



## Plan of Study<sup>1</sup> – South Suburban College

### First Year – Option 1

Fall Semester		Hours
MTH 190*	Calculus and Analytic Geometry I	5
CHM 113	General Chemistry I	5
MIS 216	Java Programming Introduction	3
General education elective <sup>2</sup>		3
Semester Hours		16
Spring Semester		
MTH 203	Calculus and Analytic Geometry II	5
CHM 114	General Chemistry II	5
PHY 210*	University Physics I	4
General education elective		3
Semester Hours		17

\*Calculus and Physics Availability will be determined upon meeting with your Engineering Pathways Advisor

### First Year – Option 2

Fall Semester		
MTH 190*	Calculus and Analytic Geometry I	5
CHM 113	General Chemistry I	5
General education elective <sup>2</sup>		3
General education elective <sup>2</sup>		3
Semester Hours		16
Spring Semester		
MTH 203*	Calculus and Analytic Geometry II	5
CHM 114	General Chemistry II	5
PHY 210*	University Physics I	4
MIS 216	Java Programming Introduction	3
Semester Hours		17

<sup>1</sup> 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.

<sup>2</sup> 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

MTH 204*	Calculus and Analytic Geometry III	5
PHY 211*	University Physics II	4
EGR 203	Statics	3
Major-specific technical course <sup>3</sup>		3
<b>Semester Hours</b>		<b>15</b>

#### 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 <sup>4</sup>		3
<b>Semester Hours</b>		<b>15</b>
<b>Electives</b>		<b>6</b>
<b>Total Hours:</b>		<b>65</b>

#### General Education Categories<sup>5</sup>

Composition I	<i>ENGL 101 &amp; 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 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)		

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

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

<sup>5</sup> 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.