

## Program Progression Guide

**Disclaimer:** The [2022-2023 Purdue West Lafayette catalog](#) is considered the source for academic and programmatic requirements for students entering programs during the Fall 2022, Spring 2023, and Summer 2023 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.

University Degree Requirements		
Minimum 2.0 Cumulative GPA	Minimum 120 Credits that fulfill degree requirements	32 Residency Credits (30000 and above) at a Purdue University campus
University Core Curriculum**		
<ul style="list-style-type: none"> <li>Human Cultures: Behavioral/Social Science</li> <li>Human Cultures: Humanities</li> <li>Information Literacy</li> <li>Oral Communication</li> </ul> <p><a href="#">University Core Curriculum Course Listing</a></p>	<ul style="list-style-type: none"> <li>Quantitative Reasoning</li> <li>Science</li> <li>Science, Technology &amp; Society Selective</li> <li>Written Communication</li> </ul>	
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		
<ul style="list-style-type: none"> <li>Freshman Composition – 3 credits</li> <li>Technical Writing and Presentation - 3 credits</li> <li>Teaming &amp; Collaboration (NC)</li> <li>General Education - 9 credits</li> </ul>	<ul style="list-style-type: none"> <li>Foreign Language &amp; Culture – 9 credits</li> <li>Great Issues - 3 credits</li> <li>Laboratory Science - 8 credits</li> <li>Multidisciplinary - 3 credits</li> </ul>	<ul style="list-style-type: none"> <li>Mathematics - 6-10 credits</li> <li>Statistics - 3 credits</li> <li>Computing - 3 credits</li> </ul>
Degree Electives		
Any Purdue or transfer course approved to meet degree requirements in accordance with individual departmental policies. Consult the <a href="#">No Count course list</a> 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.

## 2022-23 Environmental Geoscience Degree Progression Guide

The EAPS Department has *suggested* the following degree progression guide for the Environmental Geoscience 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.

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
3	EAPS 11800 <sup>CC*</sup> <b>Intro to Earth Science</b>		3	<b>EAPS 10900 Dynamic Earth</b> or EAPS 12500 <sup>CC*</sup> <b>Intro to Environmental Conservation</b>	
1	EAPS 13700 <sup>CC</sup> <b>Freshman Seminar</b>		4-5	MA 16200 or MA 16600 <sup>CC*</sup> <b>CALC 2</b>	Calculus I
4-5	MA 16100 or MA 16500 <sup>CC</sup> <b>CALC 1</b>	ALEKS 85+ or SAT/ACT	4	CHM 11600 <sup>CC*</sup> <b>General Chemistry 2</b>	CHM 115
4	CHM 11500 <sup>CC*</sup> <b>General Chemistry 1</b>	ALEKS 75+ or SAT/ACT	3-4	ENGL 10600 or ENGL 10800 or SCLA 10100- <b>Freshman Composition</b>	
3-4	Science Core Option				
<b>15-17</b>			<b>14-16</b>		

Credit	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	<b>AGRY 25500 Soil Science</b>		3	EAPS 20000 <b>Water World</b>	
4	<b>EAPS 24300 Earth Materials 1</b>		4	PHYS 17200 <b>Modern Mechanics</b> <sup>CC*</sup> or PHYS 22000 <b>General Physics</b> <sup>CC*</sup> or PHYS 23300 <b>Physics for Life Science</b> <sup>CC*</sup>	
3	<b>EAPS 22500 Science of the Atmosphere</b>		3	Statistics Course	
3	Science Core Option		3	Science Core Option	
3	Science Core Option		3	Science Core Option	
<b>16</b>			<b>16</b>		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	EEE 36000 <b>Env. &amp; Ecological Eng. Lab</b>	CHM 116	3	Environmental Selective <sup>^</sup>	
3	EAPS 31500 <b>Biogeochemistry</b>		3	AGEC 20400 <b>Intro to Resource Econ and Env. Policy</b> or POL 22300 <b>Intro to Env. Policy</b>	
4	<b>CHM 32100 Analytical Chemistry</b>		3	Elective	
3	EAPS 38500 <b>Eng. Geology</b> or EEE 35500 <b>Eng. Env Sustainability</b>		3	Science Core Option	
3	Elective		4	CS 17700 <b>Programming with Multimedia Objects</b> or CS 18000 <b>Problem Solving and Object-Oriented Programming</b>	
<b>16</b>			<b>16</b>		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3	Environmental Selective <sup>^</sup> ( <b>500 for Masters</b> )		3	Science Core Option [EAPS 364 (spring) or 327 Rec]	Junior/Senior COM 217 (364)
3	<b>ASM 54000 (fall) or FNR 21000 (spring) GIS</b>	Junior/Senior	3	Science Core Option	
3	Environmental Selective <sup>^</sup> ( <b>500 for Masters</b> )	CS	3	Environmental Selective <sup>^</sup> ( <b>500 for Masters</b> )	
3	COM 21700* <b>Public Speaking on Tech. Topics</b>		3	EAPS 49700 or 41900 <b>Research/Internship</b>	Instructor Permission
3	Elective		3	Great Issues Course	
<b>15</b>			<b>15</b>		

<sup>CC</sup> 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.

<sup>^</sup>Environmental Selective for advanced courses and specializations

<sup>^^</sup>Environmental Selective with Lab for advanced courses and specializations

### Approved Selectives:

<b>AGRY 33700: Environmental Hydrology</b>	<b>EAPS 518000: Soil Biochemistry</b>
<b>AGRY 38500: Environmental Soil Chemistry</b>	<b>EAPS 58400: Hydrogeology</b>
<b>CE 54200: Hydrology</b>	<b>EAPS 52100: Atmospheric Chemistry</b>
<b>CHM 3XXX: Aerosol Chemistry</b>	<b>EEE 35500: Engineering Environmental Sustainability</b>
<b>EAPS 22700: Observation and Measurement</b>	<b>ENGL 39300: Introduction to Environmental Studies</b>
<b>EAPS 35300: Surface Processes</b>	<b>MA 26100: Calculus III</b>
<b>EAPS 38500: Engineering Geology</b>	
<b>EAPS 50700: Intro to Analysis and Computing with Geoscience Data</b>	

