

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"> 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 	
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.

2022-23 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.

Credits	Fall 1st Year	Prerequisite	Credits	Spring 1st Year	Prerequisite
3	EAPS 11800 ^{CC} * Intro to Earth Science		3	EAPS 10900 ^{CC} * Dynamic Earth	
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	CHM 115
4	CHM 11500 ^{CC} * General Chemistry 1	ALEKS 75+ or SAT/ACT	3-4	ENGL 10600 or ENGL 10800 or SCLA 10100- Freshman Composition	
3-4	Science Core Option				
15-17			14-16		

Credit	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
4	EAPS 24300 ^{CC} * Mineralogy	EAPS 118; CHM 115 co-req	3	EAPS 35400 Earth and Planetary Geophysics	EAPS 118; PHYS I; Calc I
4	PHYS 17200 or 22000 ^{CC} * Physics 1	Calculus I co-req or none	4	PHYS 27200 or 22100* Physics 2 or PHYS 24100 Electricity and Optics and PHYS 25200 Electricity and Optics Lab	PHYS 172/220
3	Science Core Option	Language 101	3	Science/Engineering Selective (20000:59900)	
3	Science/Engineering Selective (20000:59900)		3	EAPS 24400 Petrology	EAPS 24300
			3	Elective	
14			15		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	EAPS 35300 (fall) Earth and Planetary Surface Processes	EAPS 243	3	EAPS 35200 Structural Geology	EAPS 35400
4	EAPS 47400 (fall) Sedimentary Geology	EAPS 243	3	Science Core Option	
4	CS 15900 C Programming or CS 17700 Programming with Multimedia Objects or CS 18000 Problem Solving and Object-Oriented Programming		3	Statistics Course	
3	Science Core Option		3	EAPS 30900 Computer Aided Analysis	
14			12		

6 credits – EAPS 49000/EAPS 3xxxx Geology Field Experience (Summer)

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3	EAPS Professional Elective (30000:59900)		3	EAPS Professional Elective (30000:59900)	
3	Multidisciplinary Experience Selective*		3	Science Core Option	
3	Great Issues Selective (SCC-F)		3	COM 21700* Public Speaking on Tech. Topics	
3	Science Core Option		3	Elective	
3	Elective				
15			12		

^{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)

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| <ul style="list-style-type: none"> A. Freshman Composition B. Technical Writing and Presentation C. Teaming and Collaboration D. General Education E. Foreign Language and Culture F. Great Issues | <ul style="list-style-type: none"> G. Laboratory Science H. Multidisciplinary I. Mathematics J. Statistics K. Computing |
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* Consult the University Core Requirement course list for approved course.