



TENTATIVE
 entering Fall 2017 or later

137 credits

First Year

Fall			Spring			Summer		
3150:151	Principles of Chemistry I	3	3650:291	Physics I	4			
3150:152	Principles of Chem I Lab	1	4450:220	Digital Logic Design	4			
3300:111	English Composition I	3	3300:112*	English Composition II	3			
3450:221	Analytic Geometry-Calculus I	4	3450:222	Analytic Geometry-Calculus II	4			
4450:101	Tools for Computer Engineering	3	3450:208	Discrete Math	4			
14			19					

Second Year

Fall			Spring			Summer		
3650:292	Elementary Classical Physics II	4	4450:320	Computer Systems	3			
3460:209	Computer Science I	4	3460:210	Computer Science II	4			
	Speaking Elective	3		Humanities	3-4	4100:300	<i>Possible Co-op</i>	
3450:223	Analytic Geometry-Calculus III	4	3450:335	Intro. To Ordinary Differential Equations	3			
4400:230	Circuits I Lab	1	4400:330	Circuits II Lab	1			
4400:231	Circuits I	3	4400:332	Circuits II	3			
19			17-18					

Third Year

Fall			Spring			Summer		
4400:340	Signals & Systems	4				3470:401	Prob. & Stat. for Engineers	2
4400:360	Physical Electronics	3					Social Science Elective (GD)	3
4450:325	Operating Systems Concepts	3	4100:301	<i>Mandatory Co-Op</i>		4450:302	<i>Research II (Optional)</i>	1
4450:422	Embedded Systems Interfacing	3						
	Social Science Elective (DD)	3						
4450:301	<i>Research I (Optional)</i>	1						
16-17						5-6		

Fourth Year

Fall			Spring			Summer		
			4450:309	Design Project Seminar	1			
			4450:367	VLSI Design	3			
4100:302	<i>Mandatory Co-Op</i>		4450:420	Computer Systems Design	3	4100:403	<i>Mandatory Co-Op</i>	
			4450:427	Computer Networks	3			
			4450:440	Digital Signal Processing	3			
			4450:303	<i>Research III (Optional)</i>	1			
			13-14					

Fifth Year

Fall			Spring			Summer		
4450:401	Senior Design Project I (CT)	2	4450:402	Senior Design Project II (CS)	3			
	Computer Engineering Elective	3		Computer Engineering Elective	3			
	Computer Engineering Elective	3		Computer Engineering Elective	3			
	Computer Engineering Elective	3		Computer Engineering Elective	3			
	Arts Elective	3		Humanities or Arts Elective	3			
14			15					

Notes:

*While 3300:112 English Composition II is preferred, 2020:222 Technical Report Writing is accepted to fulfill the English composition elective.
 See Undergraduate Bulletin for Approved General Education Courses

Up to three credits of undergraduate research in Computer Engineering may be applied to program requirements as Computer Engineering Electives
 Students may take at most one credit of undergraduate research in a semester.

See Electrical and Computer Engineering Departmental Office for Approved Computer Engineering Electives (including Breadth and Depth requirements)