

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 BIOL courses required to graduate. 2.5 average in Biology concentration ^ courses required to graduate. 3.0 average in Professional Education courses required to graduate (No grade below a 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 - Biology Concentration Degree Progression Guide

The College of Science has suggested the following degree progression guide for the Science Education – Biology 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
2	BIOL 12100*^ (meets Science, Technology, Society requirement)		3	BIOL 13100^	
2	BIOL 13500^	CHM 12901 co-req	4	Organic CHM I Selective^	CHM 11600 or 12901
5	CHM 12901*^ Fall only SCC-G	Calc I co-req	3	Calc II Option*^ (MA 16020) SCC-I	Calc I
3	Calc I Option *^ (MA 16010) SCC-I	ALEKS 75	3	Language II Option SCC-E	Language I Option
3	Language I Option* SCC-E		3-4	ENGL 10600 or 10800* SCC-A	
15			16-17		

Credit	Fall 2nd Year	Prerequisite	Credits	Spring 2nd Year	Prerequisite
3	BIOL 23100^	CHM 12901, BIOL 13100	3	BIOL 24100^	BIOL 23100
2	BIOL 23200^		2	BIOL 24200^ Spring only	
4	Organic CHM II Selective^	Organic I Lecture	2	BIOL 28600^	BIOL 12100
3	General Education I Option SCC-D		1	EDST 20010	
3	Technical Writing and Technical Presenting (COM 21700*) SCC-B		3	EDCI 27000	
			3	General Education II Option SCC-D	
15			14		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3-4	Intermediate Biology Selective^	Varies	3	Group B Selective^	Varies
2-3	Group A Selective^	Varies	4	PHYS II Selective^	PHYS I
4	PHYS I Selective^	Varies	3-4	CS Option^ SCC-K	
3	Great Issues Option SCC-F	Varies	3	EDPS 23500* (General Education III Option) SCC-D	
3	EDCI 20500		3	EDPS 26500	
3	EDCI 28500* (Language III/Culture/Diversity Option) SCC-E				
18-20			16-17		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
2-4	Biology Lab Selective(s)^		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 42100
3	STAT 50300^ SCC-J		3	EDCI 30900	
3-4	500-Level Biology Selective^	Varies	10	EDCI 49800 (Teambuilding and Collaboration Experience) SCC-C, SCC-H	EDCI 20500, 28500 AND EDPS 23500, 26500 (C- or better)
3	EDCI 42100 Fall only (Multidisciplinary Experience)	EDCI 20500, 28500 AND EDPS 23500, 26500 (C- or better)			
1	EDPS 32700 Classroom Assessment	EDPS 23500			
1	EDPS 43010 Secondary Creating and Managing Learning Environments				
13-17			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