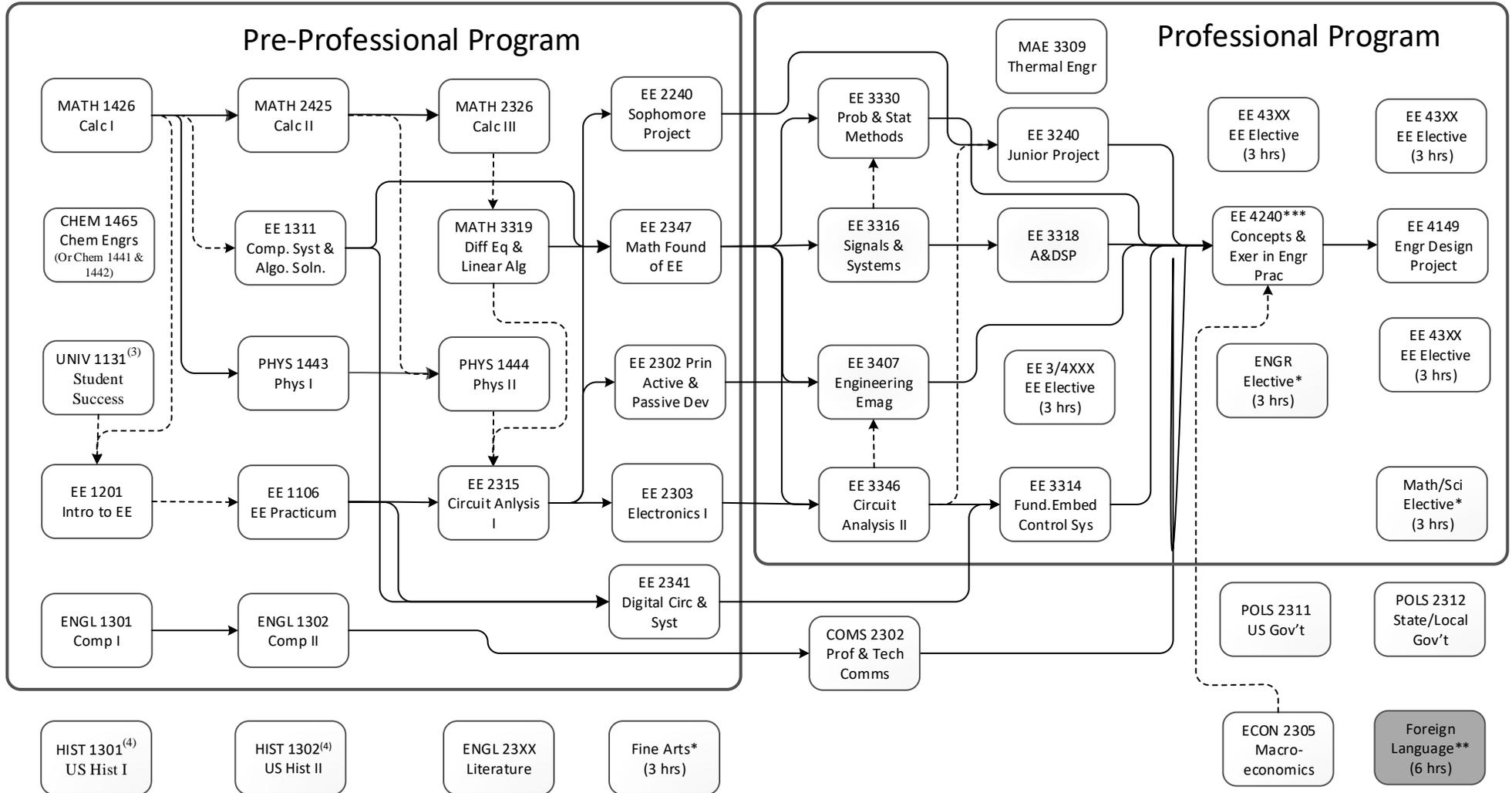


BSEE Degree Plan (2022 – 2023)

Student Name _____

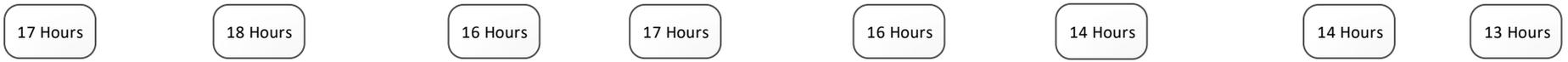
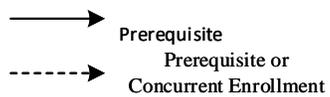
UTA ID Number _____



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

* 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.



Bachelor of Science in Electrical Engineering
Degree Plan Requirements Fall 2022 Catalog



Student Name: _____

UTA ID#: _____

In the tables below "T" is used to indicate transfer credits.

General Education/Core Curriculum

T	Course	Hours Earned	Hours
	HIST 1301 or 1331		3
	HIST 1302 or 1332		3
	POLS 2311 Government of the US		3
	POLS 2312 State and Local Government		3
	Creative Arts*		3
	ENGL 1301 Rhetoric and Composition I		3
	ENGL 1302 Rhetoric and Composition II		3
	Literature or approved substitution		3
	ECON 2305 Princ of Macroeconomics		3
	COMS 2302 Prof & Tech Comm for Engr		3
	TOTAL General Education/Core		30

Mathematics

T	Course	Hours Earned	Hours
	MATH 1426 Calculus I		4
	MATH 2425 Calculus II		4
	MATH 2326 Calculus III		3
	MATH 3319 Diff Eqs & Linear Algebra		3
	TOTAL Mathematics		14

Science

T	Course	Hours Earned	Hours
	CHEM 1465 Chemistry for Engineers		4
	PHYS 1443 General Technical Physics 1		4
	PHYS 1444 General Technical Physics 2		4
	TOTAL Science		12

Foreign Language

- ___ Earned in High School,
- ___ Earned in College, or
- ___ Exempt (ESL)

Mathematics/Science

T	Course	Hours Earned	Hours
	One Math/Science Elective Course		3
	TOTAL Math/Science Elective		3

Engineering

T	Course	Hours Earned	Hours
	UNIV 1131 Student Success		1
	MAE 3309 Thermal Engineering		3
	One Engineering Elective Course		3
	TOTAL Engineering		7

Major: Electrical Engineering

T	Course	Hours Earned	Hours
	EE 1106 EE Freshman Practicum		1
	EE 1201 Introduction to EE		2
	EE 1311 Comp Sys & Algorithmic Solution		3
	EE 2240 Sophomore Project Laboratory		2
	EE 2302 Princ of Active & Passive Devices		3
	EE 2303 Electronics I		3
	EE 2315 Circuit Analysis I		3
	EE 2341 Digital Circuits & Systems		3
	EE 2347 Mathematical Foundation of EE		3
	EE 3240 Junior Project Laboratory**		2
	EE 3314 Fund of Embedded Contrl Sys**		3
	EE 3316 Cont & Disc Time Signal & Sys**		3
	EE 3318 Analog & Digital Signal Proc**		3
	EE 3330 Prob. & Statistical Methods**		3
	EE 3346 Circuit Analysis II**		3
	EE 3407 Engineering Electromagnetics**		4
	EE 4149 Concept & Exerc in Eng Prac**		1
	EE 4240 Engineering Design Project**		2
	Four EE Elective Courses**		12
	TOTAL Electrical Engineering		59

* Refer to the UTA catalog (<https://catalog.uta.edu/degreerequirements/generalcorerequirements/>)

**Professional Level Courses