

## Program Progression Guide

**Disclaimer:** The [2023-2024 Purdue West Lafayette catalog](#) is considered the source for academic and programmatic requirements for students entering programs during the Fall 2024, Spring 2025, and Summer 2025 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 toward 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 All courses, except for Language & Culture, General Education, and Electives, must have a grade of C- or higher. All EAPS courses, regardless of area in the plan of study, must have a grade of C- or higher.		
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. The College of Science has identified courses that are below the disciplinary level of each program and major area of study. While similar, <a href="#">Not Recommended course lists</a> vary between departments.		

\* This audit is not your academic transcript and it is not an 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.

## 2024-25 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 prerequisites are specific to this degree plan.

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
3	EAPS 11800		3	EAPS 10900 or EAPS 12500	
1	EAPS 13700		4-5	MA 16200 or MA 16600	Calculus I
4-5	MA 16100 or MA 16500	ALEKS 85+ or SAT/ACT	4-5	CHM 11600 or CHM 12600	CHM 11500 or CHM 12500
4-5	CHM 11500 or CHM 12500	ALEKS 75+ or SAT/ACT	3-4	Science Core Option	
3-4	Science Core Option		1	Elective	
<b>15-18</b>			<b>15-18</b>		

Credit	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	AGRY 25500		3	EAPS 20000	
4	EAPS 24300	EAPS 11800 & CHM 11500	4	PHYS 17200 or PHYS 22000 or PHYS 23300	Calculus 1
3	EAPS 22500	Calculus 1	3	Science Core - Statistics	
3-4	Science Core Option		3	Science Core Option	
3-4	Science Core Option		3	Science Core Option	
<b>16-18</b>			<b>16</b>		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	CHM 32100 or CHM 22400 (spring)	CHM 11600	3-4	Science Core - Computing	
3	EAPS 31500	EAPS 10900 & CHM 11600	3	AGEC 20400 or POL 22300	
4	EEE 36000	CHM 11600	3	Environmental Selective	
3	EAPS 38500 or EEE 35500		3	Science Core Option	
			3	Elective	
<b>13</b>			<b>15-16</b>		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3	Science Core Option		3	EAPS 49700 or 41900	Instructor Permission
3	ASM 54000 (fall) or FNR 21000 (spring)		3	Environmental Selective	
3	Environmental Selective		3	Science Core Option	
3	Environmental Selective		3	Science Core Option	
3	Elective		3	Science Core Option	
<b>15</b>			<b>15</b>		

Suggested Selective Courses	
AGRY 33700: Environmental Hydrology	EAPS 50700: Intro to Analysis and Computing with Geoscience Data
AGRY 38500: Environmental Soil Chemistry	EAPS 518000: Soil Biochemistry
AGRY 45000: Soil Conservation and Water Management	EAPS 58400: Hydrogeology
BIOL 28600: Intro to Ecology and Evolution	EAPS 52100: Atmospheric Chemistry
BTNY 20700: The Microbial World	EEE 30000: Env and Eco Systems Modeling
CE 54200: Hydrology	EEE 35500: Engineering Environmental Sustainability
CHM 3XXX: Aerosol Chemistry	ENGL 39300: Introduction to Environmental Studies
CHM 48100: Environmental Chemistry	HSCI 55200: Introduction to Aerosol Science
EAPS 22700: Observation and Measurement	NRES 33800: Environmental Field Skills
EAPS 24400: Earth Materials II	NRES 38010: Hazardous Waste Handling
EAPS 31900: Exploring Earth Through Time	MA 26100: Calculus III
EAPS 35300: Surface Processes	PUPH 58500: Intro to Environmental Health
EAPS 38500: Engineering Geology	

Students should consult with their advisor for selective course

