

**MASTER OF SCIENCE PROGRAM IN ELECTRICAL-ELECTRONICS
ENGINEERING**

Code	Courses	T	P	C	ECTS	Mandatory/ Elective
EEE 500	Research Methods and Scientific Ethics	3	0	3	6	Mandatory
EEE 501	Advanced Scientific Computing	3	0	3	7,5	Elective
EEE 502	Linear System Theory	3	0	3	7,5	Elective
EEE 503	Nonlinear System Analysis	3	0	3	7,5	Elective
EEE 504	Random Processes	3	0	3	7,5	Elective
EEE 505	Digital Communications	3	0	3	7,5	Elective
EEE 506	Wireless Communications	3	0	3	7,5	Elective
EEE 507	Digital Signal Processing	3	0	3	7,5	Elective
EEE 508	Digital Image Processing	3	0	3	7,5	Elective
EEE 509	Medical Imaging Systems	3	0	3	7,5	Elective
EEE 510	Computational Electromagnetics	3	0	3	7,5	Elective
EEE 511	Electromagnetic Compatibility	3	0	3	7,5	Elective
EEE 512	Advanced Wave Propagation And Modeling	3	0	3	7,5	Elective
EEE 513	Computer Networks	3	0	3	7,5	Elective
EEE 514	Data Compression	3	0	3	7,5	Elective
EEE 515	Digital Image Forensics	3	0	3	7,5	Elective
EEE 516	Bio-electromagnetic Interaction and Dosimetry	3	0	3	7,5	Elective
EEE 517	Electromagnetic Fields in Working Environments and Measurement Techniques	3	0	3	7,5	Elective
EEE 518	Microwave Engineering and Application	3	0	3	7,5	Elective
EEE 519	Introduction to Remote Sensing	3	0	3	7,5	Elective
EEE 520	The Effects of Electromagnetic Fields on Human Health	3	0	3	7,5	Elective
EEE 580- 589	Selected Topics in Electrical-Electronics Engineering	3	0	3	7,5	Elective
EEE 590	Graduate Seminar	0	0	0	7,5	Mandatory
EEE 595	M. S. Thesis	0	0	0	30	Mandatory *
EEE 596	Term Project	0	0	0	30	Mandatory **