GEOLOGICAL ENGINEERING, BASc. (for Class of 2029)

STUDENT NAME: _____

					DATE:	
COMPLETE	**IN PROGRESS**	**CODE**	**TITLE**	**TERM**	**UNITS**	**COMMENTS**
		APSC100	Engineering Practice - 3 Modules:	F/W	8.7	
		APSC 101	Engineering Design & Practice			
		APSC 102	Experimentation			
		APSC 103	Engineering Design Project			
		APSC111	Physics I	F	3.3	
		APSC131	Chemistry and Materials	F	3.3	
		APSC143	Computer Programming for Engineers	F	3.3	
		APSC151	Earth Systems Engineering	F	3.3	
		APSC171	Calculus I	F	3.3	
		APSC112	Physics II	W	3.3	
		APSC132	Chemistry and its Applications	W	3.3	
		APSC162	Basic Engineering Graphics	W	2.5	
		APSC172	Calculus II	W	3.3	
		APSC174	Introduction to Linear Algebra	W	3.3	
		APSC182	Applied Engineering Mechanics	W	1.7	
		APSC 199	English Proficiency for Engineers	W	0.0	

SECOND YEAR

		MTHE 224	Applied Math for Civil Engineers	F	3.9	
		CIVL 230	Introduction to Solid Mechanics	F	4.2	
		GEOE 207	History of Life	F	3.5	
		GEOE 221	Geological Engineering Field Methods	F	5.0	
		GEOE 232	Mineralogy	F	4.5	
		GEOE 281	Intro to Geological Engineering	F	3.5	
		APSC 221	Economics and Business Practices in Engineering	W	3.0	
		APSC 200	Engineering Design and Practice II	W	4.0	
		APSC 293	Engineering Communications	W	1.0	
		CIVL 250	Hydraulics I	W	4.0	
		GEOE 235	Genesis and Characterization of Solid Earth Materials	W	4.0	
		GEOE 238	Surficial Processes, Sedimentation and Stratigraphy	W	4.0	
		GEOE 249	Geophysical Characterization of the Earth	W	3.5	

THIRD YEAR

		GEOE 300	Geological Engineering Field School (August)	F	4.0	
		CIVL 340	Geotechnical Engineering I	F	3.7	
		GEOE 321	Analysis of Rock Structures	F	4.0	
		GEOE 359	Applied Quantitative Analysis in Geol. Engineering	F	3.5	
		GEOE 362	Resource Engineering	F	4.5	
		GEOE 365	Geochemical Characterization of the Earth	F	4.0	
		GEOE 313	Geomechanics and Engineering Geology	W	3.5	
		GEOE 319	Applied Geophysics	W	4.5	
		GEOE 333	Terrain Evaluation	W	4.0	
		GEOE 343	Hydrogeology	W	3.5	
		GEOE 345	Site Investigation and Geol Engineering Design	W	4.0	
		1 Technical Elective taken in Third year		F/W	3.5	

FOURTH YEAR

		GEOE 446	Engineering Design Project I	F	4	
		GEOE 447	Engineering Design Project II	W	5.5	
		1 Technical Elective Course		F/W	**17.5 Units**, of which 10 units from List A and 7.5 units from list B	
		1 Technical Elective Course				
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		1 Technical Elective Course				
		1 Complimentary Studies (HSS) Elective			3	
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NOTE that Elective requirements are by Credit.
A minimum of 17.5 Technical Elective Credits must be taken