RECOMMENDED STUDY SCHEDULE for CEG AY2021 INTAKE

CEG AY2021/22 Direct Intake (with 6-months Industrial Attachment in Year 3)

Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8
CG1111A EPP1	CG2111A EPP2	CS1231 Discrete Structures	CG2023 Signals & Systems	CP3880 ATAP (12 MCs) OR EG3611A IA (10 MCs)	CG2027 (2 MCs) and CG2028 (2 MCs)	CG4002 CEG Capstone Project (8 MCs)	UEM6
CS1010 Programming Methodology	DTK1234 Design Thinking	CS2040C Data Structures & Algorithms	CS2113 Software Engrg & OOP		CG2271 RTOS		UEM7
EG1311 Design and Make	MA1508E Linear Algebra for Engrg	GEH1xxx Cultures and Connections	EE2026 Digital Design		ESxxxx Creating Narratives	EE4204 Computer Networks	UEM8
MA1511 Engrg Calculus (2 MCs)	PF1101 Fundamentals of Project Mgmt	IE2141 Systems Thinking	EE2211 Introduction to Machine Learning	EG2401A Engrg Profsm (2 MCs)^	GES1xxx Singapore Studies	GEM Communities & Engagement	UEM9
MA1512 Diff Eqn for Engrg (2 MCs)	ST2334 Probability & Statistics	ES2531 Critical Thinking & Writing	EG2501 Liveable Cities	UEM2^	UEM4	UEM5	UEM10
ES1103* OR UEM1				UEM3^ (2 MCs, if took ATAP)			
20 MCs	**20 MCs**	**20 MCs**	**20 MCs**	**20 MCs**	**20 MCs**	**20 MCs**	**20 MCs**
TOTAL (MINIMUM) GRADUATION REQUIREMENTS = 160 MCs							

^Students on Industrial Attachment (IA) are allowed to take (up to) 20 MCs workload, including modules that are offered in the evenings (subject to approvals and availability). Depending on the preferred semester for IA, the modules for sem 5 & 6 may be mutually swapped. Students who prefer not to/are unable to take evening module(s) during IA, should take module(s) in the Special Terms (so as not to delay graduation).

Important:

- The three General Elective Modules (GEM) and ten Unrestricted Elective Modules (UEM) can be taken in any semester; the above serves as a guide

- Students are encouraged to use the UEMs, totalling 40 MCs, to fulfil Specialisation (SPN) / Technical Elective (TE) / 2nd Major / Minor, etc. You will need to plan in advance, in order to fulfil the pre-requisite(s) of the modules required for your intended SPN / TE / 2nd Major / Minor.

* If not exempted.