

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 GPA in CHM classes required to graduate. 2.50 average GPA in CHM concentration courses. 3.00 average GPA in Professional Education courses with no grade lower than C-. 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.

2018-19 Science Education - Chemistry Concentration Degree Progression Guide

The College of Science has suggested the following degree progression guide for the Science Education – Chemistry 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.

Credit	Fall 1st Year	Prerequisite	Credit	Spring 1st Year	Prerequisite
5	CHM 11500 or 12500. CHM 12500 recommended. SCC-G	Calc I co-req	5	CHM 11600, 12600, 12901 or 13600. CHM 12600 recommended. SCC-G	CHM 12500
4-5	MA 16100 or 16500 SCC-I	ALEKS 85	4-5	MA 16200 or 16500 SCC-I	MA 16100
4	ENGL 10600 or 10800 SCC-A		3	COM 21700 SCC-B	
1	CHM 19400		4	PHYS 17200	ALEKS 85
3	EDCI 27000				
17-18			17-18		

Credit	Fall 2nd Year	Prerequisite	Credit	Spring 2nd Year	Prerequisite
3	CHM 26100 or 26505	CHM 12600	3	CHM 26200 or 26605	CHM 26505
1	CHM 26300, 26500 or 26700	CHM 12600	1	CHM 26600, 26400 or 26800	CHM 26300
4	MA 26100	MA 16200	4	CHM 24100	CHM 12600
3	EDCI 20500		3	Physics option (PHYS 27200)	PHYS 17200
3	EDCI 28500 SCC-E		1	EDST 20010	
1	CHM 29400		3	Language I (may test out) SCC-E	
15		PHYS 17200	16		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	CHM 37300	PHYS 27200	3	CHM 34200	CHM 12600
1	CHM 37301		3	CHM 37400	CHM 37300
3	EDPS 23500 SCC-D		1	CHM 37401	CHM 37301
3	EDPS 26500		3	General Education SCC-D	
3	STAT 30100 (SCC-J)		3	Language II (may test out) SCC-E	Lang I Option
3	General Education SCC-D		3	STS Selective	
			1	EDPS 32700 Classroom Assessment	EDPS 23500
			1	EDPS 43010 Secondary Creating and Managing Learning Environments	
16			18		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
4	CHM 32100 or 32300	CHM 12600	2	EDCI 42800 Spring only or EDCI 55800 Integrated STEM Education Methods Secondary	EDCI 20500, 28500 AND EDPS 23500, 26500 (C- or better)
3	CHM 33300 or 53300 or BCHM5601	CHM 26505	3	EDCI 30900	
3	EDCI 42400	EDCI 20500, 28500 AND EDPS 23500, 26500 (C- or better)	10	EDCI 49800	EDCI 20500, 28500 AND EDPS 23500, 26500 (C- or better)
3-4	Computing Option SCC-K				
3	Great Issues SCC-F	Jr/Sr Class			
16-17			15		

College of Science Core Curriculum (SCC)

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|---------------------------------------|-----------------------|
| A. Freshman Composition | G. Laboratory Science |
| B. Technical Writing and Presentation | H. Multidisciplinary |
| C. Teaming and Collaboration | I. Mathematics |
| D. General Education | J. Statistics |
| E. Foreign Language and Culture | K. Computing |
| F. Great Issues | |

* Consult the University Core Requirement course list for approved courses.

