

**T3:** CS 1300  
Intro to Computer Science  
4 CREDIT HOURS

**I1:** ORAL COMMUNICATIONS  
3 CREDIT HOURS

**MILESTONES:**  
- COMPLETE ENGL 1101 WITH C OR BETTER  
- COMPLETE MATH 1113 WITH C OR BETTER  
- A CREDIT FROM MATH 1113 AND CS 1300 EACH COUNT AS MAJOR ELECTIVE CREDITS

**TERM 2: SPRING**

**C2:** ENGL 1102  
English Composition II  
3 CREDIT HOURS

**F:** MATH 1634  
Calculus I  
4 CREDIT HOURS

**I2:** XIDS 2002  
(Recommended First-Year Seminar  
2 CREDIT HOURS

**T1:** SCIENCE + LAB  
3 CREDIT HOURS

**S2:** SOCIAL SCIENCE  
3 CREDIT HOURS

**MILESTONES:**  
- COMPLETE ENGL 1102 WITH C OR BETTER  
- COMPLETE MATH 1634 WITH C OR BETTER  
- COMPLETE LAB SCIENCE

**YEAR 1**  
14 FALL CREDIT HOURS + 16 SPRING CREDIT HOURS  
= 30 CREDIT HOURS

**TERM 1: FALL**

**P2:** POLS 1101  
American Government  
3 CREDIT HOURS

**P1:** HIST 2111 OR 2112  
US History  
3 CREDIT HOURS

**F:** CS 1301  
Computer Science I  
4 CREDIT HOURS

**F:** MATH 2644  
Calculus II  
4 CREDIT HOURS

**A:** HUMANITIES  
3 CREDIT HOURS

**MILESTONE:**  
- COMPLETE CS 1301 WITH B OR BETTER

**TERM 2: SPRING**

**S1:** HIST 1111 OR 1112  
World History  
3 CREDIT HOURS

**MATH 4203**  
Mathematical Probability  
3 CREDIT HOURS

**F:** MATH 2853  
Elementary Linear Algebra  
3 CREDIT HOURS

**CS 1302**  
Computer Science II  
4 CREDIT HOURS

**A:** HUMANITIES  
3 CREDIT HOURS

**MILESTONES:**  
- COMPLETE CS 1302 WITH B OR BETTER  
- COMPLETE BIS DEGREE PLAN AND SUBMIT TO REGISTRAR

**YEAR 2**  
17 FALL CREDIT HOURS + 16 SPRING CREDIT HOURS  
= 33 CREDIT HOURS

**TERM 1: FALL**

**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.

**TERM 1: FALL**

- Work with your IDS professors in XIDS 3000 to establish your degree plan, including identifying your core problem and exploring how and what disciplines can help inform your inquiry.

**TERM 1: FALL**

- Attend UWG Scholars’ Day.  
- Check out what university associations and community organizations relate to your disciplines.

**YEAR 2**

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

**TERM 2: SPRING**

**CRUSH YOUR COURSEWORK**

- 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.

**TERM 2: SPRING**

- Visit the Office of Undergraduate Research.  
- Complete a self-assessment to see what careers and majors are right for you.

**TERM 2: SPRING**

- Complete an internship in your field.  
- Consider a summer or part-time job.

**CRUSH YOUR COURSEWORK**

- Explore diversity, equity, and inclusion resources and opportunities across campus.  
- The Center for Economic Education and

**TERM 2: SPRING**

- Visit the graduate school to find out about graduate programs and admission requirements.

**TERM 2: SPRING**

- Draft your resume and take a resume blitz.

**TERM 2: SPRING**

- Draft your personal statement.

**TERM 2: SPRING**

- Visit the UWG Wellness Hub to find all the resources available to you!  
- Visit US Health Services.

**TERM 2: SPRING**

- 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.

**TERM 2: SPRING**

- Complete a self-assessment to see what careers and majors are right for you.  
- Visit Office of Career and Graduate School

**YEAR 2**

- Take care of yourself.  
- Learn about how to network on social media and update your Handshake profile.

**YEAR 2**

- Establish your degree plan, including identifying your core problem and exploring how and what disciplines can help inform your inquiry.

**YEAR 2**

- Complete your degree plan, including identifying your core problem and exploring how and what disciplines can help inform your inquiry.

**YEAR 2**

- Complete the BIS DEGREE PLAN and submit to Registrar.

**YEAR 2**

- Complete the BIS DEGREE PLAN and submit to Registrar.

