

POSSIBLE SCHEDULE FOR ECE AY2017 INTAKE STUDENTS

Possible Schedule for EE AY2017/18 Intake (PPP pathway – IA in Year 3 Sem 1)

AY1718, S1	AY1718, S2	AY1819, S1	AY1819, S2	AY1819	AY1920, S1	AY1920, S2	AY2021, S1	AY2021, S2		
Schedule I	Schedule II	Schedule III	Schedule IV	Special Term (ST)	Schedule V	Schedule VI	Schedule VII	Schedule VIII		
MA1511 Engineering Calculus (2 MCs) MA1512 Differential Equations for Eng(2 MCs)	MA1508E Linear Algebra for Engineers	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)	EE4002D Design Capstone (4MC)	EE4002D Design Capstone (4MC)	TECHNICAL ELECTIVE (Pathway Requirements)		
IT1007 Introduction to Programming with Python and C	ES1531 Critical Thinking & Writing [Pre-Requisite: ES1103]	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)		
EG1111 Engineering Principles & Practice I (6 MCs)	EG1112 Engineering Principles & Practice II (6 MCs)	EE2028 Microcontroller Programming and Interfacing [Pre-Req: IT1007+ EE2026]	EE2033 Integrated Systems Lab [Pre-Requisite: EE2023 + EE2027]			OUTCORE TECHNICAL ELECTIVE	TECHNICAL ELECTIVE (Pathway Requirements)	UEM / Minor / TE specialization module		
GER1000 Quantity Reasoning (QR)	EE2026 Digital Design [Pre-Req: EG1111, Co-Req: EG1112 + IT1007]	GES/GEH Module	OUTCORE TECHNICAL ELECTIVE			OUTCORE TECHNICAL ELECTIVE	EG2401 Engineering Professionalism (2MC)	1 UEM/GE Module (depending on which one you have not fulfil)		
ES1103 1 / GET Module	GEQ1000 Asking Questions (AQ)	CFG1010 Roots & Wing (2MC) (to fulfil UEM)	GES/GEH Module			UEM / Minor / TE specialization module	UEM / Minor / TE specialization module	UEM / Minor / TE specialization module (not required if done in ST)		
		UEM / Minor / TE specialization module				TECHNICAL ELECTIVE (2MC, to fulfil UEM)	UEM / Minor / TE specialization module			
22 MCS	22 MCS	22 MCS	20 MCS				10 MCS	22 MCS	22MCS	20 MCS

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. Ideally, GET module should be taken before ES1531.
- Students who are qualify 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 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 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, GES & UEMs) as they are done by bidding via CORS.
- The Outcore modules (12MCs) and Technical Electives (16MCs) can be taken at any semester upon satisfying the pre-requisites.

POSSIBLE SCHEDULE FOR ECE AY2017 INTAKE STUDENTS

Possible Schedule for EE AY2017/18 Intake (PPP pathway – IA in Year 3 Sem 2)

AY1718, S1	AY1718, S2	AY1819, S1	AY1819, S2	AY1920, S1	AY1920, S2	AY1819	AY2021, S1	AY2021, S2	
Schedule I	Schedule II	Schedule III	Schedule IV	Schedule VI	Schedule V	Special Term (ST)	Schedule VII	Schedule VIII	
MA1511 Engineering Calculus (2 MCs) MA1512 Differential Equations for Eng(2 MCs)	MA1508E Linear Algebra for Engineers	EE2023 Signals & Systems [Pre-Requisite: MA1512]	EE2012 Analytical Methods in ECE [Pre-Req: MA1511 + MA1512 + MA1508E]	EE3031 (Innovation & Enterprise Project I)	Industrial Attachment (10 MCs)	Highly recommended for students to do ST modules to reduce workload in regular sem. Possible options: - EE Technical electives - GE modules - UEM modules	EE4002D Design Capstone (4MC)	EE4002D Design Capstone (4MC)	
IT1007 Introduction to Programming with Python and C	ES1531 Critical Thinking & Writing [Pre-Requisite: ES1103]	EE2027 Electronics Circuits [Pre-Requisite: EG1112]	PC2020 Electromagnetics for Electrical Engineers [Pre-Req: MA1511 + MA1512]	EG2401 Engineering Professionalism (2MC)			TECHNICAL ELECTIVE or EE4002R Research Capstone (4MC)	TECHNICAL ELECTIVE or EE4002R Research Capstone (4MC)	
EG1111 Engineering Principles & Practice I (6 MCs)	EG1112 Engineering Principles & Practice II (6 MCs)	EE2028 Microcontroller Programming and Interfacing [Pre-Req: IT1007+ EE2026]	EE2033 Integrated Systems Lab [Pre-Requisite: EE2023 + EE2027]	OUTERCORE TECHNICAL ELECTIVE			TECHNICAL ELECTIVE (Pathway Requirements)	UEM / Minor / TE specialization module	
GER1000 Quantity Reasoning (QR)	EE2026 Digital Design [Pre-Req: EG1111, Co-Req: EG1112 + IT1007]	GES/GEH Module	OUTERCORE TECHNICAL ELECTIVE	OUTERCORE TECHNICAL ELECTIVE			UEM / Minor / TE specialization module	1 UEM (if not required to take ES1103)	
ES1103 ¹ / GET Module	GEQ1000 Asking Questions (AQ)	GEH/GES Module	UEM / Minor / TE specialization module	TECHNICAL ELECTIVE (Pathway Requirement)			UEM / Minor / TE specialization module	UEM / Minor / TE specialization module (not required if done in ST)	
		CFG1010 Roots & Wing (2MC, to fulfil UEM)		UEM / Minor / TE specialization module			TECHNICAL ELECTIVE (2MC) (to fulfil UEM)		
22 MCS	22 MCS	22 MCS	20 MCS	22 MCS			10 MCS	22 MCS	20 MCS

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