PURDUE UNIVERSITY

Biochemistry (Chemistry-ACS)

College of Science

2018-2019

Program Progression Guide

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.

<table>
<tr><th colspan="3">University Degree Requirements</th></tr>
<tr><td>Minimum 2.0 Cumulative GPA</td><td>Minimum 120 Credits that fulfill degree requirements</td><td>32 Residency Credits (30000 and above) at a Purdue University campus</td></tr>
<tr><th colspan="3">University Core Curriculum**</th></tr>
<tr><td colspan="2">• Human Cultures: Behavioral/Social Science
• Human Cultures: Humanities
• Information Literacy
• Oral Communication

University Core Curriculum
Course Listing</td><td>• Quantitative Reasoning
• Science
• Science, Technology & Society Selective
• Written Communication</td></tr>
<tr><th colspan="3">Required Major Program Courses</th></tr>
<tr><td colspan="3">Departmental specific requirements. 2.0 average GPA in CHEM classes required to graduate.
Minimum 2.0 cumulative GPA</td></tr>
<tr><th colspan="3">College of Science Core Curriculum</th></tr>
<tr><td>• Freshman Composition – 3 credits
• Technical Writing and Presentation - 3 credits
• Teaming & Collaboration (NC)
• General Education - 9 credits</td><td>• Foreign Language & Culture – 9 credits
• Great Issues - 3 credits
• Laboratory Science - 8 credits
Multidisciplinary - 3 credits</td><td>• Mathematics - 6-10 credits
• Statistics - 3 credits
• Computing - 3 credits</td></tr>
<tr><th colspan="3">Degree Electives</th></tr>
<tr><td colspan="3">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.</td></tr>
</table>

* 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 Biochemistry (Chemistry-ACS) Degree Progression Guide

The Chemistry Department has suggested the following degree progression guide for the Biochemistry (Chemistry-ACS) 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
4-5	CHM 12500 *(fall only)* or 11500 SCC-G		4-5	CHM 12600 (*spring only*) or 11600 SCC-G	CHM 12500
4-5	MA 16100*or 16500 SCC-I	ALEKS 85	4-5	MA 16200 or 16600 SCC-I	MA 16100
4	ENGL 10600* SCC-A		3	Language II SCC-E	Lang 10100
1	CHM 19400		3	STS Selective*/ Multidisciplinary SCC-H	
3	Language I* (may test out)				
16-18			**14-16**		

Credit	Fall 2nd Year	Prerequisite	Credit	Spring 2nd Year	Prerequisite
3	CHM 26505 *fall only*	CHM 12600	3	CHM 26605 *spring only*	CHM 26505
2	CHM 26500 *fall only*	CHM 12600	2	CHM 26600 *spring only*	CHM 26500
4	MA 26100	MA 16200	4	PHYS 27200 SCC-G	PHYS 17200
4	PHYS 17200* SCC-G	MA 16100	3	General Education* SCC –D	
1	CHM 29400		3	Language and Culture* SCC-D	
14			**15**		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	BIOL 23100 *fall,summer only*	CHM 26505	3	BIOL 24100 or AGRY 32000 *spring only*	BIOL 231/232
2	BIOL 23200 *fall only*	co-req BIOL 23100	1-2	BIOL 24200 or AGRY 32100 *spring only*	co-req AGRY 32000
3	CHM 53300 *fall only*	CHM 26505	3	CHM 53800 *spring only*	CHM 53300
2	CHM 49900	Inst. Permission	2	CHM 49900	Inst. Permission
3-4	CS 15800 or 17700 SCC-K		4	CHM 24100	CHM 12600
3	General Education* SCC-D		1	CHM 49400	
16-17			**14-15**		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3	CHM 37300 *fall only*	PHYS 27200	3	CHM 37400 *spring only*	CHM 37300
1	CHM 37301 *fall only*		1	CHM 37401 *spring only*	CHM 37301
4	CHM 32100 *fall only*	CHM 12600	3	CHM 34200 *spring only*	
3	STAT 30100* SCC-J		3	General Education* SCC-D	
2	CHM 49900	Inst. Permission	3	Great Issues SCC-F	Jr/Sr class
3	COM 21700* SCC-B	ENGL 10600	0-3	Free Elective	
16			**13-16**		

College of Science Core Curriculum (SCC)

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

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