

Civil Engineering

AY2022 cohort

Accurate as of June 2022

E-Scholars 3-years schedule (CVE)			
Semester 0 (APT)			
EG1311 Design and Make			4
MA1505 Mathematics I (4 MC but it is mapped to MA1511 which is 2 MC)			4
CS1010E Programming Methodology			4
Sub-total			12
Semester 1		Semester 2	
GER1000 Quantitative Reasoning	4	CE2155 Principles of Structural Mechanics and Materials	4
DTK1234 Design Thinking	4	CE3115 Stability of Slopes and Earth Retention Systems	4
MA1513 Linear Algebra with Differential Equations	2	CE2407B Introduction to Numerical Methods for Engineers	2
CE1103 Principles of Structural and Geotechnical Engineering	4	EG2101 Pathways to engineering Leadership	2
PF1101 Fundamentals of Project Management	4	UTCP #2	4
CE2407A Engineering Uncertainty Analysis	2	UE	4
UTCP #1	4	UE (or IE2141 if not staying at RC4)	4
Sub-total	24	Sub-total	24
Semester 3		Semester 4	
EG2501 Liveable Cities	4	NUS Overseas College (NOC) experience (20 MC)*	20
CE2134 Fluid Mechanics	4		
CE3121 Urban transportation engineering	4		
CE3165 Concrete Design for Urban Infrastructure	4		
CE3155A Structural Behaviour	2		
CE3155B Structural Modelling	2		
EE2211 Introduction to Machine Learning	4		
UTCP #3	4		
Sub-total	28	Sub-total	20
Semester 5		Semester 6	
CE4103R Design Project OR CE4104 B.Eng.Dissertation	8	CE3116 Foundation Systems for Urban Infrastructure	4
UTCP #4	4	CE3132 Hydrology and Free Surface Flows	4
CDE2000 Creating Narratives	4	CE3166 Steel Design for Urban Infrastructure	4
UE	4	UE	4
UE	4	UE	4
UE	4	UE	4
Sub-total	28	Sub-total	24
			Grand total 160

Notes:

- If APT modules are not cleared, those modules must be cleared during the normal semesters
- Important rules for NOC:
 - You MUST be on campus the semester BEFORE going to NOC.
 - You MUST have cleared at least 70 MC before applying to NOC
- *If not embarking on NOC, alternate module combinations to fulfil Industrial Attachment requirement (10MCs) include:
 - EG3611A Industrial Attachment (10 MCs)
 - EG3612 Vacation Industrial Attachment (6MCs) + EG2605 Undergraduate Research Opportunity (4MCs)
 - EG3612 Vacation Industrial Attachment (6MCs) + CFG2101 NUS Vacation Internship Programme (4MCs)

Note that option (a) can be done in any regular semester as long as you are at seniority 3.

Note that UROP (EG2605) may be taken in any regular semester or special term as long as you are at seniority 2.
- If you wish to read Common Curriculum modules before your recommended semester, please submit an appeal or select the modules for
 - Modules that may be selected from Round 2: PF1101, ES2631 (if not doing UTCP)
 - Modules that require appeal: DTK1234, GEA1000, EG1311, EG2501, CDE2000, EE2211, IE2141 (if not staying in RC4)