Pre-Professional Program

- **MATH 1426**: Calc I
- **MATH 2425**: Calc II
- **MATH 2326**: Calc III
- **CHEM 1465**: Chem Engrs (Or Chem 1441 & 1442)
- **PHYS 1443**: Phys I
- **PHYS 1444**: Phys II
- **EE 1101**: Intro to EE
- **EE 1106**: EE Practicum
- **EE 1311**: Embedded Prog
- **EE 2415**: Ckts I
- **EE 2441**: Dig Sys & microcontrol
- **ENGL 1301**: Comp I
- **ENGL 1302**: Comp II
- **HIST 1301**: US Hist I
- **HIST 1302**: US Hist II
- **ENGL 23XX**: Literature
- **Fine Arts**: (3 hrs)

**Prerequisite**: 16 Hours

**Prerequisite or Concurrent Enrollment**: 18 Hours

**Core Electives**: Choose 2

17 Hours

Note:
1. All Pre-Professional courses must be completed before admission to the Professional Program
2. Not all pre-reqs are shown on this chart; check the online course catalog for more details
3. UNIV 1131 for Freshman only; for transfer student: ENGR 1201 & EE 1101, or EE 1201

Professional Program

- **EE 3330**: Prob & Rand Signals
- **EE 3316**: Signals & Systems
- **EE 3318**: Real-Time DSP
- **EE 3407**: Electromag
- **EE 3407**: Electromag
- **EE 3446**: Ckts II
- **EE 3444**: Electronics II
- **EE 4330**: Control Sys
- **EE 4314**: Junior Project
- **EE 4340**: EE Elective (3 hrs)
- **EE 4340**: EE Elective (3 hrs)
- **EE 4340**: EE Elective (3 hrs)
- **EE 4349**: Engr Design Project
- **EE 4300**: EE Elective (3 hrs)
- **ENGR Elective**: (3 hrs)
- **Math/Sci Elective**: (3 hrs)
- **POLS 2311**: US Gov't
- **POLS 2312**: State/Local Gov't
- **ECON 2305**: Macroeconomics
- **Foreign Language**: (6 hrs)

* Approved lists are available at the EE Advising Office
** This requirement will be waived if the student has 2 High School Units of foreign language.
*** EE4340 must be taken the semester before EE4349 and after completing all prerequisites. An EE proficiency exam will be administered prior to admission to this course and may determine concurrent enrollment in additional courses.