Erik Jonsson School of Engineering and Computer Science

Electrical Engineering (BSEE)

Degree Requirements (128 semester credit hours)

Four-Year Degree Plan (Example)

This is an example only. Please see advisor to develop an individual four-year plan.

Freshman Year									
Semester 1 - Fall	**Notes**	**Preferred**	**Core**	**SCH**	**Semester 2 - Spring**	**Notes**	**Preferred**	**Core**	**SCH**
Core Course				3	ENGR 2300	7, 10			3
EE 1100	7, 8			1	EE 1202	7, 8			2
MATH 2417	2, 4, 7		2090	4	MATH 2419	2, 4, 7, 10		090	4
RHET 1302	2, 11		1090	3	EE 2310	7, 8			3
CS 1325	7, 9			3	PHYS 2325	2, 5, 7, 10		3090	4
ECS 1100	1, 7			1	and PHYS 2125	2, 5, 7, 10		3090	
UNIV 1010	1			0					
			Total	**15**				**Total**	**16**

Sophomore Year									
Semester 3 - Fall	**Notes**	**Preferred**	**Core**	**SCH**	**Semester 4 - Spring**	**Notes**	**Preferred**	**Core**	**SCH**
Core Course				3	EE 3301	7, 10			3
Core Course				3	Core Course				3
ENGR 3341	7, 10			3	ENGR 3300	7			3
MATH 2420	7, 10			4	Core Course				3
PHYS 2326	2, 5, 7, 10		3090	3	EE 3320				3
PHYS 2126	7, 10			1	EE 3201				2
			Total	**17**				**Total**	**17**

Junior Year

Semester 5 - Fall	Notes	Preferred	Core	SCH	Semester 6 - Spring	Notes	Preferred	Core	SCH
EE 3161				1	Core Course				3
ECS 3390	2, 3, 7, 10		010	3	EE Elective Lab (EE 4200-Level)				2
EE 3302	7, 10			3	EE 3311	7, 10			3
CHEM 1311	2, 7		3090	4	EE 4310	7, 10			3
and CHEM 1111	2, 7		090		EE 4370				3
EE 3310	7, 10			3					
EE 3202				2					
UNIV 2020				0					
			Total	16				Total	14

Senior Year

Semester 7 - Fall	Notes	Preferred	Core	SCH	Semester 8 - Spring	Notes	Preferred	Core	SCH
EE 4301	7			3	EE Guided Elective				3
EE 4388	7, 10			3	EE Guided Elective				3
Core Course				3	EE 4389	7, 10			3
EE Guided Elective				3	Free Elective				9
EE Guided Elective				3					
			Total	15				Total	18

NOTES:

1	Incoming freshmen must enroll and complete requirements of UNIV 1010 and the corresponding school-related freshman seminar course. Students, including transfer students, who complete their core curriculum at UT Dallas must take UNIV 2020.
2	Curriculum Requirements can be fulfilled by other approved courses from accredited institutions of higher education. The courses listed are recommended as the most efficient way to satisfy both Core Curriculum and Major Requirements at UT Dallas.
3	Semester credit hours fulfill the communication component of the Core Curriculum.
4	Three semester credit hours of Calculus are counted under Mathematics Core, and five semester credit hours of Calculus are counted as Component Area Option Core.
5	Six semester credit hours of Physics (PHYS 2325 and PHYS 2326) are counted under Science Core and one semester credit hour (PHYS 2125) is counted under the Component Area Option Core.
6	Semester credit hours contribute to the Social and Behavioral Sciences component of the Core Curriculum.
7	Students must pass each of the EE, CS, Math and Science courses listed in this degree plan and each of their prerequisites, with

	a grade of C- or better.
8	Transfer students with sufficient background may petition to substitute upper-division semester credit hours in the major for this class.
9	Depending on placement, student may need to complete CS 1336/1136 Programming Fundamentals prior to enrolling in CS 1325 Introduction to Programming.
10	Earliest semester course can be taken due to pre- or co-requisite course requirements.
11	Must complete by 3rd semester of enrollment.

Students wishing to fast track into the graduate program in Accounting may take up to six (6) semester credit hours of graduate ACCT electives - see the Undergraduate Accounting Program Director or the Associate Area Coordinator, for specific fast-track courses. Cumulative GPA of 3.4 minimum required for Fast-Track Program. See Academic Advisor for other requirements.

Be sure to check prerequisites of 2000-level or higher courses.

128 semester credit hours required for graduation

This plan is a resource tool only; it does not replace your degree plan or academic advising.

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