

POSSIBLE SCHEDULE FOR ECE AY2015 INTAKE POLY STUDENTS

Possible Schedule (3 years) for Direct Entry (Poly) Students admitted to EE2 in Sem 1, AY2015/16

Schedule III	Schedule IV	Schedule V	Schedule VI	Special Term (ST)	Schedule VII	Schedule VIII
MA1301 ¹ (if not exempted)	MA1505 Maths I	MA1506 Maths II	EE2012 Analytical Methods in ECE	Optional Students may opt to do ST modules to reduce workload in regular semesters. ST fees applies. Possible options: - Technical electives / GE modules - Vacation Internship Program (VIP) 6MCs	EE4001 (6MCs)	EE4001 (6MCs)
CS1010E Programming Methodology	PC1222 ¹ Fundamentals of Physics II	EE2011 Engineering Electromagnetics	EE3031 (Innovation & Enterprise Project I)		EG2401 Engineering Professionalism	DEPTH ELECTIVE
EE1001 Emerging Technologies in EE	EE2021 Devices & Circuits	EE2023 Signals & Systems	PC2232 Physics for EE [Pre-Requisite:EE2011]		OUTERCORE BREADTH ELECTIVE	DEPTH ELECTIVE
EE1003 Intro to Signals & Communications	EE2024 Programming for Computer Interfaces [Pre-Requisite:EE2020] (5MCs)	EE2025 Power Electronics	EE2032 Signals & Communications Lab (3MCs)		OUTERCORE BREADTH ELECTIVE (not required if done VIP)	BREADTH / DEPTH ELECTIVE (not required if done VIP)
EE2020 Digital Fundamentals (5MCs)	*GET1021 Critical Thinking & Writing (T&E)	EE2031 Circuits & Systems Design Lab (3MCs)	OUTERCORE BREADTH ELECTIVE		GEQ module (AQ)	
ES1102 ² (0MC) (For those not exempted)	*GER1000 Quantity Reasoning (QR)	GES Module (SS)	GEH Module (HC)			
21 MC	25 MC	23 MC	23 MC		21 MC	18 MC

Important:

- MA1301 & PC1222 are taken as compulsory modules. Students exempted from MA1301 will take MA1505 in the first semester. No extra exemptions will be given, students exempted from MA1301 must take another Elective module to make up the 4MCs.
- ES1102 is to be read by students who do not meet the pre-requisite of GET1021. Refer to <http://www.nus.edu.sg/registrar/event/registration-get.html> for more details.
- Compulsory General Education (GE) Modules (5 Modules, 4MCs each): GEH- Human Cultures (HC) pillar, GER- Quantitative Reasoning (QR) pillar, GET- Thinking and Expression (T&E) pillar, GES- Singapore Studies (SS) pillar, GEQ- Asking Questions (AQ) pillar. * For AY1516 intake, GET1021 can be taken as a GE module to fulfil the Thinking & Expression (T&E) pillar. GER1000 can be taken to fulfil the Quantitative Reasoning (QR) pillar.
- Students who are qualify to read ES1501X Academic Expository Writing may read ES1501X in place of both GET1021 and ES2331, please check with the Faculty/Dept for more details. USP/UTCP/RVRC students should refer to their respective programmes for USP/UTCP/RVRC modules to be read in place of GET1021 and/or ES2331.
- The minimum 22 MCs of technical electives (3 outercore, 2 Depth, 1 Breadth/Depth) can be taken at any semester upon satisfying the pre-requisites.
- Students who opt to do Vacation Internship Program (VIP) 6MCs will only need (2 outercore and 2 Depth electives) to fulfil technical electives requirements.
- Students are free to re-schedule these modules (GES, GEH & GEQ) as they are done by bidding via CORS.
- Students may opt to do ST modules to reduce workload in regular semesters. ST fees applies. Details at <http://www.nus.edu.sg/registrar/events/special-term.html>