

Example ECE Study Plan starting from 2017/2018 intake

Year 1	1st Semester (18 Credits)	ECEN1000 (4) Digital Systems	ECEN1001 (1) Introduction to Electrical and Computer Engineering	GEST1004 (3)# Quantitative Reasoning for Science and Technology	ECEN1007 (3) Computer Programming and Network Fundamentals	CISC1000 (3) Information Technology Fundamentals and Practices	EELC1001 (3) Interactive English I	CPED1000 (1) Residential College Experiential Learning (for 2 semesters)	CPED1001 (0.5) Physical Education I
	2nd Semester (18 Credits)	ECEN1004 (3) Embedded Systems	ECEN1005 (4) Circuit Analysis	MATH1003 (3) Intermediate Calculus	ECEN1008 (3) Physics I	ECEN1003 (1) Information Technology Revolution and Electronics	EELC1002 (3) Interactive English II		CPED1002 (0.5) Physical Education II
Year 2	1st Semester (16.5 Credits)	ECEN2003 (3) Fundamental Electronics	ECEN2000 (4) Signals and Systems	MATH2000 (3) Engineering Mathematics I	ECEN1010 (3) Physics II		EELC1003 (3) Academic English	CPED2000 (1) Communication Skills and Leadership (for 2 semesters)	
	2nd Semester (18.5 Credits)	ECEN2015 (3) Applied Electronics	ECEN2002 (3) Electric Machines	ECEN2001 (3) Measurement and Instrumentation	ECEN2005 (3) Electromagnetism	ECEN2004 (3) Discrete Structure	GE (3)\$ 1 GE in Science and Technology Area		
Year 3	1st Semester (18 Credits)	ECEN3000 (3) Control Systems	RE Group D (3) Wireless Technology Discipline RE	ECEN3008 (3) Power System Analysis	RE Group B (3) Electric Power Engineering and its Automation Discipline RE	RE Group A (3) Biomedical Engineering Discipline RE	GEGA1000 (3)# Macao and Chinese Civilization		
	2nd Semester (18 Credits)	ECEN3001 (3) Digital Signal Processing	RE Group C (3) Microelectronics Discipline RE	RE Group E (3) Mathematics and Science RE	RE Group F (3) General RE	RE Group A-D (3) 1 Course in Discipline Group A-D	GESB1000 (3)# Ethics, Values, Law and Society		
Year 4	1st Semester (18 Credits)	ECEN4000 (3) Design Project I	STGC3000 (3) Work-Integrated Education	RE Group A-F (3) 1 Course in Group A-F	RE Group A-F (3) 1 Course in Group A-F	GE (3)\$ 1 GE in Literature and Humanities Area	GE (3)\$ 1 GE in Society and Behaviour Area		
	2nd Semester (16 Credits)	ECEN4001 (3) Design Project II	ECEN3002 (1) ECE Seminars	RE Group A-F (3) 1 Course in Group A-F	CHLL1000/PORT1000 (3) University Chinese/ Portuguese Language 1 - Introductory Portuguese	GELH1000 (3)# Chinese Language and Culture	GE (3)\$ 1 GE in Global Awareness Area		

Legends:

CM Compulsory	RE Required Electives	CPE Community and Peer Education	L&S* Languages and Skills	GE General Education
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\* Students who test out of some or all of the Languages and Skills course(s) are required to make up the credits by taking additional Free Elective(s).

# There are 4 GE areas and each area will have a compulsory GE course.

\$ In addition to the four compulsory GE courses, students are required to complete the remaining GE credits by selecting 1 course from each area.

Elective Course Flow Chart - 2017/2018 intake

