

Computer Engineering

Computer Engineering										
MTH 201 Five year plan										
Fall			Winter			Summer				
1st Year										
MTH 201	Calculus I	4	MTH 202	Calculus II	4					
WRT 150	Strategies in Writing	4	CHM 125+126	Chemistry I	4					
EGR 100	Intro to EGR	1	EGR 108	Applied Program for EGR II	2					
EGR 111	Intro to EGR Graphics	1	EGR 113	Intro to CAD/CAM	1					
EGR 104	Applied Program for EGR I	2	General Education		3					
General Education		3								
		15				14				
2nd Year										
MTH 202	Calculus II	4	Winter Semester in Buenos Aires							
EGR 185	First-Year EGR Design	2	MTH 302	Linear Algebra/Diff Eq	4					
STA 220	Statistical Modeling for EGR	2	PHY 230	Physics I	5					
EGR 220	EGR Measure & Data	1	General Education		3					
General Education (select 2)		6	General Education							3
PHY 230	Physics I	5	EGR 214	Circuit Analysis I	3					
			MTH 204	Linear Algebra	3					
			MTH 304	Differential Equations	3					
		14				12				
3rd Year										
PHY 231	Physics II	5	CIS 163	Computer Science II	4	EGR 290	Engineering Co-op I	3	6	
EGR 224	Intro to Digital System	3	EGR 223	Prob & Signal Analysis	3	General Education		3		
EGR 226	Microcontroller Program	3	EGR 214	Circuit Analysis I	3					
EGR 227	Microcontroller Program Lab	1	EGR 215	Circuit Analysis I Lab	1					
CIS 159	Obj. Oriented Prog. For EGR	1	General Education			3				
EGR 289	EGR Professionalism	1	General Education			3				
		14				14				
4th Year										
EGR 314	Circuit Analysis II	4	EGR 390	Engineering Co-op II	3	CIS 241	Sys-level Progr. & Util	3		
EGR 315	Electronic Circuits I	4	General Education			3	CIS 350	Intro to Software EGR		3
EGR 326	Embedded Sys. Design	4					CIS 263	Data Struct & Algorith		3
General Education		3					ECO 210/211	Economics		3
		15				6				12
5th Year										
EGR 490	Engineering Co-op III	3	EGR 485	Senior EGR Project I	1	EGR 486	Senior EGR Project II	2	8-9	
		3	CIS 452	Operating Sys Concepts	3	CE Elective		3-4		
			CE Elective		3-4	General Education		3		
			CE Elective		3-4					
					10-12					