Plan of Study[1] – Shawnee Community College

First Year – Option 1

Fall Semester		Hours
MAT 0209	Calculus I	5
CHE 0114	Inorganic Chemistry I	5
COM 0231*	C Programming	3
General education or elective[2]		3
	Semester Hours	**16**

Spring Semester		
MAT 0211	Calculus II	5
CHE 0115	Inorganic, Organic, and Biochem	5
PHY 0216	University Physics I	4
General education or elective[2]		3
	Semester Hours	**17**

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

First Year – Option 2

Fall Semester		
MAT 0209	Calculus I	5
CHE 1104	Inorganic Chemistry I	5
General education or elective[2]		3
General education or elective[2]		3
	Semester Hours	**16**

Spring Semester		
MAT 0211	Calculus II	5
CHE 0115	Inorganic, Organic, and Biochem	5
PHY 0216	University Physics I	4
COM 0231*	C Programming	3
	Semester Hours	**17**

[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 0212	Calculus III	5
PHY 0217	University Physics II	5
TAM*	Engineering Statics	3
Major-specific technical course[3]		3
	Semester Hours	**16**

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**

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

General Education Categories[5]

Composition I	*ENG 0111 & ENG 0112*	4-6
Advanced Composition	*typically completed after transfer*	
Humanities & the Arts		3
Humanities & the Arts		3
Social & Behavioral Sciences	*ECO 0211 or ECO 0212 or PSY 0211*	3
Social & Behavioral Sciences		3
Western/Comparative Cultures		
Non-Western Cultures		
US Minority Cultures		
Language Other Than English (LOTE)		

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[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.