

Student \_\_\_\_\_

UTD ID \_\_\_\_\_

**MAJOR PREPARATORY REQUIREMENTS**

LD	UD	NTS	COURSE TITLE	COURSE #	GRADE	SEM	INFO
1		7	Introduction to Engineering and CS	ECS 1100			
2			Introduction to CS and SE	CS 1200			
3		1	Programming Fundamentals	CS 1336			
1			Computer Science Laboratory	CS 1136			
3		1	Computer Science I	CS 1337			
3		1	Discrete Mathematics for Computing I	CS 2305			
3		1	Computer Science II	CS 2336 or 2337			
3			Computer Architecture	SE 2340			
4		2,3	Calculus I	MATH 2413 or 2417			
4		2,3	Calculus II	MATH 2414 or 2419			
4			Linear Algebra	MATH 2418			
3		2	Mechanics	PHYS 2325			
1		2	Physics Laboratory I	PHYS 2125			
3		2	Electromagnetism and Waves	PHYS 2326			
1			Physics Laboratory II	PHYS 2126			
39	0						

**MAJOR CORE REQUIREMENTS**

	1		Professional Responsibility in CS/SE	SE 3162			
	3		Mathematics Foundations of SE	SE 3306			
	3		Probability & Statistics in CS/SE	SE 3341			
	3		Data Structures & Int. to Algorithms	SE 3345			
	3		Software Engineering	SE 3354			
	3		C/C++ Programming in a UNIX Envir	SE 3377			
	3		Database Systems	SE 4347			
	3		Operating Systems Concepts	SE 4348			
	3		Requirements Engineering	SE 4351			
	3		Software Architecture & Design	SE 4352			
	3		Software Testing, Verif, Valid, QA	SE 4367			
	3		Software Project Planning & Mgmt.	SE 4381			
	4		Software Engineering Project	SE 4485			
	3	5	SE Guided Elective	SE/CS 43XX			
	3	5	SE Guided Elective	SE/CS 43XX			
	3	5	SE Guided Elective	SE/CS 43XX			
	3	5	SE Guided Elective	SE/CS 43XX			
	3	2	Prof & Tech Communication	ECS 3390			
	53						

**REMAINING CORE CURRICULUM**

3			Rhetoric	RHET 1302			
3			American National Government	GOVT 2305			
3			State and Local Government	GOVT 2306			
3		4	US History Survey to Civil War (Core: 060)	HIST 1301			
3		4	US History Survey from Civil War (Core: 060)	HIST 1302			
3		4	Exploration of the Humanities (Core: 040)	HUMA 1301			
3		4	Exploration of the Arts (Core: 050)	ARTS 1301			
3		4	Social Behavioral Science (Core: 080)	ECON 2301			
24							

**ELECTIVES (7 Hours - Requires Approval from Advisor)**

3		5,6	Free Elective				
3		5,6	Free Elective				
1		5,6	Free Elective				
0		7	Freshmen Seminar	UNIV 1010			
0		8	Core Curriculum Assessment	UNIV 2020			
7							
70	53						

**Total Hours** \_\_\_\_\_ **123 hours required for graduation. Must include 51 hours as Upper Division.\*\*\***

**NOTES**

1. Major Requirement: Must earn a C or better to receive credit.	2. Course meets both major and CORE requirement.
3. Must take Math 2413/2414 <b>or</b> Math 2417/2419.	4. Other course options available. See Advisor for details.
5. Must satisfy at least one Application Domain. See Advisor for details.	6. A maximum of 3 PHIN credits is allowed on any UTD degree plan.
7. Lower or upper division courses may count as free electives.	8. Incoming freshmen (FTIC) must enroll and complete requirements of UNIV 1010 and the corresponding school-related freshmen seminar course.
9. All students, including transfer students, who complete their core curriculum at UT Dallas must take UNIV 2020.	
*** Must have a minimum cumulative 2.0 GPA in all UTD coursework and a cumulative 2.0 GPA in all Major requirements to graduate. Students must also complete 45 hours in residence and complete 24 of the last 30 hours at UTD. No off-campus courses in the last semester allowed.	