

SURVEYING AND GEOMATICS SCIENCES PROGRAM

TU -- 2 years -- TRANSFER STUDENT PLAN

Recommended Sequence of Core Courses

Year	Fall		Spring		Summer		
1st	GEM 1100 Computer-Aided Drafting	2					
	GEM L100 Computer-Aided Drafting Lab	2					
	GEM 2220 Basics of Surveying	3	GEM 3330 Advanced Measurement Analysis	3	GEM 3395 Coop Work Experience 1	1	
	GEM L220 Basics of Surveying Lab	1	GEM L330 Advanced Measurement Analysis Lab	1			
			GEM 4408 Geodesy and Geodetics	3			
			GEM L408 Geodesy and Geodetics Lab	1			
	GEM 3390 Introduction to GIS	3	GEM 3391 Applications of GIS	3			
	GEM L390 Introduction to GIS Lab	1	GEM L391 Applications of GIS Lab	1			
	Subtotal		12	Subtotal		12	1
	2nd	GEM 3379 Intro to Least Squ Adj.	3	GEM 4410 Intro to Global Positions	3		
GEM L379 Intro to Least Squ Adj Lab		1	GEM L410 Intro to Global Positions Lab	1			
GEM 3366 Photogrammetry and RS		3			GEM 4496 Coop Work Experience 11	1	
GEM L366 Photo and RS Lab		1	GEM 4405 Route and Construction Survey	3			
			GEM L405 Route and Construction Survey Lab	1			
GEM 3309 Land Survey Principles		3	GEM 3310 Land Survey Practice	3	GEM L310 Boundary Retracement Lab	1	
GEM L309 Land Survey Principles Lab		1					
GEM 4409 Hydrology		3	GEM 4407 Land Development	3			
GEM L409 Hydrology Lab		1	GEM L407 Land Development Lab	1			
			GEM 4499 Geomatics / GIS Projects	2			
		GEM 4490 Geomatics Capstone	1				
Subtotal		16	Subtotal		16/18	2	