

Master of Science in Electrical Engineering

TABLE 2: COURSE DISTRIBUTION PER SEMESTER

Option 1: Thesis option

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
A' Semester								
1.	Required	Probability and Random Processes	ECE-532	3	50'	13	39	7.5
2.	Required	Antennas for Wireless Communications	ECE-544	3	50'	13	39	7.5
3.	Required	Fiber Optics	ECE-546	3	50'	13	39	7.5
4.	Required	Electric Power Generation, Transmission & Distribution	ECE-566	3	50'	13	39	7.5
B' Semester								
5.	Required	Digital Communications	ECE-552	3	50'	13	39	7.5
6.	Required	Renewable Energy Sources and Technologies	ECE-567	3	50'	13	39	7.5
7.	Required	Thesis Research	ECE-591	--	50'	13	--	15
C' Semester								
8.	Elective		ECE-xxx	3	50'	13	39	7.5
9.	Elective		ECE-xxx	3	50'	13	39	7.5
10.	Required	Thesis Research	ECE-591	--	--	--	--	15

Thesis Research is distributed across the two semesters as ECE-591A Thesis Research I (15 ECTS), ECE-591B Thesis Research II (15 ECTS)
ECE-591A includes the attendance of weekly seminars and the writing of a research proposal

Option 2: Non-Thesis option

A/A	Course Type	Course Name	Course Code	Periods per week	Period duration	Number of weeks/ Academic semester	Total periods/ Academic semester	Number of ECTS
A' Semester								
1.	Required	Probability and Random Processes	ECE-532	3	50'	13	39	7.5
2.	Required	Antennas for Wireless Communications	ECE-544	3	50'	13	39	7.5
3.	Required	Fiber Optics	ECE-546	3	50'	13	39	7.5
4.	Elective		ECE-xxx	3	50'	13	39	7.5
B' Semester								
5.	Required	Digital Communications	ECE-552	3	50'	13	39	7.5
6.	Required	Electric Power Generation, Transmission & Distribution	ECE-566	3	50'	13	39	7.5
7.	Required	Renewable Energy Sources and Technologies	ECE-567	3	50'	13	39	7.5
8.	Elective		ECE-xxx	3	50'	13	39	7.5
C' Semester								
9.	Elective		ECE-xxx	3	50'	13	39	7.5
10.	Elective		ECE-xxx	3	50'	13	39	7.5
11.	Elective		ECE-xxx	3	50'	13	39	7.5
12.	Elective		ECE-xxx	3	50'	13	39	7.5

At least 3 out of the 6 Elective courses have to be from one thematic area