



澳門大學
UNIVERSIDADE DE MACAU
UNIVERSITY OF MACAU

Study Plan

Minor Programme: Electrical and Computer Engineering (EEM19)

Academic Discipline / Knowledge Area: Science

Medium of Instruction: English

Course Code	Course	Credits
ECEN1000	Digital Systems	4
ECEN1004	Embedded Systems	3
ECEN1005	Circuit Analysis	4
ECEN2000	Signals and Systems	4
ECEN2003	Fundamental Electronics	3
ECEN3001	Digital Signal Processing	3
Choose THREE courses from the following list:		
ECEN2009	Biology	3
ECEN2011	Introduction To Electro-Robot Design	3
ECEN3003	Introduction to Biomedical Engineering	3
ECEN3007	Power Electronics	3
ECEN3008	Power Systems Analysis	3
ECEN3012	Principles of Communication Systems	3
ECEN3013	RF and Microwave Techniques for Wireless Systems	3
ECEN3017	Analog Integrated Circuit Design	3
ECEN4003	Special Topic in ECE	3
Total Credits		30

*Applicable for students admitted the minor programme from the academic year 2019/2020 onwards.