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.
### Year 1

#### Term 1
- **A1:** ENGL 1101 English Composition I  
- **A2:** MATH 1113 Precalculus  
- **B2:** CS 1300 Intro to Computer Science  
- **B1:** ORAL COMMUNICATIONS

**Milestones:**
- Complete ENGL 1102 with C or better
- Complete MATH 1634 with C or better
- Complete Area D1 lab science

#### Term 2
- **A1:** ENGL 1102 English Composition II  
- **F:** MATH 1634 Calculus I  
- **B2:** XIDS 2002 (Recommended) First-Year Seminar Course  
- **D1:** SCIENCE + LAB  
- **E4:** SOCIAL SCIENCE

**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

**Total Credits:** 14 Fall Credit Hours + 16 Spring Credit Hours = 30 Credit Hours

### Year 2

#### Term 1
- **E2:** HIST 2111 or 2112 US History  
- **E3:** POLS 1101 American Government  
- **F:** CS 1301 Computer Science I  
- **F:** MATH 2644 Calculus II  
- **C2:** HUMANITIES

**Milestones:**
- Complete CS 1301 with B or better

#### Term 2
- **E1:** HIST 1111 or 1112 World History  
- **MATH 4203** Mathematical Probability  
- **F:** MATH 2853 Elementary Linear Algebra  
- **CS 1302** Computer Science II  
- **C1:** FINE ARTS

**Milestones:**
- Complete CS 1302 with B or better
- Complete BIS degree plan and submit to Registrar

**Total Credits:** 17 Fall Credit Hours + 16 Spring Credit Hours = 33 Credit Hours
### Year 3

**Term 1**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MATH 3003</td>
<td>3</td>
</tr>
<tr>
<td>Transition to Advanced Math</td>
<td></td>
</tr>
<tr>
<td>CS 3280</td>
<td>3</td>
</tr>
<tr>
<td>Systems Programming</td>
<td></td>
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<tr>
<td><strong>ELECTIVE</strong></td>
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</tr>
<tr>
<td>3000/4000 level course</td>
<td></td>
</tr>
<tr>
<td><strong>D1: NON-LAB SCIENCE</strong></td>
<td>3</td>
</tr>
</tbody>
</table>

**Milestones:**
- Finish Core

**Term 2**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>MATH 4813</td>
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<tr>
<td>Regression Analysis</td>
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<tr>
<td>CS 3151</td>
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<tr>
<td>Data Structures and Discrete Math I</td>
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<tr>
<td>CS 3270</td>
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<tr>
<td>Intelligent Systems</td>
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<tr>
<td><strong>F: XIDS 2000</strong></td>
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<tr>
<td>Intro to Interdisciplinary Studies</td>
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<tr>
<td><strong>XIDS 3000</strong></td>
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<tr>
<td>Interdisciplinary Methods</td>
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**Milestones:**
- Meet with Disciplinary Mentors about Degree Plan and Capstone Project
- Submit Plan for Capstone Project

15 Fall Credit Hours + 15 Spring Credit Hours = 30 Credit Hours

### Year 4

**Term 1**

<table>
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<th>Course</th>
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<td>MATH 4213</td>
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<td>Mathematical Statistics</td>
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<tr>
<td>CS 4725</td>
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<td>Foundations of Machine Learning</td>
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<tr>
<td>MATH 4803</td>
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<tr>
<td>Analysis of Variance</td>
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<tr>
<td><strong>ELECTIVE</strong></td>
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</tr>
<tr>
<td><strong>ELECTIVE</strong></td>
<td>3</td>
</tr>
</tbody>
</table>

**Milestones:**
- Finish Core

**Term 2**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>XIDS 4000</strong></td>
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<tr>
<td>Interdisciplinary Capstone</td>
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</tr>
<tr>
<td>MATH 4483</td>
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<tr>
<td>Graph Theory</td>
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<td><strong>ELECTIVE</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>ELECTIVE</strong></td>
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</tbody>
</table>

**Milestones:**
- Complete Capstone Proposal/Plan in XIDS 3000

15 Fall Credit Hours + 12 Spring Credit Hours = 27 Credit Hours
A1 Communication Skills
A2 Quantitative Skills
B1 Written and Oral Communications
B2 Other Institutional Options
C1 Fine Arts
C2 Humanities
D1 Natural Science
D2 Mathematics, Science, and Quantitative Technology
E1 World History
E2 American/Georgia History
E3 American/Georgia Government
E4 Social Science
F Major Courses
• 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.

• Check out UWG’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.

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

• 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 and Financial Literacy

• Complete a self-assessment to see what careers and majors are right for you  
• Visit Career Services  
• Create your profile on Handshake  
• Consider applying for an on-campus job

• 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

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

• 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.  
• Attend an interview workshop  
• Apply for graduate programs

• 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!