POSSIBLE SCHEDULE (3 YEARS) FOR STUDENTS WITH POLYTECHNIC DIPLOMA ADMITTED TO EE2 IN AY2026/27

Polytechnic graduates may complete their graduation requirements in 3 years with their Polytechnic course exemptions

AY26/27, S1	AY26/27, S2	AY27/28, S1	AY27/28, S2	AY28/29, S1	AY28/29, S2
Schedule I	**Schedule II**	**Schedule III**	**Schedule IV**	**Schedule V**	**Schedule VI**
MA1301[1] **(UE 1)** *for those required to do, see Note 1* *OR* **MA1511** Engineering Calculus (2 units) + **MA1512** Differential Equations for Eng (2 units)	**MA1508E** Linear Algebra for Engineers	**MA1511** Engineering Calculus (2 units) + **MA1512** Differential Equations for Eng (2 units) *(For those not done)*	**Artificial Intelligence** (EE2211 Introduction to Machine Learning Pre-Req: CS1010E, MA1511, MA1508E]	**EE4002D / EE4002R** Design / Research Capstone	**EE4002D / EE4002R** Design / Research Capstone
PC1201[1] **Fundamentals of Physics (UE 2)**	**Data Literacy** (GEA1000 Quantitative Reasoning)	**Critique & Expression** [ES2631 Critical Thinking & Writing Pre-Requisite: ES1103]	**Singapore Studies** (CDE2501 Liveable Cities)	**EE3033 Systems Integration and Design Lab** [Pre-Req: EE2023, EE2026, EE2027]	**Technical Elective**
Digital Literacy (CS1010E Programming Methodology)	**Project Management** (PF1101A Project Management and Finance)	**EE2028 Microcontroller Programming and Interfacing** [Pre-Requisite: EE2111A & CS1010E]	**EE2012 Analytical Methods in ECE** [Pre-Req: MA1511 + MA1512]	**Extended Core Technical Elective**	SPN / TE / Minor / **UE 3**
Cultures and Connections (GEC) / ES1103	**EE2026 Digital Design** [Pre-Requisite: CS1010E	**EE2022 Electrical Energy Systems** [Pre-Requisite: EE2111A]	**EE2023 Signals & Systems** [Pre-Requisite: MA1512]	**Technical Elective**	SPN / TE / Minor / **UE 4**
EE1111A Electrical Engineering Principles & Practice I	**EE2111A Electrical Engineering Principles & Practice II**	**EE2027 Electronics Circuits** [Pre-Requisite: EE2111A]	**PC2020 Electromagnetics for Electrical Engineers** [Pre-Req: MA1511 + MA1512]	**EG2401A (2units)** Engineering Professionalism [Pre-Requisite: ES2631]	SPN / TE / Minor / **UE 5** *for those done ES1103 in S1, do GEC if you have not fulfilled all 6 GE courses)*
		Communities and Engagement (GEN)			
20 units	**20 units**	**24 units**	**20 units**	**18 units**	**20 units**

NOTE:

1. MA1301 & PC1201 are taken as compulsory courses. Students not required to do MA1301 will take MA1511 & MA1512 in the first semester. **No extra exemptions will be given, students not required to do MA1301 must take another unrestricted elective (UE) to make up the 4units.**
2. English courses (dependent on QET results): ES1103 is to be read by students who are in band 2. Students who obtain Band 1 will have to take ES1000 followed by ES1103. ES1103 can be used to fulfil UE requirement. Refer to http://www.nus.edu.sg/registrar/academic-activities/registration/academic-related-matters/qet for more details.
3. **Poly Exemptions:** UE (20 units), Industrial Attachment (10 units), EG1311 Design and Make (4 units), DTK1234 Design Thinking (4 units). Total: 38units
4. **Common Curriculum (40 units): CDE common curriculum (denote by courses in grey) + NUS General Education (denote by courses in blue: CS1010E, ES2631, GEA1000, CDE2501 & GEC, GEN course)**
5. **Unrestricted Electives (UE, 40 units): denote by courses in orange (courses can be used to fulfil SPN(Specialization)/ Technical electives(TE)/ 2nd major/ Minor, etc).** Students need to plan in advance to fulfil the pre-req of the courses for their SPN/TE/2nd Major/minor.
6. **Major Requirements (80units): Engineering Core, denote by courses in purple (20units) & EE Core/Major, denote by courses in green (60units).**
7. Students may opt to do Special Term (ST) courses to reduce workload in regular sem. ST fees applies. Details at https://www.nus.edu.sg/registrar/academic-activities/special-term
8. The above is just a Recommended Schedule. Students should check that they fulfil their graduation requirement using the FFG Checklist and may adjust their study plan accordingly.

