

RECOMMENDED STUDY SCHEDULE for CEG AY2025 INTAKE

CEG AY2025/26 Poly Intake

Sem 1	Sem 2	Sem 3	Sem 4	May – Jul	Sem 5	Sem 6
CG1111A EPP1	CG2111A EPP2	EE2026 Digital Design	CG2023 Signals & Systems	CP3200 Student Internship Programme OR EG3612 Vacation Industrial Attachment 6 Units (UE)	CG4002 CEG Capstone Project (8 Units) OR FYP (over two semesters) via CG4001 / CP4106 / EE4002R/D	CG3201 Machine Learning and Deep Learning
CS1010 Programming Methodology	CS2040C Data Structures & Algorithms	CS2113 Software Engrg & OOP	CG2271 RTOS		CG3207 Computer Architecture	CDE2501 Liveable Cities (SS pillar)
MA1301 Introductory Math (UE1)	CS1231 Discrete Structures	CS2107 Introduction to Information Security	CG2027 Transistor-level Digital Circuits (2 units)		GEN/C&E pillar Communities & Engagement	EE4204 Computer Networks
ES1103* OR PC1201 Fundamentals of Physics (UE2)	GEA1000 Data Literacy	ES2631 Critique and Communication of Thinking and Design	CG2028 Computer Organization (2 units)		PF1101A Project Management and Finance	UE5 (if took 8 units of Integrated Project) OR FYP via CG4001/CP4106/E E4002R/D
GEC1xxx Cultures and Connections	MA1508E Linear Algebra for Engrg	MA1511 Engrg Calculus (2 Units)	EE2211 Introduction to Machine Learning		UE4 e.g. ST2334	
		MA1512 Diff Eqn for Engrg (2 Units)	UE3 or PC1201 (if not exe from ES1103)		EG2401A Engrg Profsm (2 Units)	
20 Units	20 Units	20 Units	20 Units	6 or 0 Units	22 Units	14 or 20 Units
TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 160 Units [#]						

[#] including Advanced Placement Credits (APCs) for DTK1234, EG1311, IA (10 Units) and UE (20 Units)

Important:

- Poly students are required to take MA1301 (if not exempted) as bridging Math and PC1201 as bridging Physics.
- Poly students who are exempted from MA1301, will take MA1511 and MA1512 in place, AND will need to take additional UE (to make up the 4 Units shortfall).
- Students are encouraged to use the Unrestricted Elective Courses (UE) to read CEG Technical Elective (TE) / Specialisation (SPN) / Minor. You will need to plan in advance, in order to fulfil the pre-requisite(s) of the courses required for your intended TE / SPN / Minor.

-* If not exempted.