ENGINEERING PATHWAYS

Plan of Study[1] – Wilbur Wright College

First Year – Option 1		
Fall Semester		**Hours**
MATH 207	Calculus & Analytic Geometry I	5
CHEM 201	General Chemistry I	5
ENGR 111	Engineering Success Seminar	3
CIS 142	C++ Object Oriented Programming I	3
General education or elective[2]		3
	Semester Hours	**19**
Spring Semester		
MATH 208	Calculus & Analytic Geometry II	5
CHEM 203	General Chemistry II	5
PHYSICS 235	Engineering Physics I: Mechanics & Wave Motion	5
General education or elective		3
	Semester Hours	**18**

First Year – Option 2		
Fall Semester		
MATH 207	Calculus & Analytic Geometry I	5
CHEM 201	General Chemistry I	5
ENGR 111	Engineering Success Seminar	3
General education or elective		3
General education or elective		3
	Semester Hours	**19**
Spring Semester		
MATH 208	Calculus & Analytic Geometry II	5
CHEM 203	General Chemistry II	5
PHYSICS 235	Engineering Physics I: Mechanics & Wave Motion	5
CIS 142	C++ Object Oriented Programming I	3
	Semester Hours	**18**

[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] Course may be successfully completed for a letter grade prior to the first year, fall semester.

Second Year		
Fall Semester		
MATH 209	Calculus & Analytic Geometry III	5
PHYSICS 236	Engineering Physics II: Electricity & Magnetism	5
PHYSICS 215	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	**1**
	Total Hours:	**69**

General Education Categories[5]		
Composition I	*ENGLISH 101 & ENGLISH 102*	4-6
Advanced Composition	*typically completed after transfer*	
Humanities & the Arts		3
Humanities & the Arts		3
Social & Behavioral Sciences	*ECON 201 or ECON 202*	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.