

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.

| 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 | | |
| 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 Interdisciplinary Science – Concentration in Mathematics Degree Progression Guide

The College of Science has *suggested* the following degree progression guide for the Interdisciplinary Science – Concentration in Mathematics 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, C- or higher |
| 3-4 | ENGL 10600/10800 SCC-A | | 3-4 | Language II Option SCC-E | Language I |
| 3-4 | Language I Option SCC-E | | 3 | Free Elective | |
| 4 | Physics Selective I SCC-G | ALEKS 85 | 4 | Physic Selective II SCC-G | Physics I |
| 1 | Free Elective | | 1 | Free Elective | |
| 15-18 | | | 15-17 | | |

| Credit | Fall 2nd Year | Prerequisite | Credit | Spring 2nd Year | Prerequisite |
|--------------|---|---------------------------------|-----------|--|---------------------------|
| 4 | MA 26100 or MA 27101 | MA 16200 or 16600, C- or higher | 3 | MA 35100 | MA 26100, C- or higher |
| 3 | Supporting Area Course | | 3 | Supporting Area Course | |
| 3-4 | Language III/Culture/Diversity Option SCC-E | See Course Info | 3 | STAT 35000/50300/51100 SCC-J | Calculus II, C- or higher |
| 3 | EAPS Selective | | 3 | Technical Presentation (COM 21700) SCC-B | |
| 0 | Teambuilding and Collaboration Experience | | 3 | General Education I Option SCC-D | |
| 3-4 | Computing Option SCC-K | | | | |
| 16-18 | | | 15 | | |

| Credit | Fall 3rd Year | Prerequisite | Credit | Spring 3rd Year | Prerequisite |
|--------------|-----------------------------------|--------------|--------------|---|--------------|
| 3-4 | MA 36600 or MA 26200 | Varies | 3 | MA Elective 30000+ | Varies |
| 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 Option SCC-D | Calculus I | 3 | General Education III Option SCC-D | |
| 1 | Free Elective | | 3 | Free Elective | |
| 14-16 | | | 16-17 | | |

| Credit | Fall 4th Year | Prerequisite | Credit | Spring 4th Year | Prerequisite |
|-----------|------------------------------------|------------------------|--------------|---------------------------------------|---|
| 3 | MA 45300 or 4500 or 34100 or 44000 | MA 35100, C- or higher | 3 | Great Issue Option SCC-F | Jr/Sr Standing; may require COM or ENGL |
| 3 | Supporting Area Course | | 3 | Supporting Area Course | |
| 3 | Multidisciplinary Experience SCC-H | | 3-4 | Biology Selective II | Biology I |
| 4 | Biology Selective I | | 2 | Biology Selective II or Free Elective | |
| 3 | Technical Writing or Free Elective | | 3 | Free Elective | |
| 16 | | | 14-15 | | |

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.