

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

First Year - Option 1		
Fall Semester		Hours
MAT 250	Calculus I	5
CHM 121	General College Chemistry I	4
CSC 155 (or CSC 156 or CSC 157)	C++ Computer Science I	3
General education or elective		3
	Semester Hours	15
Spring Semester		
MAT 251	Calculus II	4
CHM 122	General College Chemistry II	4
PHY 221	Engineering Physics I	5
General education or elective		3
General education or elective		
	Semester Hours	16
General education or elective First Year – Option 2 Fall Semester	Semester Hours	16
First Year - Option 2	Semester Hours Calculus I	16
First Year – Option 2 Fall Semester		
First Year – Option 2 Fall Semester MAT 250	Calculus I	5
First Year – Option 2 Fall Semester MAT 250 CHM 121	Calculus I	5
First Year - Option 2 Fall Semester MAT 250 CHM 121 General education or elective	Calculus I	5 4 3
First Year - Option 2 Fall Semester MAT 250 CHM 121 General education or elective	Calculus I General College Chemistry I	5 4 3 3
First Year - Option 2 Fall Semester MAT 250 CHM 121 General education or elective General education or elective	Calculus I General College Chemistry I	5 4 3 3
First Year - Option 2 Fall Semester MAT 250 CHM 121 General education or elective General education or elective Spring Semester	Calculus I General College Chemistry I Semester Hours	5 4 3 3 15
First Year - Option 2 Fall Semester MAT 250 CHM 121 General education or elective General education or elective Spring Semester MAT 251	Calculus I General College Chemistry I Semester Hours Calculus II	5 4 3 3 15 4
First Year - Option 2 Fall Semester MAT 250 CHM 121 General education or elective General education or elective Spring Semester MAT 251 CHM 122	Calculus I General College Chemistry I Semester Hours Calculus II General College Chemistry II	5 4 3 3 15 4 4 4

<sup>&</sup>lt;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>&</sup>lt;sup>2</sup> CSC 170/171 or CSC 170/173 is also an option for students interested in majors other than CS and ECE.

## **Second Year**

Fall Semester		
MAT 252	Calculus III	4
PHY 222	General Physics II	5
ENG 211	Analytic Mechanics (Statics)	3
Major-specific technical course <sup>3</sup>		3
	Semester Hours	15
Spring Semester		
Major-specific technical course		3
General education or elective <sup>4</sup>		3
	Semester Hours	15
	Electives	8
	Total Hours:	69

Advanced Compositiontypically completed after transferHumanities & the ArtsImage: Composition of the ArtsHumanities & the ArtsImage: Composition of the ArtsSocial & Behavioral SciencesECO 201 or ECO 202 or PSY 101	General Education Categories <sup>5</sup>		
Humanities & the Arts       Image: Comparison of the Arts         Humanities & the Arts       Image: Comparison of the Arts         Social & Behavioral Sciences       ECO 201 or ECO 202 or PSY 101         Social & Behavioral Sciences       Image: Comparative Cultures         Western/Comparative Cultures       Image: Comparative Cultures	Composition I	EGL 101 & EGL 102	4-6
Humanities & the Arts       Image: Social & Behavioral Sciences       ECO 201 or ECO 202 or PSY 101       Image: Social & Behavioral Sciences         Social & Behavioral Sciences       Image: Social & Behavioral Sciences       Image: Social & Behavioral Sciences       Image: Social & Behavioral Sciences         Western/Comparative Cultures       Image: Social & Behavioral Sciences       Image: Social & Behavioral Sciences       Image: Social & Behavioral Sciences         Non-Western Cultures       Image: Social & Behavioral Sciences       Image: Social & Behavioral & Social & Behavioral & Social & Behaviora	Advanced Composition	typically completed after transfer	
Social & Behavioral Sciences       ECO 201 or ECO 202 or PSY 101       Image: Social & Behavioral Sciences         Social & Behavioral Sciences       Image: Social & Behavioral Sciences       Image: Social & Behavioral Sciences         Western/Comparative Cultures       Image: Social & Behavioral Sciences       Image: Social & Behavioral Sciences	Humanities & the Arts		3
Social & Behavioral Sciences Western/Comparative Cultures Non-Western Cultures	Humanities & the Arts		3
Western/Comparative Cultures Non-Western Cultures	Social & Behavioral Sciences	ECO 201 or ECO 202 or PSY 101	3
Non-Western Cultures	Social & Behavioral Sciences		3
	Western/Comparative Cultures		
US Minority Cultures	Non-Western Cultures		
	US Minority Cultures		
Language Other Than English (LOTE)	Language Other Than English (LOTE)		

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

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

<sup>&</sup>lt;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.