

Program Progression Guides

Disclaimer: The [2018-2019 Purdue West Lafayette catalog](#) is considered the source for academic and programmatic requirements for students entering programs during the Fall 2018, Spring 2019, and Summer 2019 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. Students must earn a C- or better in all required ^ courses and a 2.5 GPA average. 129 semester credits (minimum) required for Bachelor of Science degree. 2.0 average in EAPS major classes required to graduate. Professional Education GPA Average ≥ 3.00, no grade lower than C-.		
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.

2018-19 Science Education – Earth, Atmospheric and Planetary Sciences Concentration Degree Progression Guide

The College of Science has suggested the following degree progression guide for the Science Education – Earth, Atmospheric and Planetary Sciences Concentration 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^ * Intro Earth Sci Fall only		3	EAPS 11200 ^* Earth Through Time or EAPS 10900 ^* Dyn Earth or 31900 Exploring Earth Through Time Spring only	
5	MA 16100^ * Calculus I SCC-I	ALEKS	1	EAPS 13700^ Fr Seminar	
4	CHM 11500^ * Chemistry I SCC-G	Calc I co-req or ALEKS	5	MA 16200^* Calculus II SCC-I	MA 16100
4	ENGL 10600* (1st or 2nd sem) English SCC-A		4	CHM 11600^* Chemistry II SCC-G	CHM 11500
			3	General Education I Option SCC-D	
16			16		

Credit	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
4	EAPS 24300^* Earth Materials Fall only	MA 16100, CHM	3	EAPS 35400 Plate Tectonics	Calc/Phys/Geology
4	PHYS 17200 or 22000^* Physics		4	PHYS 27200 or 22100 Physics	
3	EDCI 20500 Teaching as a Career		3	EDPS 23500 Learning & Motivation SCC-D	
3	EDCI 28500 Multiculture & Educ SCC-E		3	EDPS 26500 Inclusive Classroom	
			3	COM 21700 Tech Comm SCC-B	
14			16		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	EAPS 35300 Surface Processes	EAPS 24300	3	EAPS 39000 Field Methods	EAPS 35300
3	STAT* Statistics SCC-J		3	EAPS/ASTR Elective	
4	CS Computer Programming SCC-K	Calc	3	Great Issues Option* SCC-F	
1	EDST 20010 Educ Policies & Law		3	Language II Option SCC-E	
1	EDPS 32700 Classroom Assessment	EDPS 23500	3	EDCI 27000 Educ Tech & Computing	
1	EDPS 43010 Secondary Creating and Managing Learning Environments				
3	Language I Option SCC-E				
16			15		

6 credits – EAPS 49000 Geology Field Experience (Summer)

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3	EDCI 42400 Teaching Earth/Physical Science		2	EDCI 42800 Spring only or EDCI 55800 Integrated STEM Education Methods Secondary	
3	EAPS/ASTR Elective		3	EDCI 30900 Reading	
3	EAPS/ASTR Elective		10	EDCI 49800 Supervised Teaching SCC-C, SCC-H	
3	Science, Technology, Society (STS) or Free Elective				
3	General Education II Option SCC-D				
15			15		

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 courses