

POSSIBLE SCHEDULE FOR ECE AY2017 INTAKE STUDENTS

Possible Schedule for GEP- EE AY2017/18 Intake (PPP Pathway)

Schedule I	Schedule II	Special Term (ST)	Schedule III	Schedule IV	Special Term (ST)	Schedule V	Schedule VI
MA1511 Engineering Calculus (2 MCs) MA1512 Differential Equations for Engg (2 MCs)	MA1508E Linear Algebra for Engineers	Optional Students are highly encouraged to do ST modules) to reduce workload in regular sem. ST fees applies. For example: 1. UEM modules 2. GE modules	EE2028 Microcontroller Programming and Interfacing [Pre-Req: IT1007+ EE2026]	EE2012 Analytical Methods In ECE [Pre-Req: MA1511 + MA1512]+ MA1508E	Optional Students may opt to do ST modules (e.g. in Sem 3) to reduce workload in regular sem. ST fees applies. For example: 1. Vacation Internship Programme (VIP, 6MCs) 2. Technical Electives 3. UEM / GE modules	EE4002D Design Capstone (4MC)	EE4002D Design Capstone (4MC)
IT1007 Introduction to Programming with Python and C	EE2026 Digital Design [Pre-Req: EG1111, Co-Req: EG1112 + IT1007]		EE3031 (Innovation & Enterprise Project I)	PC2020 Electromagnetics for Electrical Engineers [Pre-Req: MA1511 + MA1512]		TECHNICAL ELECTIVE (Pathway Requirements)	TECHNICAL ELECTIVE (Pathway Requirements)
EG1111 Engineering Principles & Practice I (6 MCs)	EG1112 Engineering Principles & Practice II (6 MCs)		EE2027 Electronics Circuits [Pre-Req: EG1112]	EE2033 Integrated Systems Lab [Pre-Requisite: EE2023 + EE2027]		TECHNICAL ELECTIVE	TECHNICAL ELECTIVE
GER1000 Quantity Reasoning (QR)	EE2023 Signals & Systems [Pre-Req: MA1512]		OUTERCORE TECHNICAL ELECTIVE	EG2401 Engineering Professionalism (2MC)		TECHNICAL ELECTIVE (in lieu of IA)	1 Unrestricted Elective Module
ES1103 ¹ / GET Module	ES1531 Critical Thinking & Writing		OUTERCORE TECHNICAL ELECTIVE	OUTERCORE TECHNICAL ELECTIVE		TECHNICAL ELECTIVE / UEM (2MC to fulfil UEM)	1 Unrestricted Elective Module
1 Unrestricted Elective Module	GEQ1000 Asking Questions (AQ)		GES/GEH Module	GES/GEH Module		1 Unrestricted Elective Module	
			CFG1010 Roots & Wing (2MC) (to fulfil UEM)	1 Unrestricted Elective Module / GE module		TECHNICAL ELECTIVE (2MCs) - if did not do VIP	TECHNICAL ELECTIVE (4MCs) - if did not do VIP
26 MCS	26 MCS		8 MCs	26 MCS		26 MCS	6MCs / 0 MC

- Note:**
- 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. It 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.
 - Compulsory General Education (GE) Modules (5 Modules, 4MCs each): GEH- Human Cultures (HC) pillar, GET- Thinking and Expression (T&E) pillar, GES- Singapore Studies (SS) pillar, GER1000 will be taken to fulfil the Quantitative Reasoning (QR) pillar, GEQ1000 will be taken to fulfil Asking Questions (AQ) pillar. GET module should be taken before ES1531.
 - USP/UTCP/RVRC students should refer to their respective college programmes for USP/UTCP/RVRC modules to be read in place of ES1531.
 - The Outercore modules (12MCs) and Technical Electives (TE, 16MCs) can be taken at any semester upon satisfying the pre-requisites. GEP students will need to do another 3 technical electives (12MCs) or [VIP (6MCs) + 1 TE (4MC)] in lieu of Industrial Attachment (IA), total min 38 MCs.
 Students without VIP: 3 outercore, 7 TEs (include 2 pathway requirements) = 40 MCs.
 Students with VIP: (3 outercore, 5 TEs (include 2 pathway requirements) + VIP (6MCs) = 38 MCs
 - Students may opt to do ST modules (e.g. TE, UEM, GE 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, GES & UEMs) as they are done by bidding via CORS.