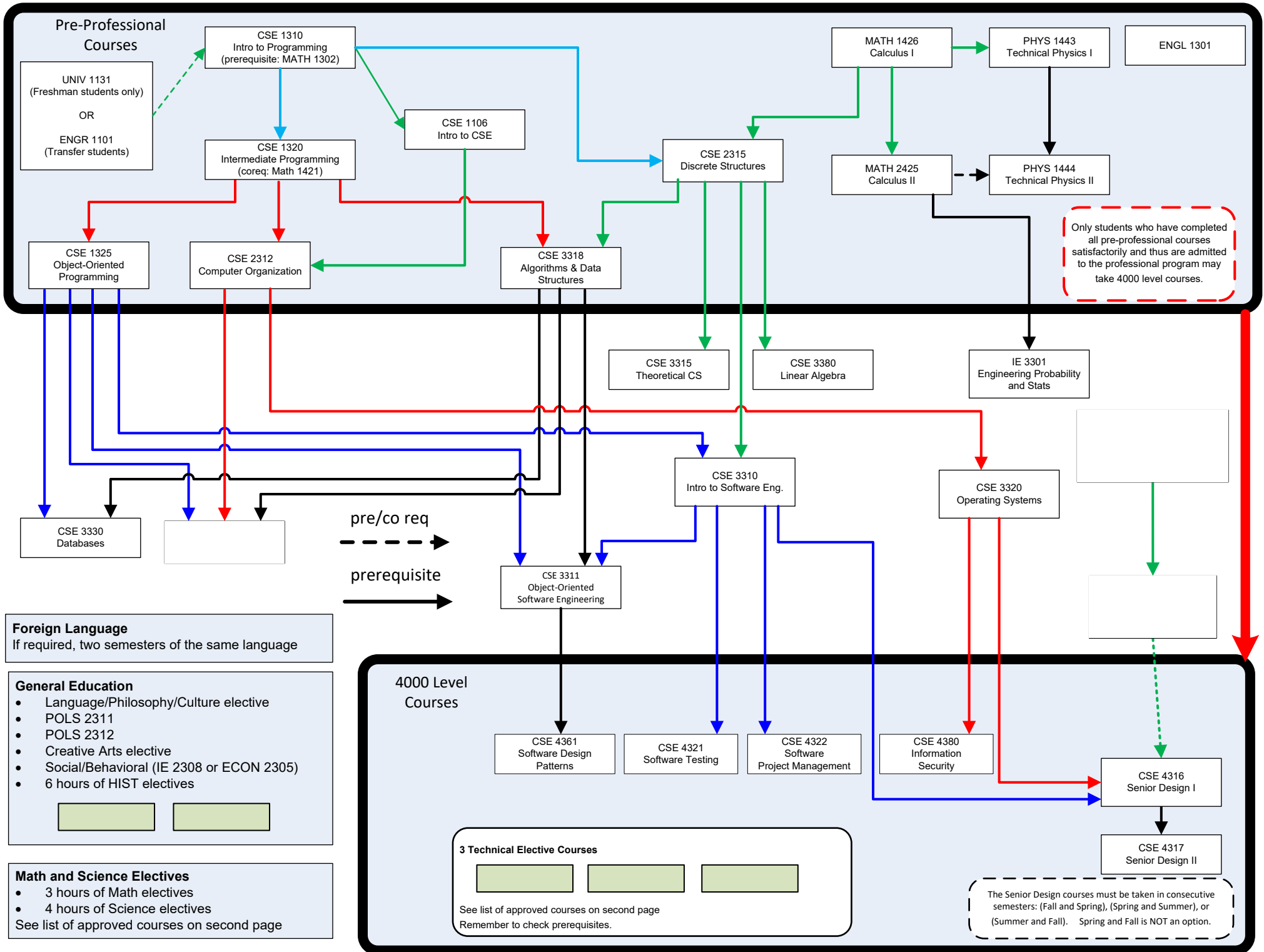


BS in Software Engineering (BSSE), 2021-2022 Catalog



Student Name: _____

UTA ID#: _____

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

General Education/Core Curriculum

T	Course	Hours Earned	Hours
	US History*		3
	US History*		3
	POLS 2311		3
	POLS 2312		3
	ECON 2305 or IE 2308		3
	Creative Arts*		3
	Language, Philosophy, and Culture*		3
	ENGL 1301		3
	COMS 2302		3
	TOTAL General Education/Core		27

Mathematics

T	Course	Hours Earned	Hours
	MATH 1426 Calculus I		4
	MATH 2425 Calculus II		4
	IE 3301 or MATH 3313 Engr. Probability		3
	CSE 3380 or MATH 3330 Linear Algebra		3
	Math Elective **		3
	TOTAL Mathematics		17

Science

T	Course	Hours Earned	Hours
	PHYS 1443 Technical Physics 1		4
	PHYS 1444 Technical Physics 2		4
	Science Elective **		4
	TOTAL Science		12

Foreign Language

___ Earned in High School

___ Earned College, or

___ Exempt (ESL)

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

** Refer to flowcharts on website for options (<https://www.uta.edu/academics/schools-colleges/engineering/academics/degree-plans>)

Engineering Success

T	Course	Hours Earned	Hours
	ENGR 1101 or UNIV 1131		1
	TOTAL Engineering Success		1

Major: Software Engineering

T	Course	Hours Earned	Hours
	CSE 1106 Introduction to CSE		1
	CSE 1310 Introduction to Programming		3
	CSE 1320 Intermediate Programming		3
	CSE 1325 Object-Oriented Programming		3
	CSE 2312 Computer Organization		3
	CSE 2315 Discrete Structures		3
	CSE 3318 Algorithms & Data Structures		3
	CSE 3302 Programming Languages		3
	CSE 3310 Intro to Software Engineering		3
	CSE 3311 Object-Oriented Software Engr.		3
	CSE 3314 Professional Practices		3
	CSE 3315 Theoretical Concepts		3
	CSE 3320 Operating Systems		3
	CSE 3330 Database Systems		3
	CSE 4316 Senior Design I		3
	CSE 4317 Senior Design II		3
	CSE 4321 Software Testing		3
	CSE 4322 Software Project Management		3
	CSE 4361 Software Design Patterns		3
	CSE 4380 Information Security		3
	Technical Elective**		3
	Technical Elective**		3
	Technical Elective**		3
	TOTAL Computer Science		67