

Electrical Engineering, Biomed+EE

Four year plan

Fall			Winter			Summer		
1st Year								
MTH 201	Calculus I	4	MTH 202	Calculus II	4	MTH 203	Calculus III	4
WRT 150	Strategies in Writing	4	PHY 230	Physics I	5			
EGR 100	Intro to EGR	1	EGR 113	Intro to CAD/CAM	1			
EGR 111	Intro to EGR Graphics	1	EGR 185	First-Year EGR Design	2			
EGR 112	Applied Programming for EGR	2	STA 220	Statistical Modeling for EGR	2			
CHM 125+126	Chemistry 1	4	EGR 220	EGR Measure & Data	1			
		16		15				
4								
2nd Year								
Fall in Spain			Winter			Summer		
EGR 214	Circuit Analysis I	3	MTH 302	Linear Algebra/Diff Eq	4	EGR 290	Engineering Co-op I	3
EGR 215	Circuit Analysis I Lab	1	EGR 223	Prob & Signal Analysis	3			
EGR 224	Intro to Digital System	3	EGR 257	Elec. Materials & Devices	4			
EGR 226	Microcontroller Program	3						
EGR 227	Microcontroller Program Lab	1						
EGR 289	EGR Professionalism	1	PHY 231	Physics II	5			
		11						
6								

MTH 124 Five year plan

Fall			Winter			Summer		
1st Year								
MTH 124	Precalculus: F&M	5	MTH 201	Calculus I	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			
		13			14			
2nd Year								
MTH 202	Calculus II	4	MTH 203	Calculus III	4			
EGR 185	First-Year EGR Design	2	PHY 231	Physics II	5			
PHY 230	Physics I	5	STA 220	Statistical Modeling for EGR	2			
EGR 289	EGR Professionalism	1	EGR 220	EGR Measure & Data	1			
			General Education		3			
		12			15			
3rd Year								
Fall in Spain			Winter			Summer		
EGR 214	Circuit Analysis I	3	EGR 223	Prob & Signal Analysis	3	EGR 290	Engineering Co-op I	3
EGR 215	Circuit Analysis I Lab	1	EGR 257	Elec. Materials & Devices	4	General Education		3
EGR 224	Intro to Digital System	3	ECO 210/211	Economics	3			
EGR 226	Microcontroller Program	3	MTH 302	Linear Algebra/Diff Eq	4			
EGR 227	Microntroller Program Lab	1						
		11			14	6		
		6-7			13-15	5-6		

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 203	Calculus III	4	MTH 302	Linear Algebra/Diff Eq	4			
EGR 185	First-Year EGR Design	2	STA 220	Statistical Modeling for EGR	2			
PHY 230	Physics I	5	EGR 220	EGR Measure & Data	1			
EGR 289	EGR Professionalism	1	PHY 231	Physics II	5			
ECO 210/211	Economics	3	General Education		3			
		15				15		
3rd Year								
Fall in Spain			Winter			Summer		
EGR 224	Intro to Digital System	3	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 226	Microcontroller Program	3	General Education			3		
EGR 227	Microcontroller Program Lab	1						
		11				13		
						6		