

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.

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"> Human Cultures: Behavioral/Social Science Human Cultures: Humanities Information Literacy Oral Communication <p>University Core Curriculum Course Listing</p>	<ul style="list-style-type: none"> Quantitative Reasoning Science Science, Technology & Society Selective Written Communication 	
Civic Literacy Proficiency - https://www.purdue.edu/provost/about/provostInitiatives/civics/		
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"> Freshman Composition – 3 credits Technical Writing and Presentation - 3 credits Teaming & Collaboration (NC) General Education - 9 credits 	<ul style="list-style-type: none"> Foreign Language & Culture – 9 credits Great Issues - 3 credits Laboratory Science - 8 credits Multidisciplinary - 3 credits 	<ul style="list-style-type: none"> 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 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 ^{CC} * Intro to Earth Science		3	EAPS 10900 Dynamic Earth or EAPS 12500 ^{CC} * Intro to Environmental Conservation	
1	EAPS 13700 ^{CC} Freshman Seminar		4-5	MA 16200 or MA 16600 ^{CC} * CALC 2	Calculus I
4-5	MA 16100 or MA 16500 ^{CC} CALC 1	ALEKS 85+ or SAT/ACT	4	CHM 11600 ^{CC} * General Chemistry 2 or CHM 12500 ^{CC} * Introduction to Chemistry 2	CHM 115
4	CHM 11500 ^{CC} * General Chemistry 1 or CHM 12500 ^{CC} * Introduction to Chemistry 1	ALEKS 75+ or SAT/ACT	3-4	ENGL 10600 or ENGL 10800* or SLCA 10100 Fresh. Comp	
3-4	Science Core Option				
15-17			14-16		

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

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

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

^{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.

[^]Environmental Selective for advanced courses and specializations

^{^^}Environmental Selective with Lab for advanced courses and specializations

Approved Selectives:

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

