POSSIBLE SCHEDULE FOR ECE AY2014 INTAKE POLY STUDENTS

Possible Schedule (3 years) for Poly Students admitted to EE2 in Sem 1, AY2014/15 (Student not taking VIP or EE3032)

Schedule III	Schedule IV	Schedule V	Schedule VI	Schedule VII	Schedule VIII
MA1301[1] Introductory Mathematics	MA1505 Maths I	MA1506 Maths II	EE2012 Analytical Methods in ECE	EE4001 BEng Dissertation	EE4001 BEng Dissertation
CS1010E Programming Methodology	PC1222 Fundamentals of Physics II	EE2011 Engineering Electromagnetics	PC2232 Physics for EE [Pre-Requsite:EE2011]	EG2401 Engineering Professionalism	DEPTH ELECTIVE
EE1001 Emerging Technologies in EE	EE2021 Devices & Circuits	EE2023 Signals & Systems	EE2032 Signals & Communications Lab (3MCs)	ELECTIVE (OUTERCORE)	DEPTH ELECTIVE
EE1003 Intro to Signals & Communications	EE2024 Programming for Computer Interfaces [Pre-Requsite:EE2020] (5MCs)	EE2025 Power Electronics	EE3031 Innovation & Enterprise Project I	ELECTIVE (OUTERCORE)	1 Unrestricted Module (UEM)
EE2020 Digital Fundamentals (5MCs)	GEM Module: **GEK1549 Critical Thinking & Writing	EE2031 Circuits & Systems Design Lab (3MCs)	1 ULR-Breadth	ELECTIVE (OUTERCORE)	ELECTIVE (OUTERCORE)
*ES1102 (those not exempted)		1 SS Module	BREADTH / DEPTH ELECTIVE (UNRESTRICTED)		
21 MC	21 MC	23 MC	23 MC	21 MC	22MCs

IMPORTANT:

1. MA1301 & PC1222 are taken as compulsory program requirements. **Students exempted from MA1301** will take MA1505 in the first semester & will need to **take one additional Breadth/Depth Elective to make-up the 4MCs shortfall.**
2. AY1415 Poly student will take 2 **Bridging modules (MA1301 + PC1222) & (1 Outercore elective or VIP)** in lieu of IA (12MCs) under Program Requirements.
3. Students are required to take **7 Technical Electives (4 Outercore, 2 Depth, 1 Breadth/Depth)** if not taking VIP or EE3032.
4. ***ES1102** (English Module)– For students who are not exempted. Refer to http://www.eng.nus.edu.sg/ugrad/welcome/get.html for more details.
5. ****GEK1549** is a compulsory English module for B.Eng(EE) students admitted from AY2014/15. The module should be read to fulfill **GEM A requirements**.
6. The above University Level Requirements (UEM/ULR/SS) are for reference only. Students are free to re-schedule these modules as they are done by biding via CORS.
7. The technical electives satisfying the EE Outercore/Breadth/Depth requirements can be taken at any semester upon satisfying the pre-requisites.

POSSIBLE SCHEDULE FOR ECE AY2014 INTAKE POLY STUDENTS

Possible Schedule (3 years) for Poly Students admitted to EE2 in Sem 1, AY2014/15 (with VIP)

Schedule III	Schedule IV	Special Term (ST)-*Optional*	Schedule V	Schedule VI	Schedule VII	Schedule VIII
MA1301[1] Introductory Mathematics	MA1505 Maths I	Vacation Internship Programme (VIP) - 6MCs	MA1506 Maths II	EE2012 Analytical Methods in ECE	EE4001 BEng Dissertation	EE4001 BEng Dissertation
CS1010E Programming Methodology	PC1222 Fundamentals of Physics II		EE2011 Engineering Electromagnetics	PC2232 Physics for EE [Pre-Requsite:EE2011]	EG2401 Engineering Professionalism	DEPTH ELECTIVE
EE1001 Emerging Technologies in EE	EE2021 Devices & Circuits		EE2023 Signals & Systems	EE2032 Signals & Communications Lab (3MCs)	ELECTIVE (OUTERCORE)	DEPTH ELECTIVE
EE1003 Intro to Signals & Communications	EE2024 Programming for Computer Interfaces [Pre-Requsite:EE2020] (5MCs)		EE2025 Power Electronics	EE3031 Innovation & Enterprise Project I	ELECTIVE (OUTERCORE)	1 Unrestricted Module (UEM)
EE2020 Digital Fundamentals (5MCs)	GEM Module: **GEK1549 Critical Thinking & Writing		EE2031 Circuits & Systems Design Lab (3MCs)	1 ULR-Breadth	BREADTH / DEPTH ELECTIVE (UNRESTRICTED)	
*ES1102 (those not exempted)			1 SS Module			
21 MC	21 MC	6 MCs	23 MC	19 MC	21 MC	18 MCs

