

POSTGRADUATE COURSES - SEMESTER 2, AY2025/2026 (DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING)

Default mode of teaching: Face-to-Face. Await updates in Canvas system for respective Lecturer/s' instructions.

Timetable is updated **02 Jan 2026**. Please revisit this page or refer to the latest class schedule on NUSMods at the start of Semester 2, AY2025/2026.

Sem 2 (4 units courses) = 12 Jan 26 – 09 May 26

Sem 2A = 12 Jan 26 – 07 Mar 26

Sem 2B = 09 Mar 26 – 09 May 26

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Highlighted courses: Those not enrolled in the Postgraduate programmes offered by CEE Dept, please email to evetay@nus.edu.sg (for Postgraduate students of other Departments') or ceelccc@nus.edu.sg (for CEE Dept's BEng students).

Course Code	Course Title	Pre-requisites	Preclusion	Semester	Lecturer	Venue	Duration	Day	Start Time	Note
CE5106QA	Ground Improvement - Hydraulic, Vibratory & Chemical	Background in soil mechanics or equivalent	CE5106 & CE5106A	SEM 2A	CHEW SOON HOE	LT1	03:00	Wed	18:00	
CE5106QB	Ground Improvement - Dynamic, Geosynthetic & Inclusions	CE5106QA, or CE5106A (Grad Cert students)	CE5106, or CE5106B (Grad Cert students)	SEM 2B	CHEW SOON HOE	LT1	03:00	Wed	18:00	
CE5107QA	Pile Foundation Design	Background in soil mechanics and foundation engineering or equivalent	CE5107, or CE5107A (Grad Cert students)	SEM 2A	CHIAN SIAU CHEN	SDE3-LT422	03:00	Mon	18:00	
CE5107QB	Advanced Topics in Pile Foundation Design	CE5107QA, or CE5107A (Grad Cert students)	CE5107, or CE5107B (Grad Cert students)	SEM 2B	LIM KEN CHAI, ANAND SARMA	SDE3-LT422	03:00	Mon	18:00	
CE5112	Structural Support Systems for Excavation	CE5108, or CE5108QA & CE5108QB	-	SEM 2	QIAN XUDONG, LIM KEN CHAI	ENG-AUD	03:00	Fri	18:00	
CE5203	Traffic Flow and Control	-	-	SEM 2	YANG KAIDI	LT7A	03:00	Thu	18:00	
CE5208	Transport Infrastructure Asset Management	-	-	SEM 2	ONG GHIM PING, RAYMOND	SDE3-LT421	03:00	Wed	18:00	
CE5212	Intermodal Transportation Operations	-	-	SEM 2	MENG QIANG	ENG-AUD	3:00	Mon	18:00	
CE5214QA	Energy Demand Analysis for the Built Environment	-	-	SEM 2A	PRATEEK BANSAL	SDE3-LT423	03:00	Fri	18:00	
CE5214QB	Mobility, Climate Change, and Energy Markets	-	-	SEM 2B	PRATEEK BANSAL	SDE3-LT423	03:00	Fri	18:00	
CE5308QA	Coastal Processes and Protection	-	-	SEM 2A	JIA RUI, GARY LEI	EA-06-03	03:00	Fri	18:00	
CE5308QB	Sediment Transport and Coastal Protection	-	-	SEM 2B	LI YUZHU, PEARL	EA-06-03	03:00	Fri	18:00	
CE5310	Hydroinformatics	-	-	SEM 2	VLADAN BABOVIC	E3-06-07	03:00	Thu	18:00	
CE5317QA	Eco-hydrology	-	-	SEM 2A	SIMONE FATICHI	EA-06-02	03:00	Tue	18:00	
CE5317QB	Nature Based Solutions for Coastal Protection	-	-	SEM 2B	JIA RUI, GARY LEI, SIMONE FATICHI	EA-06-02	03:00	Tue	18:00	
CE5513	Plastic Analysis of Structures	-	-	SEM 2	QIAN XUDONG, CUI YUE	EA-06-02	03:00	Wed	18:00	
CE5515	Structural Health Monitoring	-	-	SEM 2	KUANG SZE CHIANG KEVIN	EA-02-11	3:00	Fri	18:00	
CE5516QA	Structural Stability Concepts & Applications	Background in structural matrix analysis	CE5516 / CE4258 / TCE4258 / CE5516A	SEM 2A	CUI YUE	E3-06-09	03:00	Thu	18:00	
CE5516QB	Structural Dynamics Concepts & Applications	Background in structural matrix analysis	CE5516 / CE4258 / TCE4258 / CE5516B	SEM 2B	QUEK SER TONG	E3-06-09	03:00	Thu	18:00	
CE5604	Advanced Concrete Technology	-	TCE5604	SEM 2	DU HONGJIAN	SDE3-LT422	03:00	Tue	18:00	
CE5611QA	Advanced Prestressed Concrete Design	-	CE5611 & CE5611A	SEM 2A	KONG KIAN HAU	SDE3-LT426	03:00	Mon	18:00	
CE5611QB	Precast Structural Concrete Design	Background in Structural Concrete Design	CE5611 & CE5611B	SEM 2B	KONG KIAN HAU	SDE3-LT426	03:00	Mon	18:00	
CE5721QA	Coastal Waves and Wind	-	CE5307 / CE5721A / OT5201 (for earlier cohorts)	SEM 2A	LOW YING MIN	EA-06-05	03:00	Mon	18:00	
CE5721QB	Coastal Environmental Loads	-	CE5307 / CE5721B / OT5201 (for earlier cohorts)	SEM 2B	PAUL ONG PANG AWN	EA-06-05	03:00	Mon	18:00	
CE5805QA	Construction Productivity Analytics	-	CE5805 & CE5805A	SEM 2A	CHUA KIM HUAT, DAVID	SDE3-LT421	03:00	Mon	18:00	
CE5805QB	Design for Manufacture and Assembly	-	CE5805 & CE5805B	SEM 2B	CHUA KIM HUAT, DAVID	SDE3-LT421	03:00	Mon	18:00	
CE5806QA	Advanced Construction Planning & Control	-	CE5806 & CE5806A	SEM 2A	AMIT GARG	LT6	03:00	Tue	18:00	
CE5806QB	Lean Construction	-	CE5806 & CE5806B	SEM 2B	YEOH KER-WEI	LT6	03:00	Tue	18:00	
CE5809	Management and Economics of International Construction	-	-	SEM 2	CHAN WENG TAT, PAUL ONG PANG AWN	LT7	03:00	Thu	18:00	
CE6102	Geotechnical Analysis	-	-	SEM 2	GOH SIANG HUAT	E2-0307PC4 / E3-06-07	03:00	Tue	18:00	
CE6601	Characterization of Sustainable Building Materials	-	-	SEM 2	GENG GUOQING	SDE3-LT421	03:00	Fri	18:00	

