

## Civil Engineering – GEN ED Curriculum – Fall 2025 Onward

| Year 1 | Fall                                          |           | Spring                               |           |
|--------|-----------------------------------------------|-----------|--------------------------------------|-----------|
|        | Course                                        | Credit    | Course                               | Credit    |
|        | *ENES 100 (DSSP)                              | 3         | *PHYS 161 (DSNL)                     | 3         |
|        | CHEM 135                                      | 3         | MATH141                              | 4         |
|        | *MATH 140 (FSAR, FSMA)                        | 4         | ENES 102                             | 3         |
|        | **SCIE-ELECTIVE (ENCE 205)                    | 3         | *Hist&SocSci (DSHS, BigQ)            | 3         |
|        | *ENGL 101 (FSAW)                              | 3         | *ENES 200 (DSHU, BigQ)               | 3         |
|        | <b>Total</b>                                  | <b>16</b> | <b>Total</b>                         | <b>16</b> |
| Year 2 | Fall                                          |           | Spring                               |           |
|        | Course                                        | Credit    | Course                               | Credit    |
|        | *PHYS 260 (DSNL)                              | 3         | MATH 243                             | 4         |
|        | *PHYS 261 (DSNL)                              | 1         | *Oral Communication (OC)             | 3         |
|        | MATH 241                                      | 4         | *Hist&SoSci (DSHS, DVUP)             | 3         |
|        | ENES 220                                      | 3         | ENCE 305 (ENES220, PHYS260, PHYS261) | 3         |
|        | ENCE 202 (ENES100, ENES102, MATH141)          | 3         | ENCE 203 (ENES220, MATH241)          | 3         |
|        | <b>Total</b>                                  | <b>14</b> | <b>Total</b>                         | <b>16</b> |
| Year 3 | Fall                                          |           | Spring                               |           |
|        | Course                                        | Credit    | Course                               | Credit    |
|        | ENCE 303 (ENCE203, MATH243)                   | 3         | ENCE 340 (ENES220)                   | 3         |
|        | ENCE 312                                      | 3         | ENCE 383 (ENCE303, PHYS260, PHYS261) | 3         |
|        | ENCE 365 (ENES220, co-req ENCE303)            | 4         | ENCE 367 (MATH243, co-req ENCE303)   | 4         |
|        | ENCE 336 (CHEM135, MATH141, co-req ENCE305)   | 3         | ENCE 436 (ENCE336)                   | 3         |
|        | *ENGL 39X (FSPW)                              | 3         | ENCE 342 (ENES220, ENCE203)          | 3         |
|        | <b>Total</b>                                  | <b>16</b> | <b>Total</b>                         | <b>16</b> |
| Year 4 | Fall                                          |           | Spring                               |           |
|        | Course                                        | Credit    | Course                               | Credit    |
|        | ***ELECTIVE                                   | 3         | ***ELECTIVE                          | 3         |
|        | ***ELECTIVE                                   | 3         | ***ELECTIVE                          | 3         |
|        | ENCE 483 (ENCE383)                            | 3         | ENCE 467 (ENCE465)                   | 2         |
|        | ENCE 465 (ENCE367, ENCE356, ENCE336, ENCE342) | 2         | *Humanities (DSHU, DVUP)             | 3         |
|        | ENCE 442 (ENCE342, co-req ENCE340)            | 3         | *Scholarship Practice (DSSP)         | 3         |
|        | <b>Total</b>                                  | <b>14</b> | <b>Total</b>                         | <b>14</b> |

\*Satisfies Gen-Ed requirements

\*\*Science Elective – can choose from ENCE205, GEOL120, GEOL123, ENSP101, BSCI160, ECON200

\*\*\*Electives restrictions: 6 credits of in-major technical electives required, 3 credits of STEM-based technical electives (in-major or out-of-major), and 3 credits of a 300-lvl or above elective (in-major or out-of-major).

Note: ENCE465 is Fall-only. ENCE467 is Spring-only.