

Electrical 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			
PHY 230	Physics I	5	EGR 224	Intro to Digital System	3			
STA 220	Statistical Modeling for EGR	2	EGR 226	Microncontroller Program	3			
EGR 220	EGR Measure & Data	1	EGR 227	Microncontroller Program Lab	1			
			General Education		3			
			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	EGR 223	Prob & Signal Analysis	3	EGR 290	Engineering Co-op I	3
EGR 214	Circuit Analysis I	3	EGR 257	Elec. Materials & Devices	4	General Education		3
EGR 215	Circuit Analysis I Lab	1	General Education		3	EGR 215	Circuit Analysis I Lab	1
ECO 210/211	Economics	3	General Education		3			
EGR 289	EGR Professionalism	1	EGR 226	Microncontroller Program	3			
EGR 224	Intro to Digital System	3	EGR 227	Microncontroller Program Lab	1			
		12			14			
						7		
4th Year								
EGR 314	Circuit Analysis II	4	EGR 390	Engineering Co-op II	3	EGR 330	Power Sys. Analysis	4
EGR 315	Electronic Circuits I	4	General Education		3	EGR 343	Appl. Electromagnetics	4
EGR 326	Embedded Sys. Design	4				EGR 323	Signals & Sys. Analysis	3
						General Education		3
		12			6			14
5th Year								
EGR 490	Engineering Co-op III	3	EGR 485	Senior EGR Project I	1	EGR 486	Senior EGR Project II	2
EE Elective		3-4	EE Elective		3-4	EE Elective		3-4
			EE Elective		3-4			
			General Education		3			
			General Education		3			
		6-7			13-15			
						5-6		