

# POSSIBLE SCHEDULE FOR ECE AY2015 INTAKE STUDENTS

## Possible Schedule for EE AY2015/16 Intake

Schedule I	Schedule II	Schedule III	Schedule IV	Special Term (ST)	Schedule V or VI	Schedule VI or V	Schedule VII	Schedule VIII
MA1505 Maths I	MA1506 Maths II	EE2023 Signals & Systems	EE2012 Analytical Methods in ECE	<b>Optional</b>  Students may opt to do ST modules (e.g. in Sem 3) to reduce workload in regular sem. ST fees applies.  e.g. technical electives / UEM / GE modules / EE2021 (if not cleared)	Industrial Attachment (12MCs)	EG2401 Engineering Professionalism	EE4001 (6MCs)	EE4001 (6MCs)
CS1010E Programming Methodology	EE1003 Intro to Signals & Communications	EE2024 Programming for Computer Interfaces [Pre-Requisite:EE2020] (5MCs)	EE2021 Devices & Circuits		Students on IA may take up evening modules (Optional)	EE2031 Circuits & Systems Design Lab (3MCs)	HR2002 Human Capital in Organisations	DEPTH ELECTIVE
EE1001 Emerging Technologies in EE	*GET1021 Critical Thinking & Writing (T&E)	EE2011 Engineering Electromagnetics	PC2232 (Physics module) [Pre-Requisite:EE2011]		Choose 1 of the following:	OUTERCORE BREADTH ELECTIVE	BREADTH / DEPTH ELECTIVE	1 Unrestricted Elective Module
EE1002 Intro to Circuits & Systems	EE2020 Digital Fundamentals (5MCs)	ES2331 Communicating Engineering [Pre-Requisite: ES1102]	EE2032 Signals & Communications Lab (3MCs)		1. EE3031 Innovation & Enterprise Project I	OUTERCORE BREADTH ELECTIVE	DEPTH ELECTIVE	1 Unrestricted Elective Module
*GER1000 Quantity Reasoning (QR)	GES Module (SS)	GEH Module (HC)	EE2025 Power Electronics		2. EG2401 Engineering Professionalism	OUTERCORE BREADTH ELECTIVE	1 Unrestricted Elective Module	1 Unrestricted Elective Module
ES1102 <sup>1</sup>			GEQ module (AQ)		3. Outercore or technical electives that are offered in the evening.	EE3031 Innovation & Enterprise Project I (if not done during IA)		
20 MCS	21 MCS	21 MCS	23 MCS			12 / 16 MCS	22 / 18 MCS	21 MCS

### Important:

- 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.
- Industrial Attachment (IA) will do done in Year 3, either Sem 1 or Sem 2, subjected to availability. Students who intend to go SEP should plan to take IA in Sem 1 and SEP in Sem 2 of Year 3. Students on IA may take 1- 2 evening modules, subjected to the approval of IA company. Students to access their own capability if they can cope with 1 or 2 evening modules.
- Students may opt to do ST modules to reduce workload in regular sem. ST fees applies. Details at <http://www.nus.edu.sg/registrar/events/special-term.html>
- Students are free to re-schedule these modules (GEH, GEQ, GES & UEMs) as they are done by bidding via CORS.
- The minimum 22 MCs of technical electives requirements (3 outercore, 2 Depth, 1 Breadth/Depth) can be taken at any semester upon satisfying the pre-requisites.