Pre-Professional Program

MATH 1426 Calc I → MATH 2425 Calc II → MATH 2326 Calc III

CHEM 1465 Chem Engrs (Or Chem 1441 & 1442)

UNIV 1131(3) Student Success

EE 1101 Intro to EE → EE 1106 EE Practicum

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)

Phys I → Phys II

EE 1311 Embedded Prog → MATH 3319 Diff Eq & Lin Alg

EE 2415 Ckts I → EE 2403 Electronics I

EE 2441 Dig Sys & microcontrol

EE 3330 Prob & Rand Signals → EE 3140 Junior Project

EE 3316 Signals & Systems → EE 3407 Electromag

EE 3444 Ckts II → EE 3302 Fund of Pwr Systems

EE 3444 Electrons II

COMS 2302 Prof & Tech Comms

EE 4314 Control Sys

EE 3310 Advanced Microcontrol

Core Electives: Choose 2

MAE 3309 Thermal Engr

EE 4340*** Concepts & Exer in Engr Pract

EE 4340*** 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.

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

16 Hours 18 Hours 17 Hours 17 Hours 17 Hours 13/14 Hours 15 Hours 12 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.
***EE4340 must be taken the semester before EE4349 and after completing all prerequisites.

Professional Program

EE 3330 Prob & Rand Signals

EE 3140 Junior Project

EE 3316 Signals & Systems

EE 3302 Fund of Pwr Systems

EE 3310 Advanced Microcontrol

EE 4314 Control Sys

EE 4330 Fund of Telecom

EE 43XX EE Elective (3 hrs)

EE 4349 Engr Design Project

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)

UTA ID Number

Student Name