



## Plan of Study<sup>1</sup> – Danville Area Community College

### First Year – Option 1

Fall Semester		Hours
MATH 120	Calculus & Analytic Geometry I	5
CHEM 101	General Chemistry I	4
MATH 110	Intro to Computer Science	3
General education or elective <sup>2</sup>		3
Semester Hours		15
Spring Semester		
MATH 130	Calculus & Analytic Geometry II	5
CHEM 102	General Chemistry II	4
PHYS 106	Physics - Mechanics	4
General education or elective <sup>2</sup>		3
Semester Hours		16

### First Year – Option 2

Fall Semester		
MATH 120	Calculus & Analytic Geometry I	5
CHEM 101	General Chemistry I	4
General education <sup>2</sup>		3
General education or elective <sup>2</sup>		3
Semester Hours		15
Spring Semester		
MATH 130	Calculus & Analytic Geometry II	5
CHEM 102	General Chemistry II	4
PHYS 106	Physics - Mechanics	4
MATH 110	Intro to Computer Science	3
Semester Hours		16

<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

MATH 140	Calculus & Analytic Geometry III	3
PHYS 107	Physics-Heat/Magnetism	4
PHYS 152	Applied Mechanics - Statics	3
Major-specific technical course <sup>3</sup>		3
General education or elective <sup>4</sup>		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 <sup>4</sup>		3
Semester Hours		15
Electives		7
Total Hours:		69

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

Composition I & II	ENGL 101 & ENGL 102	6
Advanced Composition	typically completed after transfer	
Humanities & the Arts		3
Humanities & the Arts		3
Social & Behavioral Sciences	CECN 102 or CECN 103 or PSYC 100	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.



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