

SURVEYING AND GEOMATICS SCIENCES PROGRAM

TU -- 2 years -- TRANSFER STUDENT PLAN (From Fall 2017)

Recommended Sequence of Core Courses

Year	Fall	Spring	Summer		
1st	GEM 1100 Computer-Aided Drafting 1	2	GEM 1101 Computer-Aided Drafting 11	2	
	GEM 2220 Basics of Surveying GEM L220 Basics of Surveying Lab	3 1	GEM 3330 Advanced Measurement Analysis GEM L330 Advanced Measurement Analysis Lab	3 1	GEM 3395 Coop Work Experience 1
			GEM 4408 Geodesy and Geodetics	3	
	GEM 3366 Photogrammetry and RS	3			
	GEM 3390 Fundamentals of Geographical Information and Analysis	3	GEM 3391 Application of Geospatial Information Systems	3	
	Subtotal	12	Subtotal	12	1
2nd	GEM 3379 Intro to Least Squ Adj.	3	GEM 4499 Geomatics / GIS Projects GEM 4490 Geomatics Capstone	2 1	GEM 4496 Coop Work Experience 11
	GEM 4410 Intro to Global Positions	3	GEM 4405 Route and Construction Survey GEM L405 Route and Construction Survey Lab	3 1	
	GEM 3309 Land Survey Principles GEM L309 Land Survey Principles Lab	3 1	GEM 3310 Land Survey Practice GEM L310 Land Survey Practice Lab	3 1	
	GEM 4409 Hydrology GEM L409 Hydrology Lab	3 1	GEM 4407 Land Development GEM L407 Land Development Lab	3 1	
	Subtotal	14	Subtotal	13/15	Subtotal
					1