# Geological Engineering, B.A.Sc. (Class of 2021)

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<th>Complete</th>
<th>In Progress</th>
<th>COMMENTS</th>
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## Second Year Common Core – 2018/19 (Class of 2021 Only)

- 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 | 4
- GEOE 232 Mineralogy F | 4.5
- GEOE 281 Earth Systems Engineering F | 3
- 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 I 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 in the Fall Term and APSC 200, 293 and MTHE 225 in the Winter term

## Intersession (Taken in Spring following 2nd 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 Geochmical Characterization of the Earth F | 3.75
- GEOE 359 Applied Quantitative Analysis in Geological Engineering F | 3.5
- GEOE 313 Geomechanics and Rock Engineering Design W | 3.5
- 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

**+2 electives (see bottom of sheet)**

## Fourth Year Common Core- 2021/21 (Class of 2021 only)

- GEOE 446 Engineering Design Project I F | K3
- GEOE 447 Engineering Design Project II W | K5

Take ONE of GEOE 410 or GEOE 419 as Core (circle below)

* GEOE 410 Geological Engineering Field School F | 3.5
* GEOE 419 Engineering Geophysics Field School S | 3.5

**+5 electives (see below)**

### THREE HSS ELECTIVES (fill in below)

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<th>LIST(A,B,C):</th>
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### FOUR* TECHNICAL ELECTIVE COURSES (+min 12 Credits)...course name below

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*4 course AND minimum 12 credits: Only full year (min 6 unit) courses can be counted as multiple courses (x2)