

POSSIBLE SCHEDULE FOR EE AY2016/17 INTAKE STUDENTS (Non-Poly)

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 <small>[Pre-Requisite: MA1506]</small>	EE2012 Analytical Methods in ECE <small>[Pre-Requisite: MA1505+MA1506]</small>	Optional Students may opt to do ST modules (e.g. in Sem 3) to reduce workload in regular sem. ST fees applies. See Tuition Fee Rebate Policy E.g. UEM / GE modules / Technical Electives.	Industrial Attachment (IA) 12MCs <i>(Optional evening modules, see point 3 below)</i>	EE2031 Circuits & Systems Design Lab (3MCs) <small>[Pre-Req: EE2021]</small>	EE4001 (6MCs)	EE4001 (6MCs)
CS1010E Programming Methodology	EE2020 Digital Fundamentals (5MCs) <small>[Pre/Co-Requisite: CS1010E]</small>	EE2024 Programming for Computer Interfaces (5MCs) <small>[Pre-Requisite: EE2020 & CS1010E]</small>	EE2027 Electronics Circuits (map to EE2021) <small>[Pre- Requisite: EG1112]</small>			EE3031 Innovation & Enterprise Project I	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 MC s)	EE2011 Engineering Electromagnetics <small>[Pre-Requisite: MA1505+MA1506]</small>	PC2232 Physics for EE <small>[Pre-Requisite: EE2011]</small>			Outercore Elective (4MCs)	Outercore / Technical Elective (level-4000) (2MC/4MC)	1 Unrestricted Elective Module
GER1000 Quantity Reasoning (QR)	ES1531* Critical Thinking & Writing <small>[Pre-Requisite: ES1103]</small>	ES2331* Communicating Engineering <small>[Pre-Requisite: ES1103]</small>	EE2025 Power Electronics <small>[Pre- Req: EG1112]</small>			Outercore Elective (4MCs)	EG2401 Engineering Professionalism	1 Unrestricted Elective Module <i>(or GE module, if have not fulfil all GE requirements)</i>
ES1103* / GES Module (SS)	GEQ1000 Asking Questions (AQ)	GET Module (T&E)	EE2032 Signals & Communications Lab (3MCs) <small>[Pre-Requisite: EE2011+EE2023]</small>			Technical Elective (level-4000) (4MCs)	1 Unrestricted Elective Module	
			1 Unrestricted Elective Module (can be done in ST or Schedule VII to reduce workload)				GEH Module (HC)	
22 MCS	23 MCS	21 MCS	19 MCS / 23 MCS	4MCs / OMC	12 MCS	23 MCs	19 / 21 MCs	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 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> & [Tuition Fee Rebate Policy](#)
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.