PURDUE UNIVERSITY

Interdisciplinary Science – Concentration in Physics
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">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 Interdisciplinary Science – Concentration in Physics Degree Progression Guide

The College of Science Department has *suggested* the following degree progression guide for the Interdisciplinary Science – Concentration in Physics 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	MA 16100 or MA 16500 SCC-I	ALEKS 85	4-5	MA 16200 or MA 16600 SCC-I	MA 16100 or 16500
3-4	ENGL 10600/10800 SCC-A		4	PHYS 27200 or PHYS 24100 Electricity and Optics AND PHYS 25200 SCC-G	PHYS 17200
4	PHYS 17200 SCC-G	ALEKS 85	3-4	Language II Selective SCC-E	Language I
3-4	Language I Selective SCC-E		3	Free Elective	
1	Free Elective		1	Free Elective	
15-18			**15-17**		

Credit	Fall 2nd Year	Prerequisite	Credit	Spring 2nd Year	Prerequisite
3	MA 26100	MA 16200 or 16600	3	PHYS 30000+	Varies
3-4	PHYS 34200 or 34400	PHYS 27200 or 24100+25200 AND co-req MA 26100	3	Supporting Area Course	
3-4	Language Selective III SCC-E	See Course Info	3	General Education I Selective SCC-D	
3	Supporting Area Course		3	COM 21700 or Technical Presentation SCC-C	
3	Free Elective		3-4	Computing Selective SCC-K	
			0	Teambuilding Experience	
15-17			**15-16**		

Credit	Fall 3rd Year	Prerequisite	Credit	Spring 3rd Year	Prerequisite
3	PHYS 30000+	Varies	3	EAPS Selective	
3	Supporting Area Course		3	Supporting Area Course	
4-5	General Chemistry Selective I	Co-req Calc	4-5	General Chemistry Selective II or Free Elective	Varies
3	General Education II Selective SCC-D		3	General Education III Option SCC-D	
3	Free Elective		3	Free Elective	
16-17			**16-17**		

Credit	Fall 4th Year	Prerequisite	Credit	Spring 4th Year	Prerequisite
3	STAT Selective SCC-J	Varies	3	Great Issue Selective SCC-F	Jr/Sr Standing; may require COM or ENGL
3	Supporting Area Course		3	Supporting Area Course	
0-4	Multidisciplinary Experience SCC-H		3-4	Biology Selective II	Biology I
4	Biology Selective I		0-2	Biology Selective II or Free Elective	
3	Technical Writing or Free Elective		6	Free Elective	
2	Free Elective				
15-18			**15-18**		

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.*