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Course Code		Course Title	Pre-requisites	Preclusion	Semester	Lecturer	Venue	Duration	Day	Start Time	Note
ESE5001		Environmental Engineering Principles	-	ESE5001AB / ESE5901 / ESE5901A & ESE5901B / NUS BEng in Env Eng.	SEM 2	LEFEBVRE OLIVIER PATRICK, BALASUBRAMANIAN, RAJASEKHAR, HU JIANGYONG, HE JIANZHONG, CHEN JIAPING, GIN YEW-HOONG, KARINA	E1-06-03	03:00	Mon	18:00	NUS BEng EVE graduates are exempted
ESE5203		Aerosol Science and Technology	-	-	SEM 2	YU LIYA	LT6	03:00	Fri	18:00	Make-up lectures on Sat 09:30 to 12:30
ESE5205		Sludge and Solid Waste Management	-	-	SEM 2	IRIS YU	SDE3-LT422	03:00	Wed	18:00	
ESE5407		Membrane Technology for Water Management	-	-	SEM 2	TANG CHUYANG	E5-03-20	3:00	Mon	18:00	
ESE5880B		Topics in Env. Eng. - Sustainability in Practice	-	-	SEM 2	LEE TUCK WAI, MATTHIAS ONG	SDE3-LT426	03:00	Thu	18:00	
ESE5880C		Topics in Env. Eng. - Environ Sys Planning & Analysis	-	-	SEM 2	ONG SAY LEONG	LT2	03:00	Tue	18:00	

The following CAPSTONE courses will be offered in Semester-2 for students of MSc Civil Engineering (Aug 2022 cohorts onwards).

