

POSSIBLE SCHEDULE FOR ECE AY2016 INTAKE STUDENTS

Possible Schedule for EE AY2016/17 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 [Pre-Requisite: MA1506]	EE2012 Analytical Methods in ECE [Pre-Requisite: MA1505+MA1506]	Optional 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 (IA) 12MCs	EE2031 Circuits & Systems Design Lab (3MCs) [Pre-Req: EE2021]	EE4001 (6MCs)	EE4001 (6MCs)	
CS1010E Programming Methodology	EE2020 Digital Fundamentals (5MCs) [Pre/Co-Requisite: CS1010E]	EE2024 Programming for Computer Interfaces (5MCs) [Pre-Requisite: EE2020 & CS1010E]	EE2027 Electronics Circuits (map to EE2021) [Pre- Requisite: EG1112]		Students on IA may take up to 2 evening modules. Choose 1 or 2 of the following:	1. EE3031 Innovation & Enterprise Project I 2. EG2401 Engineering Professionalism 3. Outercore or technical electives that are offered in the evening.	Outercore Elective (4MCs)	Technical Elective (4MCs) <i>(Pathway Requirements)</i>	Technical Elective (4MCs) <i>(Pathway Requirements)</i>
EG1111 Engineering Principles & Practice I (6 MCs)	EG1112 Engineering Principles & Practice II (6 MCs)	EE2011 Engineering Electromagnetics [Pre-Requisite: MA1505+MA1506]	PC2232 Physics for EE [Pre-Requisite: EE2011]		Outercore Elective (4MCs)		Outercore / Technical Elective (level-4000) (4MC/2MC)	1 Unrestricted Elective Module	
GER1000 Quantity Reasoning (QR)	ES1531* Critical Thinking & Writing [Pre-Requisite: ES1103]	ES2331* Communicating Engineering [Pre-Requisite: ES1103]	EE2025 Power Electronics [Pre- Req: EG1112]		Technical Elective (level-4000) (4MCs)		1 Unrestricted Elective Module	1 Unrestricted Elective Module	
ES1103* / GES Module (SS)	GEQ1000 Asking Questions (AQ)	GET Module (T&E)	EE2032 Signals & Communications Lab (3MCs) [Pre-Requisite: EE2011+EE2023]		GEH Module (HC)	<i>GE module (if have not completed all 5 GE modules)</i>			
						1 Unrestricted Elective Module (if not taken ES1103)			
22 MCS	23 MCS	21 MCS	19 MCS		19 MCS	23 MCs	18MCs/16MCs	18 MCS	

NOTE:

* ES1103 is to be read by students who do not meet the pre-requisite of ES1531 & ES2331. Refer to <http://www.nus.edu.sg/registrar/event/registration-get.html> for more details. ES1103 can be used to fulfil UEM requirements. For students who are required to take ES1103 in Sem I, the GE module can be taken in future semesters.

1. 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. GER1000 (pre-allocated in Year 1, Semester 1) will be taken to fulfil the Quantitative Reasoning (QR) pillar. GEQ1000 (pre-allocated in Year 1, Semester 2) will be taken to fulfil the Asking Questions (AQ) pillar.
2. Students who are qualify to read ES1501X Academic Expository Writing may read ES1501X in place of both ES1531 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 ES1531 and/or ES2331.
3. 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.
4. 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>
5. Students are free to re-schedule these modules (GEH, GES, GET & UEMs) as they are done by bidding via CORS.
6. The Outercore modules and Technical Electives can be taken at any semester upon satisfying the pre-requisites.