POSSIBLE SCHEDULE (3.5 YEARS) FOR STUDENTS WITH POLYTECHNIC DIPLOMA ADMITTED TO EE2 IN AY2026/27

Students who wish to take a slower pace may complete in 3.5 years

AY26/27, S1	AY26/27, S2	AY27/28, S1	AY27/28, S2	AY28/29, S1	AY28/29, S2	AY29/30, S1
Schedule I	**Schedule II**	**Schedule III**	**Schedule IV**	**Schedule V**	**Schedule VI**	**Schedule VII**
MA1301[1] **(UE 1)** *for those required to do, see Note 1* *OR* **MA1511** Engineering Calculus (2 units) + **MA1512** Differential Equations for Eng (2 units)	**MA1508E** Linear Algebra for Engineers	**MA1511** Engineering Calculus (2 units) + **MA1512** Differential Equations for Eng (2 units) (For those not done)	**Artificial Intelligence** (EE2211 Introduction to Machine Learning Pre-Req: CS1010E, MA1511, MA1508E]	**EE3033 Systems Integration and Design Lab** [Pre-Req: EE2023, EE2026, EE2027]	**EE4002D / EE4002R** Design / Research Capstone	**EE4002D / EE4002R** Design / Research Capstone
PC1201[1] **Fundamentals of Physics (UE 2)**	**Data Literacy** (GEA1000 Quantitative Reasoning)	**Critique & Expression** [ES2631 Critical Thinking & Writing Pre-Requisite: ES1103]	**Singapore Studies** (CDE2501 Liveable Cities)	**Extended Core Technical Elective**	**Technical Elective**	**Technical Elective**
Digital Literacy (CS1010E Programming Methodology)	**Project Management** (PF1101A Project Management and Finance)	**EE2028 Microcontroller Programming and Interfacing** [Pre-Requisite: EE2111A & CS1010E]	**EE2012 Analytical Methods in ECE** [Pre-Req: MA1511 + MA1512]	**PC2020 Electromagnetics for Electrical Engineers** [Pre-Req: MA1511 + MA1512]	SPN / TE / Minor / **UE4**	SPN / TE / Minor / **UE5** *for those done ES1103 in S1, do GEC if you have not fulfilled all 6 GE courses)*
Cultures and Connections (GEC) / ES1103	**EE2026 Digital Design** [Pre-Requisite: CS1010E	**EE2022 Electrical Energy Systems** [Pre-Requisite: EE2111A]	**EE2023 Signals & Systems** [Pre-Requisite: MA1512]	**EG2401A (2units)** Engineering Professionalism [Pre-Requisite: ES2631]	SPN / TE / Minor / **UE3**	
EE1111A Electrical Engineering Principles & Practice I	**EE2111A Electrical Engineering Principles & Practice II**	**EE2027 Electronics Circuits** [Pre-Requisite: EE2111A]		**Communities and Engagement (GEN)**		
20 units	**20 units**	**20 units**	**16 units**	**18 units**	**16 units**	**12 units**

NOTE:

1. MA1301 & PC1201 are taken as compulsory courses. Students not required to do MA1301 will take MA1511 & MA1512 in the first semester. **No extra exemptions will be given, students not required to do MA1301 must take another unrestricted elective (UE) to make up the 4units.**
2. English courses (dependent on QET results): ES1103 is to be read by students who are in band 2. Students who obtain Band 1 will have to take ES1000 followed by ES1103. ES1103 can be used to fulfil UE requirement. Refer to http://www.nus.edu.sg/registrar/academic-activities/registration/academic-related-matters/qet for more details.
3. **Poly Exemptions:** UE (20 units), Industrial Attachment (10 units), EG1311 Design and Make (4 units), DTK1234 Design Thinking (4 units). Total: 38units
4. **Common Curriculum (40 units): CDE common curriculum (denote by courses in grey) + NUS General Education (denote by courses in blue: CS1010E, ES2631, GEA1000, CDE2501 & GEC, GEN course)**
5. **Unrestricted Electives (UE, 40 units): denote by courses in orange (courses can be used to fulfil SPN(Specialization)/ Technical electives(TE)/ 2nd major/ Minor, etc).** Students need to plan in advance to fulfil the pre-req of the courses for their SPN/TE/2nd Major/minor.
6. **Major Requirements (80units): Engineering Core, denote by courses in purple (20units) & EE Core/Major, denote by courses in green (60units).**
7. Students may opt to do Special Term (ST) courses to reduce workload in regular sem. ST fees applies. Details at https://www.nus.edu.sg/registrar/academic-activities/special-term
8. The above is just a Recommended Schedule. Students should check that they fulfil their graduation requirement using the FFG Checklist and may adjust their study plan accordingly.