

POSSIBLE SCHEDULE FOR ECE AY2016 INTAKE POLY STUDENTS

Possible Schedule (3 years) for Poly Students admitted to EE2 in Sem 1, AY2016/17

Schedule III	Schedule IV	Special Term (ST)	Schedule V	Schedule VI	Special Term (ST)	Schedule VII	Schedule VIII
MA1301 ¹ (if not exempted)	MA1505 Maths I	Optional Students may opt to do ST modules to reduce workload in regular sem. ST fees applies. Possible options: - EE2021[#] (highly recommended to take EE2021 in ST to reduce workload in Schedule IV) - GE modules / Technical Electives	MA1506 Maths II	EE2012 Analytical Methods in ECE	Optional Students may opt to do ST modules to reduce workload in regular sem. ST fees applies. Possible options: - Technical Electives/ GE modules - Vacation Internship Program (VIP) 6MCs (Refer to VIP website for eligibility & procedures)	EE4001 (6MCs)	EE4001 (6MCs)
CS1010E Programming Methodology	PC1222 ¹ Fundamentals of Physics II		EE2011 Engineering Electromagnetics	EE3031 (Innovation & Enterprise Project I)		EG2401 Engineering Professionalism	DEPTH ELECTIVE
EE1001 Emerging Technologies in EE	EE2021 [#] Devices & Circuits		EE2023 Signals & Systems	PC2232 Physics for EE [Pre-Requsite:EE2011]		OUTERCORE BREADTH ELECTIVE	DEPTH ELECTIVE
EE1003 Intro to Signals & Communications	EE2024 Programming for Computer Interfaces [Pre-Requsite:EE2020] (5MCs)		EE2025 Power Electronics	EE2032 Signals & Communications Lab (3MCs)		OUTERCORE BREADTH ELECTIVE	BREADTH / DEPTH ELECTIVE (not required if done VIP)
EE2020 Digital Fundamentals (5MCs)	ES1103 ² or GET1021 Critical Thinking & Writing (T&E)		EE2031 Circuits & Systems Design Lab (3MCs)	OUTERCORE BREADTH ELECTIVE		GEH Module (HC)	GE module (if have not completed all 5 GE modules)
	GER1000 Quantity Reasoning (QR)		GEQ1000 Asking Questions (AQ)	GES Module (SS) or GET1021 (if not done)			
21 MC	25 MC			23 MC		23 MC	

Important:

1. MA1301 & PC1222 are taken as compulsory modules. Students exempted from MA1301 will take MA1505 in the first semester. No extra exemptions will be given, students exempted from MA1301 must take another unrestricted elective module (UEM) to make up the 4MCs.
2. ES1103 is to be read by students who do not meet the pre-requisite of GET1021. Refer to <http://www.nus.edu.sg/registrar/event/registration-get.html> for more details.
3. 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. GET1021 can be taken as a GE module to fulfil the Thinking & Expression (T&E) pillar. GER1000 can be taken to fulfil the Quantitative Reasoning (QR) pillar. GEQ1000 will be taken to fulfil the Asking Questions (AQ) pillar.
4. USP/UTCP/RVRC students should refer to their respective college programmes for USP/UTCP/RVRC modules to be read in place of GET1021 and/or ES2331.
5. The minimum 22 MCs of technical electives (3 outercore, 2 Depth, 1 Breadth/Depth) can be taken at any semester upon satisfying the pre-requisites.
6. Students who opt to do Vacation Internship Program (VIP) 6MCs will only need (2 outercore and 2 Depth electives) to fulfil technical electives requirements.
7. Students are free to re-schedule these modules (GES, GEH & GEQ) as they are done by bidding via CORS.
8. Students may opt to do ST modules (e.g. EE2021, GE, TE) to reduce workload in regular sem. ST fees applies. Details at <http://www.nus.edu.sg/registrar/events/special-term.html>

POSSIBLE SCHEDULE FOR ECE AY2016 INTAKE POLY STUDENTS

Possible Schedule (3.5 years) for Poly Students admitted to EE2 in Sem 1, AY2016/17
(For students who wish to take a slower pace & graduate in 3.5 years)

Schedule III	Schedule IV	Schedule V	Schedule VI	Schedule VII	Schedule VIII	Extend 1 semester
MA1301 ¹ (if not exempted)	MA1505 Maths I	MA1506 Maths II	EE2012 Analytical Methods in ECE	EE3031 (Innovation & Enterprise Project I)	EE4001 (6MCs)	EE4001 (6MCs)
CS1010E Programming Methodology	PC1222 ¹ Fundamentals of Physics II	*EE2024 Programming for Computer Interfaces [Pre-Requisite:EE2020] (5MCs)	*EE2023 Signals & Systems	*EE2032 Signals & Communications Lab (3MCs)	DEPTH ELECTIVE	DEPTH ELECTIVE
EE1001 Emerging Technologies in EE	EE2021 Devices & Circuits	EE2011 Engineering Electromagnetics	PC2232 Physics for EE [Pre-Requisite:EE2011]	EG2401 Engineering Professionalism	OUTERCORE BREADTH ELECTIVE	BREADTH / DEPTH ELECTIVE
EE1003 Intro to Signals & Communications	ES1103 ² or GET1021 Critical Thinking & Writing (T&E)	EE2025 Power Electronics	EE2031 Circuits & Systems Design Lab (3MCs)	OUTERCORE BREADTH ELECTIVE	GE module <i>(if have not completed all 5 GE modules)</i>	
EE2020 Digital Fundamentals (5MCs)	GER1000 Quantity Reasoning (QR)	GEQ1000 Asking Questions (AQ)	GES Module (SS) or GET1021 <i>(if not done)</i>	OUTERCORE BREADTH ELECTIVE		
				GEH Module (HC)		
21 MC	20 MC	21 MC	19 MC	22 MC	14 MC	14 MC

