BSREE Degree Plan (2024 – 2025)

Pre-Professional Program

- MATH 1426 Calc I
- MATH 2425 Calc II
- MATH 2425 Calc III
- MATH 3319 Diff Eq & Linear Alg
- UNIV 1131(1) Student Success
- EE 1311 Comp. Syst & Algo. Soln.
- PHYS 1443 Phys I
- PHYS 1444 Phys II
- IE 2440 Circuit Analysis
- CHEM 1465 Chem Engrs (Or Chem 1441 & 1442)
- REE 1306 Chem of Fuels
- GEOL 3340 Geology for Engrns
- ENGL 1301 Comp I
- MAE 1312 Eng Statics

15 Hours
16 Hours
16 Hours
17 Hours

Professional Program

- EE 3317 Linear Systems
- IE 3301 Engineering Probability
- REE 3301 Principles of Energy Engr
- REE 3302 Sustainable Energy Syst
- REE 3303 Petroleum & Gas Engr
- MAE 3312 Eng Statics
- MAE 2323 Dynamics

15 Hours
15 Hours
15 Hours
15 Hours
15 Hours

Creative Arts* (3 hrs)
COMS 2302 Prof & Tech Comms
HIST 1331(2) Tech & Sci in US I
HIST 1332(2) Tech & Sci in US II
POLS 2311 US Gov’t
POLS 2312 State/Local Gov’t

Technical Elective (3 hrs)
Technical Elective (3 hrs)
Technical Elective (3 hrs)
Lang, Phil, & Culture (3 hrs)

Note:
(1) UNIV 1131 for Freshman only;
   for transfer student: ENGR 1101
(2) Can be substituted with HIST 1301 & HIST 1302 sequence
(**) This requirement will be waived if the student has 2 High School Units of foreign language.

Prerequisite
Prerequisite or Concurrent Enrollment

Foreign Language** (6 hrs)