Pre-Professional Program

MATH 1426 Calc I → MATH 2425 Calc II → MATH 2326 Calc III → EE 2240 Sophomore Project → EE 3318 A&DSP → EE 4240**** Concepts & Exer in Engr Prac

CHEM 1465 Chem Engrs (Or Chem 1441 & 1442) → CHEM 1441 & 1442 → ENGL 1301 Comp I → ENGL 1302 Comp II → EE 1201 Intro to EE → EE 1106 EE Practicum → EE 2315 Circuit Analysis I → EE 2341 Digital Circ & Syst → COMS 2302 Prof & Tech Comms

HIST 1301(4) US Hist I → HIST 1302(4) US Hist II → ENGL 23XX Literature → Fine Arts* (3 hrs) → EE 2303 Electronics I → EE 2346 Circuit Analysis II → EE 3314 Fund Embed Control Sys

UNIV 1131(5) Student Success → PHYS 1443 Phys I → PHYS 1444 Phys II → EE 2302 Prin Active & Passive Dev → EE 3407 Engineering Emag → EE 43XX EE Elective (3 hrs)

EE 1311 Comp Syst & Algo. Soln. → EE 2347 Math Found of EE → EE 3316 Signals & Systems → EE 3319 Diff Eq & Linear Alg → EE 3330 Prob & Stat Methods → EE 43XX EE Elective (3 hrs)

EE 3318 A&DSP → EE 3330 Prob & Stat Methods

ENGR Elective* (3 hrs)

17 Hours

Professional Program

EE 3407 Engineering Emag → EE 3346 Circuit Analysis II → EE 3314 Fund Embed Control Sys → EE 4240**** Concepts & Exer in Engr Prac

EE 3336 Signals & Systems → EE 3330 Prob & Stat Methods

EE 3318 A&DSP → EE 3346 Circuit Analysis II

EE 3314 Fund Embed Control Sys → EE 43XX EE Elective (3 hrs)

EE 2302 Prin Active & Passive Dev → EE 3330 Prob & Stat Methods

EE 2315 Circuit Analysis I → EE 3346 Circuit Analysis II

EE 2303 Electronics I → EE 3346 Circuit Analysis II

EE 2341 Digital Circ & Syst → COMS 2302 Prof & Tech Comms

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 1101
(4) Can be substituted with HIST 1331 and HIST 1332
(5) UNIV 1131 is for Freshman only; for transfer student: ENGR 1101

17 Hours
18 Hours
16 Hours
17 Hours
16 Hours
14 Hours
14 Hours
13 Hours

* 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.
***EE4240 must be taken the semester before EE4149 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.