BSEE Degree Plan (2015 – 2016)

Student Name _____

UTA ID Number _____

Pre-Professional Program

- MATH 1426 Calc I
- MATH 2425 Calc II (with Lab)
- MATH 2326 Calc III
- EE 2403 Electronics I (w/ Lab)
- EE 1104 Intro to Engr
- CSE 1311 C Prog
- MATH 3319 Diff Eq & Lin Alg
- EE 2347 Math Found of EE (w/ Lab)
- EE 1105 EE Seminar
- PHYS 1443 Phys I (w/ Lab)
- PHYS 1444 Phys II
- EE 2441 Dig & Microproc I (w/ Lab)
- EE 1106 EE Practicum
- EE 2415 Ckts I (w/ Lab)
- CE 2312 Statics & Dynamics
- ENGL 1301 Comp I
- ENGL 1302 Comp II
- CHEM 1465 Chem: Engrs (Or Chem 1441 & 1442)

Professional Program

- EE 3446 Ckts II (w/ Lab)
- EE 3318 Discrete Signals & Sys (w/ Lab)
- EE Elective* (3 hrs)
- EE Elective* (3 hrs)
- EE 3417 Continuous Signals & Sys (w/ Lab)
- EE 3330 Prob & Random Sigs
- EE 4340*** Concepts & Exer for Engr Prac (w/ Lab)
- EE 4349 Engr Design Project
- EE 3407 Electromag (w/ Lab)
- EE 3302 Fund of Pwr Systems (w/ Lab)
- ENGR Elective* (3 hrs)
- Math/Sci Elective* (3 hrs)
- MAE 3309 Thermal Engr
- EE 3444 Electronics II (w/ Lab)
- COMS 2302 Prof & Tech Comms
- EE 4314 Control Sys (w/ Lab)
- POLS 2311 US Gov't
- POLS 2312 State/Local Gov't
- EE 3310 Microproc II (w/ Lab)
- ECON 2305 Macro-economics
- Foreign Language** (6 hrs)
- EE 4330 Telecom (w/ Lab)

Core Electives: Choose 2

- HIST 1311 US Hist I
- HIST 1312 US Hist II
- ENGL 23XX Literature
- Fine Arts* (3 hrs)

* Approved lists and prerequisites available online and in 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.

Prerequisite

Prerequisite or Concurrent Enrollment

All Pre-Professonal Courses must be completed before admission to the Professional Program.

17 Hours	17 Hours	17 Hours	17 Hours	18 Hours	12/13 Hours	15 Hours	12 Hours