

Engineering First Year

All engineering students join the College as part of our Engineering First Year Program. Our objectives in the Engineering First Year Program are to welcome students to the College, get them connected to important resources, help them learn about engineering as a profession and help them explore all of their academic options prior to joining a department. Here is what you can expect during your first year.

Code	Title	Hours	Counts towards
Fall Semester			
CH 101 & CH 102	Chemistry - A Molecular Science and General Chemistry Laboratory	4	
E 101	Introduction to Engineering & Problem Solving	1	
E 115	Introduction to Computing Environments	1	
ENG 101	Academic Writing and Research	4	
	or FLE 101		
MA 141	Calculus I	4	
HES GEP		1	
Spring Semester			
E 102	Engineering in the 21st Century	2	
PY 205 & PY 206	Physics for Engineers and Scientists I and Physics for Engineers and Scientists I Laboratory	4	
MA 241	Calculus II	4	
EC 205	Fundamentals of Economics	3	
GEP or Major Requirement		3	
Total Hours		31	

This is a sample.

Course	Title	Hours
First Year		
Fall Semester		
CH 101 & CH 102	Chemistry - A Molecular Science and General Chemistry Laboratory	4
E 101	Introduction to Engineering & Problem Solving	1
E 115	Introduction to Computing Environments	1
MA 141	Calculus I	4
ENG 101	Academic Writing and Research	4
	or FLE 101	

GEP HES Class		1
Hours		15
Spring Semester		
E 102	Engineering in the 21st Century	2
PY 205 & PY 206	Physics for Engineers and Scientists I and Physics for Engineers and Scientists I Laboratory	4
MA 241	Calculus II	4
EC 205	Fundamentals of Economics	3
GEP or Major Requirement		3
Hours		16
Total Hours		31