

POSSIBLE SCHEDULE FOR ECE AY2017 INTAKE STUDENTS

Possible Schedule for EE AY2017/18 Common Intake (joining EE2 in Sem 1 AY2018/19)

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 (map to MA1511 and 2 MCs UEM)	MA1512 Differential Equations for Eng (2 MCs)	EE2023 Signals & Systems [Pre-Requisite: MA1512]	EE2012 Analytical Methods in ECE [Pre-Req: MA1511 + MA1512 + MA1508E]	Highly recommended for students to do ST modules to reduce workload in regular sem. Possible options: - EE Technical electives - GE modules - UEM modules	Industrial Attachment (10 MCs)	EE2033 Integrated Systems Lab [Pre-Requisite: EE2023 + EE2027]	EE4002D Design Capstone (4MC)	EE4002D Design Capstone (4MC)
EG1111 Engineering Principles & Practice I	**MA1508E Linear Algebra for Engineers	EE2027 Electronics Circuits [Pre-Requisite: EG1112]	PC2020 Electromagnetics for Electrical Engineers [Pre-Req: MA1511 + MA1512]			EE3031 (Innovation & Enterprise Project I)	TECHNICAL ELECTIVE or EE4002R Research Capstone (4MC)	TECHNICAL ELECTIVE or EE4002R Research Capstone (4MC)
CS1010E Programming Methodology	EG1112 Engineering Principles & Practice II	EE2026 Digital Design [Pre-Req: EG1111, Co-Req: EG1112 + IT1007]	EE2028 Microcontroller Programming and Interfacing [Pre-Req: IT1007+ EE2026]			EG2401 Engineering Professionalism (2MC)	TECHNICAL ELECTIVE (Pathway Requirements)	TECHNICAL ELECTIVE (Pathway Requirement)
Year 1 Common Eng module (e.g. PC1431/PC1431) [convert to UEM]	Year 1 Common Eng module (e.g. PC1431/PC1431) [convert to UEM]	ES1531 Critical Thinking & Writing	OUTERCORE TECHNICAL ELECTIVE			OUTERCORE TECHNICAL ELECTIVE	UEM / Minor / TE specialization module	1 UEM (if not required to take ES1103)
GER1000 Quantity Reasoning (QR)	ES1103 ¹ / GET Module	GEQ1000 Asking Questions (AQ)	GES/GEH Module			OUTERCORE TECHNICAL ELECTIVE	UEM / Minor / TE specialization module	UEM / Minor / TE specialization module (not required if done in ST)
	GES/GEH Module	CFG1010 Roots & Wing (2MC) (to fulfil UEM)				UEM / Minor / TE specialization module		
22 MCs	24 MCs	22 MCs	20 MCs				10 MCs	22 MCs
**MA1508E: Students who wish to join EE should take MA1508E in place of MA1513 in Year 1 Sem 2.								

¹ ES1103 is to be read by students who do not meet the pre-requisite of ES1531. 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.

NOTE:

- 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. GET module should be taken before ES1531.
- Students who are qualified to read ES1501X Academic Expository Writing may read ES1501X in place of ES1531, 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.
- Industrial Attachment (IA) will be 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 may opt to do ST modules to reduce workload in regular sem. ST fees apply. Details at <http://www.nus.edu.sg/registrar/events/special-term.html>
- Students are free to re-schedule these modules (GEH, GES & UEMs) as they are done by bidding via CORS.
- The Outercore modules (12MCs) and Technical Electives (16MCs) can be taken at any semester upon satisfying the pre-requisites.