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	5, 8			3
EE 1100	5, 6			1	EE 1202	5, 6			2
MATH 2417	1, 3, 5		2090	4	MATH 2419	1, 3, 5, 8		090	4
or MATH 2413	1, 3, 5		2090		or MATH 2414	1, 3, 5, 8		2090	
RHET 1302	1, 9		1090	3	EE 2310	5, 6			3
CS 1325	5, 7			3	PHYS 2325	1, 4, 5, 8		3090	3
ECS 1100	5			1	PHYS 2125	1, 4, 5, 8		3090	1
			Total	15				Total	16

Semester 3 - Summer	**Notes**	**Preferred**	**Core**	**SCH**
MATH 2415	1, 3, 5, 8, 10		2090	4
			Total	0-4

Sophomore Year									
Semester 4 - Fall	**Notes**	**Preferred**	**Core**	**SCH**	**Semester 5 - Spring**	**Notes**	**Preferred**	**Core**	**SCH**
Core Course				3	EE 2301	5, 8			3
Core Course				3	ENGR 3300	5			3

	Notes	Preferred	Core	SCH		Notes	Preferred	Core	SCH
ENGR 3341	5, 8			3	EE 3320				3
MATH 2420	5, 8			4	EE 3201				2
PHYS 2326	1, 4, 5, 8		3090	3	EE 3310	5, 8			3
PHYS 2126	5, 8			1	CHEM 1311	1, 5		3090	3
					CHEM 1111	1, 5		090	1
			Total	17				Total	18

Junior Year

Semester 6 - Fall	Notes	Preferred	Core	SCH	Semester 7 - Spring	Notes	Preferred	Core	SCH
EE 3161				1	Core Course				3
ECS 3390	1, 2, 5, 8		010	3	Core Course				3
EE 3302	5, 8			3	Major Core Lab				2
EE 3311	5, 8			3	EE 4310	5, 8			3
EE 3202				2	EE 4370				3
Core Course				3					
			Total	15				Total	14

Senior Year

Semester 8 - Fall	Notes	Preferred	Core	SCH	Semester 9 - Spring	Notes	Preferred	Core	SCH
EE 4301	5			3	Major Guided Elective				3
EE 4388	5, 8			3	Major Guided Elective				3
Core Course				3	EE 4389	5, 8			3
Major Guided Elective				3	Free Elective				5-9
Major Guided Elective				3					
			Total	15				Total	14-18

NOTES:

1	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.
2	Semester credit hours fulfill the communication component of the Core Curriculum.
3	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.
4	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.

5	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.
6	Transfer students with sufficient background may petition to substitute upper-division semester credit hours in the major for this class.
7	Depending on placement, student may need to complete CS 1436 prior to enrolling in CS 1325.
8	Earliest semester course can be taken due to pre- or co-requisite course requirements.
9	Must complete by 3rd semester of enrollment.
10	To complete degree in the optimal amount of time, a summer term may be necessary for students completing MATH Sequence II (MATH 2413, MATH 2414, and MATH 2415).

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.

Updated: 2024-05-28 12:07:41 v3.2d2ec7