

Civil Engineering

AY2026 cohort (Jul 2026)

E-Scholars 3-years schedule (CVE)				Summer	Unit
Maths requirement (8u).		Internship requirement (10u).		EG1311 Design and Make	4
If passed MA1505 APT ->		EG3611A Industrial Attachment		MA1505 Mathematics I	4
MA1505 + CE2407A + CE2407B + MA1513		EG3612/ETP3205 + CDE2605		CS1010E Programming	4
Else MA1511+CE2407A+CE2407B+MA1513		EG3612/ETP3205 + CDE2605R			
		EG3612/ETP3205 + CFG2101			
		1 sem NOC (~20u)			12
Semester 1	Units	Semester 2	Units	Summer	Unit
GEA1000 Quantitative Reasoning	4	CE2407B Introduction to Numerical Methods for Engineers	2	CFG2101 NUS Vacation	4
DTK1234 Design Thinking	4	CE2155 Principles of Structural Mechanics and Materials	4	Internship Programme	
MA1513 Linear Algebra with Differential Equations	2	Sustainable/ Environmental Elective	4		
PF1101A Fundamentals of Project Management and Finance	4	UTCP #2	4		
CE1109 Structural Engineering Principles	4	UE	4		
CE2407A Engineering Uncertainty Analysis	2	UE	4		
UTCP #1	4	UE	4		
UE*	2				
Sub-total	26	Sub-total	26	Sub-total	4
Semester 3	Units	Semester 4	Units	Summer	Unit
CE2112 Soil Mechanics	4	CE3115 Stability of Slopes and Earth Retention Systems	4	EG3612 Vacation Industrial	6
CE2134 Fluid Mechanics	4	CE3166 Steel Design for Urban Infrastructure	4	Attachment	
CE3155A Structural Behaviour + CE3155B Structural Modelling	4	CE3132 Hydrology and Free Surface Flows	4		
CE3121 Urban transportation engineering	4	CE3116 Foundation Systems for Urban Infrastructure	4		
EE2211 Introduction to Machine Learning <u>or</u>	4	EG2401A Engineering Professionalism	2		
EE2213 Introduction to Artificial Intelligence		UTCP #4	4		
UTCP #3	4	UE	4		
UE	4				
Sub-total	28	Sub-total	26	Sub-total	6
Semester 5	Units	Semester 6	Units		
CE4104 B.Eng.Dissertation	4	CE4104 B.Eng.Dissertation	4		
CE4103 Design Project	4	UE	4		
CE3165 Concrete Design for Urban Infrastructure	4	UE	4		
UE	4	UE	4		
Sub-total	16	Sub-total	16		
			Grand total	160	

Notes:

- If APT courses are not cleared, those courses (EG1311, MA1511, MA1505, CS1010E) must be cleared during the normal semesters
- Special internship course enrollment arrangement for E-Scholars - EG3612 and EG3611A can be enrolled as long as you have cleared 60 units.
- Important rules for NOC:
 - You MUST be in Singapore for Visa processing the semester BEFORE going to NOC.
 - You MUST have cleared at least 70 units before applying to NOC
- Note that UROP (CDE2605) 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 courses before your department's recommended semester, please submit an appeal or select the courses from Round 2.
 - courses that require appeal: DTK1234, GEA1000, please email:
 DTK1234 - dtk1234@nus.edu.sg
 GEA1000 - qadmin@nus.edu.sg