Program Progression Guide

Disclaimer: The 2021-2022 Purdue West Lafayette catalog is considered the source for academic and programmatic requirements for students entering programs during the Fall 2021, Spring 2022, and Summer 2022 semesters. The Program Progression Guide assists students in the development of an individualized 8-semester plan. Students are encouraged to use this guide, myPurduePlan* (online degree auditing tool) and the Student Educational Planner (SEP) as they work with their academic advisor towards the completion of their degree requirements.

Notification: Each student is ultimately responsible for knowing, monitoring and completing all degree requirements.

An undergraduate degree in the College of Science requires completion of the following degree requirements.

<table>
<thead>
<tr>
<th>University Degree Requirements</th>
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</thead>
<tbody>
<tr>
<td>Minimum 2.0 Cumulative GPA</td>
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</tbody>
</table>

**University Core Curriculum**
- Human Cultures: Behavioral/Social Science
- Human Cultures: Humanities
- Information Literacy
- Oral Communication
- Quantitative Reasoning
- Science
- Science, Technology & Society Selective
- Written Communication

Course Listing

**Required Major Program Courses**
Departmental specific requirements. 2.0 average in EAPS major classes required to graduate.
Minimum 2.0 cumulative GPA

**College of Science Core Curriculum**
- Freshman Composition – 3 credits
- Technical Writing and Presentation - 3 credits
- Teaming & Collaboration (NC)
- General Education - 9 credits
- Foreign Language & Culture – 9 credits
- Great Issues - 3 credits
- Laboratory Science - 8 credits
- Multidisciplinary - 3 credits
- Mathematics - 6-10 credits
- Statistics - 3 credits
- Computing - 3 credits

**Degree Electives**
Any Purdue or transfer course approved to meet degree requirements in accordance with individual departmental policies. Consult the [No Count course list](#) for courses, which may not be used to meet any College of Science degree requirement.

* This audit is not your academic transcript and it is not official notification of completion of degree or certificate requirements.

** University Core Curriculum Outcomes may be met through completion of the College of Science Core curriculum. Students should consult with their academic advisors and myPurdue Plan for course selections.
# 2021-22 Geology and Geophysics Degree Progression Guide

The EAPS Department has suggested the following degree progression guide for the Geology and Geophysics Degree. Students will work with their academic advisors to determine their best path to degree completion. Course pre-requisites are specific to this degree plan.

<table>
<thead>
<tr>
<th>Credits</th>
<th>Fall 1st Year</th>
<th>Prerequisite</th>
<th>Credits</th>
<th>Spring 1st Year</th>
<th>Prerequisite</th>
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</thead>
<tbody>
<tr>
<td>3</td>
<td>EAPS 11800 CC * Intro to Earth Science</td>
<td></td>
<td>3</td>
<td>EAPS 10900 CC * Dynamic Earth or EAPS 11200 CC * Earth through Time</td>
<td></td>
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<tr>
<td>1</td>
<td>EAPS 13700 CC Freshman Seminar</td>
<td></td>
<td>4-5</td>
<td>MA 16200 or MA 16600 CC * CALC 2 Calculus I</td>
<td></td>
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<tr>
<td>4-5</td>
<td>MA 16100 or MA 16500 CC CALC 1 ALEKS 85+ or SAT/ACT</td>
<td></td>
<td>4</td>
<td>CHM 11600 CC * General Chemistry 2 or CHM 125600 CC * Introduction to Chemistry 2 CHM 115</td>
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<tr>
<td>4</td>
<td>CHM 11500 CC * General Chemistry 1 or CHM 12500 CC * Introduction to Chemistry ALEKS 75+ or SAT/ACT</td>
<td></td>
<td>3-4</td>
<td>ENGL 10600 or ENGL 10800* or SLCA 10100 Fresh. Comp</td>
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<tr>
<td>3-4</td>
<td>Science Core Option</td>
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<td>15-17</td>
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<table>
<thead>
<tr>
<th>Credit</th>
<th>Fall 2nd Year</th>
<th>Prerequisite</th>
<th>Credit</th>
<th>Spring 2nd Year</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>4</td>
<td>EAPS 24300 CC * Earth Materials 1 EAPS 118; CHM 115 co-req</td>
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<td>3</td>
<td>EAPS 35400 Plate Tectonics EAPS 118; PHYS I; Calc I</td>
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<tr>
<td>4</td>
<td>PHYS 17200 or 22000 CC * Physics 1 Calculus I co-req or none</td>
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<td>4</td>
<td>PHYS 27200 or 22100* Physics 2 or PHYS 24100* Electricity and Optics and PHYS 25200* Electricity and Optics Lab PHYS 172/220</td>
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<tr>
<td>3</td>
<td>Science Core Option Language 101</td>
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<td>3</td>
<td>Science/Engineering Selective (20000:59900)</td>
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<td>3</td>
<td>Science/Engineering Selective (20000:59900)</td>
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<td>3</td>
<td>Science Core Option</td>
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<tr>
<td>3</td>
<td>Science Core Option</td>
<td></td>
<td>3</td>
<td>Elective</td>
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<tr>
<td>14</td>
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<table>
<thead>
<tr>
<th>Credit</th>
<th>Fall 3rd Year</th>
<th>Prerequisite</th>
<th>Credit</th>
<th>Spring 3rd Year</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>3</td>
<td>EAPS 35300 (fall) Surface Processes EAPS 243</td>
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<td>3</td>
<td>EAPS 35200 Structural Geology EAPS 35400</td>
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<tr>
<td>4</td>
<td>EAPS 47400 (fall) Sediment and Stratigraphy EAPS 243</td>
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<td>3</td>
<td>EAPS 39000 Field Methods EAPS 35300</td>
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<td>4</td>
<td>CS 15900 C Programming or CS 17700 Programming with Multimedia Objects or CS 18000 Problem Solving and Object-Oriented Programming EAPS 243</td>
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<td>3</td>
<td>Statistics Course</td>
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<td>Science Core Option</td>
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<td>3</td>
<td>Science Core Option</td>
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<td>3</td>
<td>EAPS 30900 Computer Aided Analysis</td>
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6 credits – EAPS 49000/EAPS 3xxxx Geology Field Experience (Summer)

<table>
<thead>
<tr>
<th>Credit</th>
<th>Fall 4th Year</th>
<th>Prerequisite</th>
<th>Credit</th>
<th>Spring 4th Year</th>
<th>Prerequisite</th>
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<tr>
<td>3</td>
<td>EAPS Professional Elective (30000:59900)</td>
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<td>EAPS Professional Elective (30000:59900)</td>
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<td>Great Issues Selective (SCC-F)</td>
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<td>3</td>
<td>Science Core Option</td>
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<tr>
<td>3</td>
<td>Science Core Option</td>
<td></td>
<td>3</td>
<td>COM 21700* Public Speaking on Tech. Topics</td>
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<tr>
<td>3</td>
<td>Science Core Option</td>
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<td>3</td>
<td>Elective</td>
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<tr>
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<td>Elective</td>
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<td>15</td>
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</table>

CC Identified as a critical course. Student should earn minimum of a C- see advisor for further details.

* Satisfies a University Core Requirement

Courses in ( ) are recommended.

**College of Science Core Curriculum (SCC)**

- **A. Freshman Composition**
- **B. Technical Writing and Presentation**
- **C. Teaming and Collaboration**
- **D. General Education**
- **E. Foreign Language and Culture**
- **F. Great Issues**
- **G. Laboratory Science**
- **H. Multidisciplinary**
- **I. Mathematics**
- **J. Statistics**
- **K. Computing**

* Consult the University Core Requirement course list for approved course.