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.
TERM 1: FALL

A1: ENGL 1101  
English Composition I  
3

A2: MATH 1113  
Pre Calculus  
4

D2: CS 1300  
Introduction to Computer Science  
4

C2: HUMANITIES  
3

MILESTONES:
• COMPLETE ENGL 1101 C OR BETTER
• COMPLETE MATH 1113 C OR BETTER
• ONE OF AREA B1 OR AREA C2 SATISFIES PHIL 4120 PREREQUISITE

TERM 2: SPRING

A1: ENGL 1102  
English Composition II  
3

F: COMP 2300  
Fundamentals of Computing  
3

F: CS 1301  
Computer Science I  
4

B1: WRITTEN AND ORAL COMMUNICATION  
3

B2: INSTITUTIONAL OPTIONS  
1

MILESTONES:
• COMPLETE ENGL 1102 C OR BETTER
• COMPLETE CS 1301 C OR BETTER
• ONE OF AREA B1 OR AREA C2 SATISFIES PHIL 4120 PREREQUISITE

14 FALL CREDIT HOURS + 14 SPRING CREDIT HOURS = 28 CREDIT HOURS

TERM 1: FALL

E1: HIST 1111 OR 1112  
World History  
3

F: COMP 2200  
Introduction to Databases  
3

F: CS 2100  
Introduction to Web Development  
3

F: MATH 1401  
Elementary Statistics  
3

F: COMP 2320  
Principles of Programming  
3

MILESTONES:
• ALL MATH REQUIREMENTS COMPLETE

TERM 2: SPRING

PHIL 4120  
Professional Ethics  
3

E3: POLS 1101  
American Government  
3

COMP 2500  
Introduction to Computer Security  
3

D1: SCIENCE + LAB  
4

E4: SOCIAL SCIENCE  
3

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

Key
- Color: Core Area and Credit Hours
- Color: COMP Breadth Elective
- Color: COMP Depth Course
- Color: Elective

Additional Information
• EITHER Area B1 must be PHIL 2020, or Area C2 must be one of PHIL 2010 or PHIL 2030 in order to satisfy the prerequisite for PHIL 4120.
### TERM 1: FALL

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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<tbody>
<tr>
<td>COMP 3400</td>
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</tr>
<tr>
<td>System &amp; Network Administration I</td>
<td></td>
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<tr>
<td>COMP 3300</td>
<td>3</td>
</tr>
<tr>
<td>Application Development I</td>
<td></td>
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<tr>
<td>COMP 3600</td>
<td>3</td>
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<tr>
<td>User-Centric Computing I</td>
<td></td>
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<tr>
<td><strong>C: FINE ARTS</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>D: SCIENCE + LAB</strong></td>
<td>4</td>
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</tbody>
</table>

**Milestones:**
- AREA D1 LAB SCIENCES COMPLETE

### TERM 2: SPRING

<table>
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<tr>
<th>Course</th>
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<tr>
<td>E2: HIST 2111 OR 2112</td>
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<tr>
<td>US History</td>
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<tr>
<td>COMP 3800</td>
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<tr>
<td>Data Analytics</td>
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<tr>
<td>COMP BREADTH ELECTIVE</td>
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<td>COMP BREADTH ELECTIVE</td>
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**Milestones:**
- PREREQUISITES SATISFIED TO TAKE APPROPRIATE COMP DEPTH COURSES

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

### TERM 1: FALL

<table>
<thead>
<tr>
<th>Course</th>
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<tbody>
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<td>ENGL 3405</td>
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<td>Professional and Technical Writing</td>
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<td>COMP 4986</td>
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<tr>
<td>Internship</td>
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<tr>
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<td>(See Below)</td>
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</tr>
<tr>
<td>COMP DEPTH COURSE</td>
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<tr>
<td>(See Below)</td>
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<tr>
<td>ELECTIVE</td>
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**Milestones:**
- SUCCESSFUL COMPLETION OF INTERNSHIP WITH INDUSTRY PARTNER

### TERM 2: SPRING

<table>
<thead>
<tr>
<th>Course</th>
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<tr>
<td>COMP 4982</td>
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<td>Capstone</td>
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<td>COMP DEPTH COURSE</td>
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<td>COMP DEPTH COURSE</td>
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<td>(See Below)</td>
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<tr>
<td>ELECTIVE</td>
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</tr>
</tbody>
</table>

**Milestones:**
- SUCCESSFUL COMPLETION OF INTERNSHIP WITH INDUSTRY PARTNER

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

**First Year**
- Complete CS 1300 (fundamental course in your major)
- Complete CS 1301 with a C or better (fundamental course in your major)
- Complete MATH 1113 or MATH 1112 (with a C or better) to stay on top of your Mathematics requirements
- Complete ENGL 1101 & 1102 with a C or better
- You have a wide range of 3rd- and 4th-year courses to choose from. Meet with your advisor to make a 4-year plan to get you the courses you want!

**Find Your Place**
- Explore diversity, equity, and inclusion resources and opportunities across campus.
- Check out the education abroad office.

**Broaden Your Perspectives**
- Visit Wolves Vote to learn about the voting process and registration
- Consider volunteering for a campaign or organization in your community

**Connect Off-Campus**
- 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

**Take Care of Yourself**
- 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

**Set**

**Middle Years**
- Take MATH 1401 as soon as possible to complete your MATH requirements.
- Take your two Core Area D.1 science lab courses as soon as possible. Make sure you include the labs!
- Complete all foundational COMP courses (COMP 2300, COMP 2500, COMP 3300, COMP 3400, COMP 3600, COMP 3800)
- Complete all prerequisites required for your chosen 4th-year Depth courses.

**Find Your Place**
- Join ACM and/or ACM-W for networking and connection with your computing peers
- Join another student organization to have a balanced life outside of computing
- Talk with your advisor (or other computing faculty) about what you love about computing

**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

**Connect Off-Campus**
- Complete an internship in your field
- Consider volunteering for a campaign or organization in your community

**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

**Go**

**Last Year**
- Complete your required internship experience (COMP 4986)
- Complete your required Capstone project course (COMP 4982)
- Complete your Depth courses.

**Find Your Place**
- Volunteer as an ACM or ACM-W officer

**Broaden Your Perspectives**
- Assess your cultural competency
- Consider working abroad and research visa regulations
- Explore practices of creating more inclusive careers

**Connect Off-Campus**
- Ask for advice from professionals in your field of interest
- Explore career shadowing opportunities

**Take Care of Yourself**
- Explore a farmer’s market for fresh produce
- Develop a post-graduation exercise plan
- Explore your loan repayment options and complete your exit counseling.
WHERE CAN YOU GO WITH THIS DEGREE?

- AI Engineer
- Computer Hardware Engineer
- Information Security Analyst
- IT Project Manager
- Mobile App Developer
- Software Developer
- Systems Architect
- UX Designer
- Video Game Developer
- Web Developer