



Plan of Study¹ – Parkland College

First Year – Option 1

Fall Semester		Hours
MAT 128	Calculus/Analytic Geometry I	5
CHE 141	General Chemistry I	5
ENG 199 (UIUC) and FYE 101	Introduction to Engineering	3
CS 124 (UIUC) or CSC 123	Introduction to Computer Science I	3
Semester Hours		16
Spring Semester		
MAT 129	Calculus/Analytic Geometry II	4
CHE 142	General Chemistry II	5
PHY 141	Mechanics	4
General education or elective ²		3
Semester Hours		16

First Year – Option 2

Fall Semester		
MAT 128	Calculus/Analytic Geometry I	5
CHE 141	General Chemistry I	5
ENG 199 (UIUC) and FYE 101	Introduction to Engineering I	3
General education or elective ²		3
Semester Hours		16
Spring Semester		
MAT 129	Calculus/Analytic Geometry II	4
CHE 142	General Chemistry II	5
PHY 141	Mechanics	4
CS 124 (UIUC) or CSC 123	Introduction to Computer Science I	3
Semester Hours		16

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.



Second Year

Fall Semester

MAT 228	Calculus/Analytic Geometry III	4
PHY 142	Electricity/Magnetism	4
ENS 201	Engineering Mechanics I (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 **5**

Total Hours: **69**

General Education Categories⁵

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