**YEAR 2**

- Complete the BIS DEGREE PLAN and submit to Registrar.
TERM 1: FALL

MATH 3003
Transition to Advanced Math
3 CREDIT HOURS

CS 3280
Systems Programming
3 CREDIT HOURS

ELECTIVE
3000-4000 level course
3 CREDIT HOURS

F: XIDS 2000
Intro to Interdisciplinary Studies
3 CREDIT HOURS

T3: NON-LAB SCIENCE
3 CREDIT HOURS

MILESTONE:
• FINISH CORE
• XIDS 2000 IS OFFERED IN THE SPRING DURING EVEN YEARS AND IN THE FALL DURING ODD YEARS.

TERM 2: SPRING

XIDS 3000
Interdisciplinary Methods
3 CREDIT HOURS

MATH 4483
Graph Theory
3 CREDIT HOURS

CS 3151
Data Structures and Discrete Math I
3 CREDIT HOURS

CS 3270
Intelligent Systems
3 CREDIT HOURS

ELECTIVE OR F: XIDS 2000
3 CREDIT HOURS

MILESTONE:
• MEET WITH DISCIPLINARY MENTORS ABOUT DEGREE PLAN AND CAPSTONE PROJECT
• SUBMIT PLAN FOR CAPSTONE PROJECT

TERM 1: FALL

MATH 4213
Mathematical Statistics
3 CREDIT HOURS

CS 4725
Foundations of Machine Learning
3 CREDIT HOURS

MATH 4803
Analysis of Variance
3 CREDIT HOURS

ELECTIVE
3000-4000 level course
3 CREDIT HOURS

ELECTIVE
3 CREDIT HOURS

MILESTONE:
• FINISH CAPSTONE PROPOSAL/PLAN IN XIDS 3000

TERM 2: SPRING

XIDS 4000
Interdisciplinary Capstone
3 CREDIT HOURS

MATH 4813
Regression Analysis
3 CREDIT HOURS

ELECTIVE
3 CREDIT HOURS

ELECTIVE
3 CREDIT HOURS

MILESTONE:
• COMPLETE CAPSTONE PROJECT, SUBMIT IN XIDS 4000

YEAR 3

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.

FIND YOUR PLACE
• Attend UWG Scholars’ Day.
• Check out what university associations and community organizations relate to your disciplines.

BROADEN YOUR PERSPECTIVES
• In a student organization? Suggest you all complete an implicit bias workshop.
• Consider a study abroad program. Check out students’ stories of their experiences.

TAKE CARE OF YOURSELF
• Draft your resume and attend a resume 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.

PAVE YOUR PATH
• This is the time for your XIDS capstone! Make sure you have 9 hours of 3000-4000 level coursework for each of your two disciplines!

YEAR 4

CRUSH YOUR COURSEWORK
• Hone your leadership skills by mentoring new IDS majors!
• Consider running for an officer position in a student organization.

FIND YOUR PLACE
• Assess your cultural competency.
• Consider working abroad and research visa regulations.
• Explore practices of creating more inclusive careers.

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

TAKE CARE OF YOURSELF
• Request references from professors and supervisors.
• Draft your resume cover letter and personal statement and receive it with career services.
• Attend business fairs and career fairs at UWG and across the state.
• Attend an information workshop.
• Apply for graduate programs.

PAVE YOUR PATH
• 15 FALL CREDIT HOURS + 15 SPRING CREDIT HOURS = 30 CREDIT HOURS

TERM 1: FALL

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

FIND YOUR PLACE
• 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.

BROADEN YOUR PERSPECTIVES
• Assess your cultural competency.
• Consider working abroad and research visa regulations.
• Explore practices of creating more inclusive careers.

TAKE CARE OF YOURSELF
• Draft your resume and attend a resume 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.

PAVE YOUR PATH
• 15 FALL CREDIT HOURS + 12 SPRING CREDIT HOURS = 27 CREDIT HOURS

TERM 2: SPRING

CRUSH YOUR COURSEWORK
• 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.

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

BROADEN YOUR PERSPECTIVES
• 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
• Request references from professors and supervisors.
• Draft your resume cover letter and personal statement and receive it with career services.
• Attend business fairs and career fairs at UWG and across the state.
• Attend an information workshop.
• Apply for graduate programs.

PAVE YOUR PATH
• 15 FALL CREDIT HOURS + 15 SPRING CREDIT HOURS = 30 CREDIT HOURS

TERM 2: SPRING

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

FIND YOUR PLACE
• In a student organization? Suggest you all complete an implicit bias workshop.
• Consider a study abroad program. Check out students’ stories of their experiences.

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 CARE OF YOURSELF
• 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.

PAVE YOUR PATH
• Draft your resume and attend a resume 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.

• This is the time for your XIDS capstone! Make sure you have 9 hours of 3000-4000 level coursework for each of your two disciplines!