* Students who wish to follow the 3.5 years schedule may request to drop their pre-allocated EE2 modules by approaching the Department or email to levlye@nus.edu.sg

Important:

1. MA1301 & PC1222 are taken as compulsory modules. Students exempted from MA1301 will take MA1505 in the first semester. No extra exemptions will be given, students exempted from MA1301 must take another unrestricted elective module (UEM) to make up the 4MCs.
2. ES1103 is to be read by students who do not meet the pre-requisite of GET1021. Refer to <http://www.nus.edu.sg/registrar/event/registration-get.html> for more details.
3. 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. GET1021 can be taken as a GE module to fulfil the Thinking & Expression (T&E) pillar. GER1000 can be taken to fulfil the Quantitative Reasoning (QR) pillar. GEQ1000 will be taken to fulfil the Asking Questions (AQ) pillar.
4. USP/UTCP/RVRC students should refer to their respective college programmes for USP/UTCP/RVRC modules to be read in place of GET1021 and/or ES2331.
5. The minimum 22 MCs of technical electives (3 outercore, 2 Depth, 1 Breadth/Depth) can be taken at any semester upon satisfying the pre-requisites.
6. Students are free to re-schedule these modules (GES, GEH & GEQ) as they are done by bidding via CORS.
7. Students may opt to do ST modules (e.g. EE2021, GE, TE) to reduce workload in regular sem. ST fees applies. Details at <http://www.nus.edu.sg/registrar/events/special-term.html>

POSSIBLE SCHEDULE FOR ECE AY2016 INTAKE POLY STUDENTS

Possible Schedule (3 years) for Poly Students admitted to EE2 in Sem 1, AY2016/17 – for students taking ES1103 in first semester

Schedule III	Schedule IV	Special Term (ST)	Schedule V	Schedule VI	Special Term (ST)	Schedule VII	Schedule VIII
MA1301 ¹ (if not exempted)	MA1505 Maths I	<p>Optional Students may opt to do ST modules to reduce workload in regular sem. ST fees applies.</p> <p>Possible options: - EE2021[#] (highly recommended to take EE2021 in ST to reduce workload in Schedule IV)</p> <p>- GE modules / Technical Electives</p>	MA1506 Maths II	EE2012 Analytical Methods in ECE	<p>Optional Students may opt to do ST modules to reduce workload in regular sem. ST fees applies.</p> <p>Possible options: - Technical Electives/ GE modules</p> <p>- Vacation Internship Program (VIP) 6MCs (Refer to VIP website for eligibility & procedures)</p>	EE4001 (6MCs)	EE4001 (6MCs)
CS1010E Programming Methodology	PC1222 ¹ Fundamentals of Physics II		EE2024 Programming for Computer Interfaces [Pre-Requisite:EE2020] (5MCs)	EE2023 Signals & Systems		EE2032 Signals & Communications Lab (3MCs)	DEPTH ELECTIVE
EE1001 Emerging Technologies in EE	EE2021 [#] Devices & Circuits		EE2011 Engineering Electromagnetics	PC2232 Physics for EE [Pre-Requisite:EE2011]		OUTERCORE BREADTH ELECTIVE	DEPTH ELECTIVE
EE1003 Intro to Signals & Communications	EE2020 Digital Fundamentals (5MCs)		EE2025 Power Electronics	EE2031 Circuits & Systems Design Lab (3MCs)		OUTERCORE BREADTH ELECTIVE (not required if done VIP)	BREADTH / DEPTH ELECTIVE (not required if done VIP)
ES1103 ² (for those not exempted)	GET1021 Critical Thinking & Writing (T&E)		OUTERCORE BREADTH ELECTIVE	EE3031 (Innovation & Enterprise Project I)			EG2401 Engineering Professionalism
	GER1000 Quantity Reasoning (QR)		GEQ1000 Asking Questions (AQ)	GES Module (SS)		GEH Module (HC)	
20 MC	25 MC			25 MC		23 MC	

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- ES1103 is to be read by students who do not meet the pre-requisite of GET1021. Refer to <http://www.nus.edu.sg/registrar/event/registration-get.html> for more details.
- 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. GET1021 can be taken as a GE module to fulfil the Thinking & Expression (T&E) pillar. GER1000 can be taken to fulfil the Quantitative Reasoning (QR) pillar. GEQ1000 will be taken to fulfil the Asking Questions (AQ) pillar.
- USP/UTCP/RVRC students should refer to their respective college programmes for USP/UTCP/RVRC modules to be read in place of GET1021 and/or ES2331.
- The minimum 22 MCs of technical electives (3 outercore, 2 Depth, 1 Breadth/Depth) can be taken at any semester upon satisfying the pre-requisites.
- Students who opt to do Vacation Internship Program (VIP) 6MCs will only need (2 outercore and 2 Depth electives) to fulfil technical electives requirements.
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