

Name: _____

Exp. Grad.: Fall ____ / Spring ____

Renewable Engineering
Suggested Curriculum by Semester for students entering Fall 2019 – Spring 2020

| Semester 1 | | Semester 2 | | Semester 3 | | Semester 4 | |
|-------------------------|----------|-------------------------|----------|-------------------------|----------|-------------------------|----------|
| Course (cr. hr.) | X | Course (cr. hr.) | X | Course (cr. hr.) | X | Course (cr. hr.) | X |
| CHEM 105 (4) | | CHEM 106 (4) | | ENGR 110 (4) | | ENGR 220 (4) | |
| ENGL 101 (4)* | | ENGR 104 (2) | | ENGR 360 (0) | | ENGR 305 (3) | |
| ENGR 101 (2) | | ENGR 160 (0) | | MATH 253 (4) | | ENGR 360 (0) | |
| ENGR 102 (2) | | MATH 152 (4) | | PHYS 126 (4) | | MATH 271 (3) | |
| ENGR 160 (0) | | PHYS 125 (4) | | RNEW 201 (3) | | MECH 212 (3) | |
| MATH 151 (4) | | Two of ENGR | | RNEW 255 (3) | | RNEW 303 (3) | |
| UNIV 101 (1) | | 111-116 Eng. | | | | | |
| Hum/SS/Arts (3) | | Explorations (1+1) | | | | | |
| Total (16) | | Total (16) | | Total (18) | | Total (16) | |

*ENGL 101 if required (credits not counted for graduation); otherwise student choice meeting a requirement.

| Semester 5 | | Semester 6 | | Semester 7 | | Semester 8 | |
|-------------------------|----------|-------------------------|----------|-------------------------|----------|-------------------------|----------|
| Course (cr. hr.) | X | Course (cr. hr.) | X | Course (cr. hr.) | X | Course (cr. hr.) | X |
| ENGR 306 (2) | | ENGR 360 (0) | | ENGR 360 (0) | | ENGR 360 (0) | |
| ENGR 360 (0) | | ENGR 395 (2) | | ENGR 490 (2) | | ENGR 490 (2) | |
| MECH 320 (3) | | MECH 326 (3) | | RNEW 310 (3) | | RNEW 431 (3) | |
| MECH 324 (3) | | MECH 354 (3) | | Hum/SS/Arts (4) | | RNEW 432 (3) | |
| MECH 435 (3) | | MECH 422 (3) | | Hum/SS/Arts (4) | | RNEW 468 (3) | |
| RNEW 320 (3) | | Elective° (3) | | Elective° (3) | | Hum/SS/Arts (4) | |
| RNEW 322 (3) | | Hum/SS/Arts (4) | | | | | |
| Total (17) | | Total (16) | | Total (16) | | Total (15) | |

°Electives must be Technical (6) as defined below.

Total Credits: 130

Requirements:

1. AU Global Perspective
2. AU Wellness & Physical Education Requirement
3. SOE Minimum Credit Requirement of 128 credits, excluding Physical Education, Wellness, ENGL 101
4. SOE GPA requirement and 'D' policy
5. SOE Seminar requirement
6. SOE Written Communication Requirement: Typically ENGL 101 and ENGR 110. ENGR 101 does not count towards the minimum credits for graduation; some students may be exempt.
7. SOE Humanities/Social Science/Arts Requirement (20 credits including ENGR 110 and UNIV 101 with courses having a minimum of three attributes: A/B, C, D, E, II)
8. Defense of Capstone Poster & submission of approved Thesis.

Complete SOE requirements are available on pages 58-64 of the [AU Undergraduate Catalog 2019-2020](#)

Degree Evaluation, including What-If or via *DegreeWorks*.

Definitions of Electives:

Technical Electives: (A) Most 300- and 400-level courses designated CEMS, CHEM, ENGR, MATH, MECH, PHYS, or RNEW. Exceptions include MATH 331 and some special topic courses. (B) One of FIN 348 or MGMT 328, (C) COOP 385.