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  
  3
- **MATH 1111**  
  College Algebra  
  3
- **XIDS 2002**  
  First-Year Seminar Course  
  2
- **B2:** XIDS 2001  
  The Physical Universe  
  1
- **B, C, OR E**  
  Institutional Option, Humanities/Fine Arts, or Social Science  
  3

**Milestones:**
- Complete ENGL 1102 C or better
- Complete Area A2 Math

**Term 2**
- **A1:** ENGL 1102  
  English Composition II  
  3
- **D1:** CHEM 1211/1211L  
  Principles of Chemistry I  
  4
- **A2:** MATH 1113  
  Precalculus  
  4
- **B, C, OR E**  
  Institutional Option, Humanities/Fine Arts, or Social Science  
  3

**Milestones:**
- Complete ENGL 1102 C or better

**Year 2**

**Term 1**
- **F:** PHYS 2211/2211L  
  Principles of Physics I  
  4
- **F:** MATH 2644  
  Calculus II  
  4
- **D1:** CHEM 1212/1212L  
  Principles of Chemistry II  
  4
- **B, C, OR E**  
  Institutional Option, Humanities/Fine Arts, or Social Science  
  3

**Term 2**
- **F:** PHYS 2212/2212L  
  Principles of Physics II  
  4
- **MATH 3303**  
  Ordinary Differential Equations  
  3
- **B, C, OR E**  
  Institutional Option, Humanities/Fine Arts, or Social Science  
  3
- **B, C, OR E**  
  Institutional Option, Humanities/Fine Arts, or Social Science  
  3

**Milestones:**
- Complete Principles of Physics Sequence
- Complete Math up to ODE

12 Fall Credit Hours + 14 Spring Credit Hours + 4 Summer Credit Hours = 30 Credit Hours

15 Fall Credit Hours + 13 Spring Credit Hours = 28 Credit Hours
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<thead>
<tr>
<th>TERM 1</th>
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<tbody>
<tr>
<td>PHYS 3503 3</td>
<td>PHYS 3213 3</td>
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<tr>
<td>Modern Physics</td>
<td>Thermodynamics</td>
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<td>PHYS 3113 3</td>
<td>PHYS 3313 3</td>
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<tr>
<td>Mechanics</td>
<td>Electricity and Magnetism</td>
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<td>PHYS 4513 OR 4523 3</td>
<td>MATH OR FL ELECTIVE 3</td>
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<td>Math, Physics or Computational Physics</td>
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<td>F: MATH 2654 4</td>
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<td>Calculus III</td>
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<td>16 FALL CREDIT HOURS + 15 SPRING CREDIT HOURS = 31 CREDIT HOURS</td>
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|                                                                      |                                                                       |
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CORE CURRICULUM

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
**Ready**

**First Year**
- Enroll in XIDS 2001: Physical Universe and Core courses.
- Complete math courses through Calculus I.
- Take Principles of Physics I (or ASTR 2313) in your second semester.
- Attend physics workshops.
- Meet with your Physics mentor.

**Set**

**Middle Years**
- Complete Principles of Physics.
- Take Modern, Mathematical, Mechanics, E&M and Thermal.
- Establish your pathway/concentration.
- Take core and electives to balance upper-level coursework.

**Go**

**Last Year**
- Finish your degree requirements.
- Complete your research/internships.
- Present at a conference.
- Write a scientific paper.
- Finish strong.

**Find Your Place**

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

**Connect Off-Campus**
- Visit Wolves Vote to learn about the voting process and registration.
- Consider volunteering for a campaign or organization in your community.

**Take Care of Yourself**
- Visit 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

**Pave Your Path**
- 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

- 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

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

- Consider a study abroad program. Check out students' stories of their experiences

- Attend career fairs. Send your resume to one of our alumni.

- Ask for advice from professionals in your field of interest
- Explore career shadowing opportunities

- 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

- Explore a farmer’s market for fresh produce
- Develop a post-graduation exercise plan
- Explore your loan repayment options and complete your exit counseling.

- Become a Student Assistant for a physics labs, workshops or the Observatory.
- Get involved in research or an internship.
- Apply for summer internships or REUs.
- Attend a scientific conference.

- Become a Physics Ambassador.
- Expand your professional network.
- Apply for internships in local industries or graduate programs.
- Attend career fairs. Send your resume to one of our alumni.

- Meet Physics faculty and learn about their research and scholarship opportunities.
- Join the Physics Engineering club.
- Connect with junior/senior/physics students and ambassadors.

- Complete Principles of Physics.
- Take Modern, Mathematical, Mechanics, E&M and Thermal.
- Establish your pathway/concentration.
- Take core and electives to balance upper-level coursework.

- Enroll in XIDS 2001: Physical Universe and Core courses.
- Complete math courses through Calculus I.
- Take Principles of Physics I (or ASTR 2313) in your second semester.
- Attend physics workshops.
- Meet with your Physics mentor.