

Bioengineering Lourdes Premed Flowchart

1ST YEAR					2ND YEAR					3RD YEAR			4TH YEAR		5TH YEAR																		
Fall	Spring	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Summer	Fall	Spring	Fall	Spring	Summer	CIVE 1150																	
Differential Equations MTH 305 3 hrs										Biomedical Electronics BIOE 3300 3 hrs			Senior Design Project I BIOE 4410 3 hrs		Senior Design Project II BIOE 4420 3 hrs																		
Technical Writing ENGL 2950 3 hrs					Biomaterials BIOE 2200 3 hrs					Biotransport Phenomena BIOE 3400 3 hrs			BIOE Technical Elective 3 hrs		BIOE Technical Elective 3 hrs																		
Professional Development BIOE 1010 1 hr										Co-op Experience BIOE 3940 1 hr			Co-op Experience BIOE 3940 1 hr		Co-op Experience BIOE 3940 1 hr																		
HUM/SS/MC Elective 3 hrs										Bioprocessing Laboratory BIOE 3500 3 hrs			Bioelectronics Laboratory BIOE 4140 2 hrs		Technical Elective 3 hrs		HUM/SS/MC Elective 3 hrs																
COM 100 Elective 3 hrs					Fund. Life Science Lab II BIL 201 1 hr					Physiology for Bioengineers BIOE 4100 3 hrs			Analysis of BIOE Systems BIOE 4300 3 hrs		HUM/SS/MC Elective 3 hrs																		
					Cell Biology Laboratory BIL 307 2 hrs					Computer Applications BIOE 1200 3 hrs					HUM/SS/MC Elective 3 hrs																		
					Physics I PHYS 2130 5 hrs					Physics II PHYS 2140 5 hrs																							
PSY 110 Elective 3 hrs																																	
15 hours					17 hours					18 hours			16 hours		13 hours		15 hours			1 hour		Optional		1 hour		14 hours		1 hour		12 hours		12 hours	