

Geological Engineering, B.A.Sc., AUDIT SHEET (Class of 2027 and onward)

Name: _____

Complete	In Progress	First Year
		APSC 100 Engineering Practice - 3 modules:
		APSC 101 Engineering Design & Practice
		APSC 102 Experimentation
		APSC 103 Engineering Design Project
		APSC 199 English Proficiency for Engineers
		APSC 111 Physics I
		APSC 131 Chemistry of Materials & Processes
		APSC 141 and 142 Computer Programming for Engineers (or APSC 143)
		APSC 151 Earth Systems Engineering
		APSC 171 Calculus I
		APSC 112 Physics II
		APSC 132 Chemistry of Natural and Engineering Systems
		APSC 163 Engineering Graphics
		APSC 172 Calculus II
		APSC 174 Introduction to Linear Algebra
		APSC 182 Applied Engineering Mechanics

Term	Units	COMMENTS
F/W	8.7	
F/W	0.5	
F	3.3	
F	3.3	
F	3.3	
F	3.3	
F	3.3	
W	3.3	
W	3.3	
F	2.5	
W	3.3	
W	3.3	
W	1.7	

Complete	In Progress	Second Year
		CHEE 209 Analysis of Process Data
		CIVL 230 Solid Mechanics I
		GEOE 207 History of Life
		GEOE 221 Geological Engineering Field Methods
		GEOE 232 Mineralogy
		GEOE 281 Introduction to Geological Engineering
		APSC 221 Economics and Business Practices in Engineering
		APSC 200 Engineering Design and Practice II
		APSC 293 Engineering Communications II
		GEOE 235 Genesis and Characterization of Solid Earth Materials
		GEOE 238 Sedimentology and Stratigraphy
		GEOE 249 Geophysical Characterization of the Earth
		MTHE 225 Ordinary Differential Equations

Term	Units	COMMENTS
F	3.5	
F	4.25	
F	3.5	
F	5.0	
F	4.5	
F	4.0	
W	3.0	
W	4.0	
W	1.0	
W	4.0	
W	4.0	
W	3.5	
W	3.5	

Complete	In Progress	Third Year
		GEOE 321 Analysis of Rock Structures
		GEOE 300 Geological Engineering Field School
		CIVL 340 Geotechnical Engineering I
		GEOE 343 Applied Hydrogeology
		GEOE 365 Geochemical Characterization of the Earth
		GEOE 359 Applied Quantitative Analysis in Geological Engineering
		GEOE 313 Engineering Geology and Geomechanics
		GEOE 362 Resource Engineering
		GEOE 319 Applied Geophysics
		GEOE 333 Terrain Evaluation
		GEOE 345 Site Investigation & Geological Engineering Design

Term	Units	COMMENTS
F	4.0	
S	4.0	
F	4.0	
F	3.5	
F	4.0	
F	3.5	
W	4.0	
W	4.5	
W	4.5	
W	4.0	
W	4.0	

*Note: GEOE typically take one technical elective course in 3rd year

Complete	In Progress	Fourth Year
		GEOE 446 Engineering Design Project I
		GEOE 447 Engineering Design Project II
		+1 technical elective course (see notes for credit info)
		+1 technical elective course (see notes for credit info)
		+1 technical elective course (see notes for credit info)
		+1 technical elective course (see notes for credit info)
		+1 technical elective course (see notes for credit info)
		+1 complementary studies (HSS) elective
		+1 complementary studies (HSS) elective

Term	Units	COMMENTS
F	4.0	
W	5.5	
F/W	minimum: 17.5 units, of which 10 units from List A and 7.5 units from list B *	
F/W		
F/W		
F/W		
F/W		
F/W	3.0	
F/W	3.0	

* Note: typically taken as 5 courses with >3.5 credits per course, each. List A typically are Eng-instructed courses with ES and ED units, list B typically are GEOE-coded courses.