



Plan of Study¹ – Kankakee Community College

First Year

Fall Semester		Hours
MATH 2515	Calculus & Analytical Geometry I	5
CHEM 1614	General Chemistry I	4
General education or elective ²		3
General education or elective ²		3
Semester Hours		15
Spring Semester		
MATH 2524	Calculus & Analytical Geometry II	4
CHEM 1624	General Chemistry II	4
PHYS 2614	Physics I	4
COSC 2613	C++ Programming for STEM Majors	3
Semester Hours		15

*CS Articulation will be determined upon meeting with your Engineering Pathways Advisor

¹ Engineering Pathways is a cohort-based experience. As such, all technical coursework in the plan of study must be completed as listed and for a grade while enrolled in the program – this includes mathematics, physics, computer science, chemistry, and engineering.

² Requests to enroll in a course other than a transferable Gen Ed (see General Education Categories) must be pre-approved by an Engineering Pathways advisor at UIUC.



The Grainger College of Engineering Engineering Pathways

Second Year

Fall Semester

MATH 2534	Calculus & Analytical Geometry III	4
PHYS 2624	Physics II	4
EGR 2503	Statics	3
Major-specific technical course ³		3
General education or elective ⁴		3
Semester Hours		17

Spring Semester

PHYS 2634	Physics III	4
Major-specific technical course		3
Major-specific technical course		3
Major-specific technical course		3
General education or elective ⁴		3
Semester Hours		16
Electives		6
Total Hours:		69

General Education Categories⁵

Composition I	<i>ENGL 1613 & ENGL 1623</i>	4-6
Advanced Composition	<i>typically completed after transfer</i>	
Humanities & the Arts		3
Humanities & the Arts		3
Social & Behavioral Sciences	<i>ECON 1553 or ECON 1563 or PSYC 1813</i>	3
Social & Behavioral Sciences		3
Western/Comparative Cultures		
Non-Western Cultures		
US Minority Cultures		
Language Other Than English (LOTE)		

³ Major-specific technical courses will be selected in consultation with a program advisor.

⁴ Optional if the four major-specific technical courses for the semester total at least 15 hours.

⁵ It is not mandatory that all UIUC General Education categories be completed prior to transfer. However, it is important adequate progress be made; otherwise, time to degree completion may be extended.