

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"> 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 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"> 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. The College of Science has identified courses that are below the disciplinary level of each program and major area of study. While similar, Not Recommended course lists vary between departments.		

* This audit is not your academic transcript and 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 Planetary Sciences Degree Progression Guide

The EAPS Department has *suggested* the following degree progression guide for the Planetary Sciences 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 10500	
1	EAPS 13700		4-5	MA 16200 or MA 16600	Calculus 1
4-5	CHM 11500 or CHM 12500	ALEKS 75+ or SAT/ACT	4	CHM 11600 or CHM 12600	CHM 11500 or CHM 12500
4-5	MA 16100 or MA 16500	ALEKS 85+ or SAT/ACT	3-4	Science Core	
3-4	Science Core Option				
15-17			14-16		

Credit	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
4	EAPS 24300	EAPS 11800 & CHM 11500	3-4	Science Core Option - Computing	
4	MA 26100	Calculus 2	4	MA 26200	MA 26100
4	PHYS 17200	Calculus 1 co-req	4	PHYS 27200 or (PHYS 24100 and PHYS 25200)	PHYS 1
3	Science Core Option		3	Science Core Option/Language-Culture	
15			14-15		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	EAPS 35300	EAPS 24300	3	EAPS 35400	EAPS 11800 & PHYS 1 & Calc 1
3	Science Core Option		3	Science Core Option - Statistics	
3	Science Core Option		3	Planetary Science Selective [^] or Skills Selective	
3	Planetary Science Selective [^] or Skill Selective		3	Science Core Option	
3	Elective		3	Elective	
15			15		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3	EAPS Selective		3	EAPS 40000 Planetary Science Capstone	SR classification
3	Planetary Science Selective [^] or Skills Selective		3	Planetary Science Selective [^] or Skills Selective	
3	Science Core Option		3	Science Core Option	
3	Elective		3	Science Core Option	
3	Elective		3	Elective	
12-15			15		

[^] Planetary Science Selective for advanced courses and specializations

Planetary Science Selective

ASTR 36300 – The Solar System	EAPS 39500 – Astrobiology
EAPS 20500 – Applied Planetary Science	EAPS 47400 – Sedimentary Geology
EAPS 31500 – Biogeochemistry	EAPS 55600 – Planetary Surface Processes
EAPS 35200 – Structural Geology	EAPS 5800 – Geodynamics
EAPS 36700 – Planetary Atmospheres	Any other 30000-50000 level Planetary Science course

Students should consult with their advisor for the Planetary Science Selective and the Skills Selective.

