

POSSIBLE SCHEDULE FOR CEG AY2014 INTAKE STUDENTS

Possible Schedule for CEG AY2014/15 **Common Engrg** Intake (with 6 months IA)

Sem 1, AY14/15	Sem 2	Sem 3, AY15/16	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8
MA1505 Math I	CS1010E Programming Methodology (map to CS1010)	CG1001 Intro to Comp Engrg (2 MCs)	CG2023 Signals & Systems	CG3002 Embedded Systems Design Proj	CP3880 ATAP or EG3601 IAP (12 MCs)	CG4001 B.Eng. Dissertation (6 MCs)	CG4001 B.Eng. Dissertation (6 MCs)
PC1431 (ULR 1)	EG1108 Electrical Engrg (map to CG1108)*	CS1020 Data Structures & Algorithms I	CG2271 Real-Time Operating Syst	CG3207 Computer Architecture		HR2002 Human Capital in Org. (3 MCs)	Depth Elective
MLE1101 (UEM 1)	GEK1549 Critical Thinking & Writing	CS1231 Discrete Structures	CS2101 Effective Comm for Computing Professionals	EE3204 Computer Comms Networks I		Breadth Elective	Depth Elective
EG1109 (UEM 2)	MA1506 Math II	EE2020 Digital Fundamentals (5 MCs)	CS2103T Software Engrg	EG2401 Engrg Profsm.	EE3031 Inno & Enterprise I	GEM Grp B	UEM 4
ES1102^	PC1432 Physics IIE	EE2021 Devices & Circuits	EE2024 Prog for Computer Interfaces (5 MCs)	ST2334 Probability & Statistics	UEM 3**	ULR Breadth	UEM 5 (2 MCs)*
		SS					
16 MCs	19 MCs	23 MCs	21 MCs	21 MCs	20 MCs	21 MCs	20 MCs
TOTAL (MINIMUM) GRADUATION REQUIREMENTS - 160 MCs							

*EG1108 = 3 MCs but CG1108 = 4 MCs; may top-up with UEMs (i.e. required to take at least 17 MCs UEMs) OR take 5MCs module (e.g. CS3216/7)

**Students on Industrial Attachment (IA) are allowed to take up to two modules that are offered in the evenings (subject to approvals and availability).

Important:

- Students are strongly encouraged to take at least one business/management module to satisfy ULR Breadth/UEM.
- The minimum 12 MCs of electives satisfying the CEG **Breadth / Depth** requirements can be taken at any semester upon satisfying the pre-requisites.
- The University Level Requirements (GEMs/SS/Breadths) and Unrestricted Elective Module Requirements (UEM) can be taken in any semester, the above only serves as a guide.

^ If not exempted