IMPORTANT:

1. MA1301 & PC1222 are taken as compulsory program requirements. **Students exempted from MA1301** will take MA1505 in the first semester & will need to **take one additional Breadth/Depth Elective to make-up the 4MCs shortfall.**
3. AY1415 Poly student will take 2 **Bridging modules (MA1301 + PC1222) & (1 Outercore elective or VIP)** in lieu of IA (12MCs) under Program Requirements.
2. .Students who take **VIP** (6MCs) in the Special Term will need to take **5 Technical Electives (2 outercore, 2 Depth, 1 Breadth/Depth)** to fulfill their graduation requirements.
3. Students who have taken **EE3032** (6MCs) but not taking VIP will need to take **5 Technical Electives (3 outercore, 2 Depth)** to fulfill their graduation requirements.
5. ***ES1102** (English Module)– For students who are not exempted. Refer to http://www.eng.nus.edu.sg/ugrad/welcome/get.html for more details.
6. ****GEK1549** is a compulsory English module for B.Eng(EE) students admitted from AY2014/15. The module should be read to fulfill **GEM A requirements**.
7. The above University Level Requirements (UEM/ULR/SS) are for reference only. Students are free to re-schedule these modules as they are done by biding via CORS.
8. The technical electives satisfying the EE Outercore/Breadth/Depth requirements can be taken at any semester upon satisfying the pre-requisites.

POSSIBLE SCHEDULE FOR ECE AY2014 INTAKE POLY STUDENTS

Possible Schedule (3 years) for Poly Students admitted to EE2 in Sem 1, AY2014/15 (with VIP and EE3032)

Schedule III	Schedule IV	Special Term (AY1415)	Schedule V	Schedule VI	Special Term (AY1516)	Schedule VII	Schedule VIII
MA1301[1] Introductory Mathematics	MA1505 Maths I	EE3032[3] Innovation & Enterprise Project II (optional) - Pre-req EE2024	MA1506 Maths II	EE2012 Analytical Methods in ECE	Vacation Internship Programme (VIP) - 6MCs	EE4001 BEng Dissertation	EE4001 BEng Dissertation
CS1010E Programming Methodology	PC1222 Fundamentals of Physics II		EE2011 Engineering Electromagnetics	PC2232 Physics for EE [Pre-Requsite:EE2011]		EG2401 Engineering Professionalism	DEPTH ELECTIVE
EE1001 Emerging Technologies in EE	EE2021 Devices & Circuits		EE2023 Signals & Systems	EE2032 Signals & Communications Lab (3MCs)		ELECTIVE (OUTERCORE)	DEPTH ELECTIVE
EE1003 Intro to Signals & Communications	EE2024 Programming for Computer Interfaces [Pre-Requsite:EE2020] (5MCs)		EE2025 Power Electronics	EE3031 Innovation & Enterprise Project I		ELECTIVE (OUTERCORE)	1 Unrestricted Module (UEM)
EE2020 Digital Fundamentals (5MCs)	GEM Module: **GEK1549 Critical Thinking & Writing		EE2031 Circuits & Systems Design Lab (3MCs)	1 ULR-Breadth			
*ES1102 (those not exempted)			1 SS Module				
21 MC	21 MC	6 MCs	23 MC	19 MC	6 MCs	17 MC	18 MCs

IMPORTANT:

