Geological Engineering, B.A.Sc. (Class of 2022)

Name: _____

Complete	*In Progress*	**Second Year Common Core – 2018/19 (Class of 2021 Only)**	COMMENTS
		CHEE 209 Analysis of Process Data F | 3.5	
		CIVL 230 Solid Mechanics I F | 4.25	
		GEOE 207 History of Life F | 3.5	
		GEOE 221 Geological Engineering Field Methods F | 5	
		GEOE 232 Mineralogy F | 4.5	
		GEOE 281 Earth Systems Engineering F | 4	
		APSC 221 Economics and Business Practices in Engineering F/W/S | 3 *	
		APSC 200 Engineering Design and Practice II F/W | K4 *	
		APSC 293 Engineering Communications l F/W | K1 *	
		GEOE 235 Genesis and Characterization of Solid Earth Materials W | 4	
		GEOE 238 Surficial Processes, Sedimentation and Stratigraphy W | 4	
		GEOE 249 Geophysical Characterization of the Earth W | 3.5	
		MTHE 225 Ordinary Differential Equations F/W/S-OL | 3.5 *	

*Note: Students in GEOE take APSC 221, APSC 200, APSC 293 and MTHE 225 in the Winter term

Intersession (Taken in August before 3rd Year)

		GEOE 300 Geological Engineering Field School S | 4	

Third Year Common Core – 2019/20 (Class of 2021 only)

		GEOE 321 Analysis of Rock Structures F | 4	
		CIVL 340 Geotechnical Engineering I F | 3.75	
		CIVL 371 Groundwater Engineering F | 3.75	
		GEOE 365 Geochemical Characterization of the Earth F | 4	
		GEOE 359 Applied Quantitative Analysis in Geological Engineering F | 3.5	
		GEOE 313 Geomechanics and Rock Engineering Design W | 4	
		GEOE 362 Resource Engineering W | 4.5	
		GEOE 319 Applied Geophysics W | 4.5	
		GEOE 333 Terrain Evaluation W | 4	
		GEOE 345 Site Investigation & Geological Engineering Design W | 4	

+1 technical elective course *(see bottom of sheet for credit info)*

Fourth Year Common Core- 2019/20 (Class of 2020 only)

		GEOE 446 Engineering Design Project I F | K4	
		GEOE 447 Engineering Design Project II W | K5.5	
		Take ONE of GEOE 410 or GEOE 419 as Core (circle below)	

* GEOE 410 Geological Engineering Field School F | 4

* GEOE 419 Engineering Geophysics Field School S | 4

+3 HSS and remaining technical electives *(see credit info below)*

THREE HSS ELECTIVES (fill in below) LIST(A,B,C):

Minimum 17.5 Technical Elective Credits (any number of courses to meet this requirement) CREDITS:

		Must Contain one of: APSC 381, APSC 480, CIVL 215, CIVL 250, CIVL 341, CIVL 443, CIVL 471, GEOE 413, GEOE 462, MECH 270, MINE 321, or MINE 469 (Circle)	