

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. 2.0 average in PHYS/ ASTR courses required to graduate. 2.5 average in Physics Concentration ^ courses required to graduate. 3.0 average in Professional Education courses required to graduate (No grade below a C-). 127 semester credits required for Bachelor of Science degree.		
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 - Physics Concentration Degree Progression Guide

The College of Science has suggested the following degree progression guide for the Science Education – Physics 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
4	PHYS 17200** (HONORS)	ALEKS 85	4	PHYS 27200** (HONORS)	PHYS 17200, MA 16200 co-req
4	CHM 11500**	ALEKS 75	4	CHM 11600**	CHM 11500
5	MA 16100*	ALEKS 85	5	MA 16200*	MA 16100
4	ENGL 10600*		3-4	Language I Option	
17			16-17		

Credit	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	PHYS 30600^ Fall only	PHYS 27200, MA 26100 co-req	3	PHYS 30700^ Spring only	PHYS 27200, MA 26100 co-req
1	PHYS 34000^	PHYS 34400 co-req	3	PHYS 42200^ Spring only	PHYS 27200
4	PHYS 34400^ Fall only	PHYS 27200, MA 26100 co-req	3	STAT 30100* (Sci, Engr Selective)	
4	MA 26100*	MA 16200	3	EDCI 20500	
3-4	Language II Option	Language I Option	3	EDCI 28500* (Language III/Culture/Diversity Option)	
			3	EDCI 27000	
15-16			18		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
4	PHYS 31000^ Fall only	PHYS 27200, MA 26100	3	PHYS 36000^ Spring only	(PHYS 31000 or 33000), PHYS 34400
3	PHYS 33000^ Fall only	PHYS 27200, MA 26100	4-3	PHYS 53600	PHYS 27200 (or PHYS 34400, 31000)
2	PHYS 45000^	PHYS 42200	3	COM 21700*	
3	EDPS 23500* (General Education I Option)	EDCI 20500, 28500 (C- or better)	3	General Education III Option	
3	EDPS 26500	EDCI 20500, 28500 (C- or better)	1-3	Science, Technology, and Society	
3	General Education II Option				
18			13-16		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3	PHYS, ASTR ≥ 300-level	Varies	2	EDCI 42800 Spring only or EDCI 55800 Integrated STEM Education Methods Secondary	EDCI 20500, 28500 AND EDPS 23500, 26500 (C- or better) AND EDCI 42400
3	EDCI 42400 (Multidisciplinary Experience)	EDCI 20500, 28500 AND EDPS 23500, 26500 (C- or better)	3	EDCI 30900	
3	Great Issues Option (Sci Engr selective)	Varies	10	EDCI 49800 (Teambuilding and Collaboration Experience)	EDCI 20500, 28500 AND EDPS 23500, 26500 (C- or better)
3-4	CS Option				
1	EDST 20010 Educ Policies & Law				
1	EDPS 32700 Classroom Assessment	EDPS 23500			
1	EDPS 43010 Secondary Creating and Managing Learning Environments				
15-16			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