1. MA1301 & PC1222 are taken as compulsory program requirements. **Students exempted from MA1301** will take MA1505 in the first semester & will need to **take one additional Technical Elective to make-up the 4MCs shortfall.**
2. AY1415 Poly student will take 2 **Bridging modules (MA1301 + PC1222) & (1 Outercore elective or VIP)** in lieu of IA (12MCs) under Program Requirements..
3. Student who have taken **EE3032** (6MCs) **AND VIP** (6MCs) in the Special Term will need to take **4 Technical Electives (2 outercore, 2 Depth)** to fulfill their graduation requirements.
4. ***ES1102** (English Module)– For students who are not exempted. Refer to http://www.eng.nus.edu.sg/ugrad/welcome/get.html for more details.
5. ****GEK1549** is a compulsory English module for B.Eng(EE) students admitted from AY2014/15. The module should be read to fulfill **GEM A requirements**.
6. The above University Level Requirements (UEM/ULR/SS) are for reference only. Students are free to re-schedule these modules as they are done by biding via CORS.
7. The technical electives satisfying the EE Outercore/Breadth/Depth requirements can be taken at any semester upon satisfying the pre-requisites.

POSSIBLE SCHEDULE FOR ECE AY2014 INTAKE POLY STUDENTS

Possible Schedule (3.5 years) for Poly Students admitted to EE2 in Sem 1, AY2014/15 (Student not taking VIP or EE3032)

[For students who wish to take a slower pace & complete in 3.5 years]

Schedule III	Schedule IV	Schedule V	Schedule VI	Schedule VII	Schedule VIII	Schedule IX
MA1301[1] Introductory Mathematics	MA1505 Maths I	MA1506 Maths II	EE2012 Analytical Methods in ECE	EG2401 Engineering Professionalism	EE4001 BEng Dissertation	EE4001 BEng Dissertation
CS1010E Programming Methodology	PC1222 Fundamentals of Physics II	EE2011 Engineering Electromagnetics	PC2232 Physics for EE [Pre-Requsite:EE2011]	ELECTIVE (OUTERCORE)	ELECTIVE (OUTERCORE)	DEPTH ELECTIVE
EE1001 Emerging Technologies in EE	EE2021 Devices & Circuits	EE2023 Signals & Systems	EE2032 Signals & Communications Lab (3MCs)	ELECTIVE (OUTERCORE)	BREADTH / DEPTH ELECTIVE (UNRESTRICTED	DEPTH ELECTIVE
EE1003 Intro to Signals & Communications	EE2024 Programming for Computer Interfaces [Pre-Requsite:EE2020] (5MCs)	EE2025 Power Electronics	EE3031 Innovation & Enterprise Project I	ELECTIVE (OUTERCORE)		
EE2020 Digital Fundamentals (5MCs)	GEM Module: **GEK1549 Critical Thinking & Writing	EE2031 Circuits & Systems Design Lab (3MCs)	1 ULR-Breadth	1 Unrestricted Module (UEM)		
*ES1102 (those not exempted)		1 SS Module				
21 MC	21 MC	23 MC	19 MC	19 MC	14 MCs	14 MCs

IMPORTANT:

1. MA1301 & PC1222 are taken as compulsory program requirements. **Students exempted from MA1301** will take MA1505 in the first semester & will need to **take one additional Breadth/Depth Elective to make-up the 4MCs shortfall.**
2. AY1415 Poly student will take 2 **Bridging modules (MA1301 + PC1222) & (1 Outercore elective or VIP)** in lieu of IA (12MCs) under Program Requirements.
3. Students are required to take **7 Technical Electives (4 Outercore, 2 Depth, 1 Breadth/Depth)** if not taking VIP or EE3032.
4. ***ES1102** (English Module)– For students who are not exempted. Refer to http://www.eng.nus.edu.sg/ugrad/welcome/get.html for more details.
5. ****GEK1549** is a compulsory English module for B.Eng(EE) students admitted from AY2014/15. The module should be read to fulfill **GEM A requirements**.
6. The above University Level Requirements (UEM/ULR/SS) are for reference only. Students are free to re-schedule these modules as they are done by biding via CORS.
7. The technical electives satisfying the EE Outercore/Breadth/Depth requirements can be taken at any semester upon satisfying the pre-requisites.