



Plan of Study¹ – John A. Logan College

First Year

Fall Semester		Hours
MAT 131	Calculus I	5
CHM 151	Chemical Principles	5
SCI 100 (or ORI 100)	STEM Fundamentals	1
General education or elective ²		3
General education or elective ²		3
Semester Hours		17
Spring Semester		
MAT 201	Calculus II	5
CHM 152	Chemical Principles with Qualitative Analysis	5
PHY 205	University Physics I	5
CPS 206	Computer Science I	4
Semester Hours		19

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

MAT 202	Calculus III	3
PHY 206	University Physics II	5
PHY 201	Statics	3
Major-specific technical course ³		3
General education or elective ⁴		3
Semester Hours		17

Spring Semester

Major-specific technical course		3
Major-specific technical course		3
Major-specific technical course		3
Major-specific technical course		3
General education or elective ⁴		3
Semester Hours		15
Electives		1
Total Hours:		69

General Education Categories⁵

Composition I	<i>ENG 101 & ENG 102</i>	4-6
Advanced Composition	<i>typically completed after transfer</i>	
Humanities & the Arts		3
Humanities & the Arts		3
Social & Behavioral Sciences	<i>ECO 201 or ECO 202 or PSY 132</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.