Day and venue will be confirmed at a later date.

Capstone is a project course. Class meetings will be conducted for the purpose of briefings, instructions, and other activities which will be determined by Capstone Course Coordinator/s.

Course Code		Course Title	Pre-requisites	Capstone Course Coordinator	Tentative Day	Venue / Start Time	Note
CE5002A (4 Units)		Capstone for Structural Engineering	All: CE5509QA, CE5509QB, CE5510QA, CE5510QB	Dr Kong Kian Hau	Thursday	SDE3-LT423 / 18:00 Note: Advisable to confirm with lecturer on the details.	Students who have completed the following courses during Grad Cert candidature may register: CE5509A, CE5509B, CE5510A, CE5510B.
CE5002B (4 Units)		Capstone for Geotechnical Engineering	All: CE5108QA, CE5108QB, CE5113QA, CE5113QB	A/Prof Goh Siang Huat	Thursday	E1-06-09 / 18:00 Note: Advisable to confirm with lecturer on the details.	Students who have completed the following courses during Grad Cert candidature may register: CE5108A, CE5108B, CE5113A, CE5113B.
CE5002D (4 Units)		Capstone for Transportation Engineering	At least 2 courses: CE4221, CE5203, CE5205, CE5209, CE5210.	Dr Xie Litian	Tuesday	E4-04-03 / 18:00 Note: Advisable to confirm with lecturer on the details.	-
CE5002E (4 Units)		Capstone for Infrastr Digitalization & Mgt	All: CE5807QA, CE5808QA, CE5808QB CE5805QB, CE5806QA (co-requisites)	Prof David Chua & Dr Paul Ong	Wednesday	SDE3-LT426 / 18:00 Note: Advisable to confirm with lecturer on the details.	Students who will be taking CE5805QB and CE5806QA in Sem-2 (beginning Jan 2026) may register. Students who have completed the following courses during Grad Cert candidature may register: CE5807A, CE5808A, CE5808B.

The following project course is available for registration.

Please approach **an academic staff from the CEE Dept** whose project you are keen to work on before you register for the course.

Ms Sally Ng (for MSc Environmental Eng) or Ms Sangeetha (for MSc Civil Eng) will share more information in January 2026.

Course Code		Course Title	Pre-requisites	Project Course Coordinator	Day	Start Time	Note
ESE5004 (8 Units)		Research Project	MSc Environmental Engineering	Prof He Jianzhong	Independent Study		Spans over two semesters. A project proposal form is required.
CE5001 (8 Units)		Research Project	MSc Civil Engineering	Dr Du Hongjian	Independent Study		Spans over two semesters. A project proposal form is required.

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Useful Links

CourseReg Website
GD CourseReg Schedule
GD Appeal Schedule
CourseReg Student User Guide
Academic Calendar AY2025/2026

Drop Penalty Period

	W' grade takes effect from	'F' grade takes effect from
Semester 2	0000hrs, 26 Jan 26 to 2359hrs, 1 Mar 26	0000hrs, 2 Mar 26
Mini Sem 2A	0000hrs, 26 Jan 26 to 2359hrs, 1 Feb 26	0000hrs, 2 Feb 26
Mini Sem 2B	0000hrs, 23 Mar 26 to 2359hrs, 29 Mar 26	0000hrs, 30 Mar 26

Note: The function to drop courses via CourseReg@EduRec is disabled during the 'F' grade effective period. To assist in dropping of the course, please contact the following while using your NUS email account, quoting your full name and Student ID/Number:

- For Undergraduates, Graduates, Continuing & Professional Education Students – contact home faculty
- For Non-graduating Students – please submit your enquiries via the [FAQ portal](#) (under Ask A Question).

Semester 2, AY2025/2026 Academic Calendar

				SEMESTER 2			
Regular Semester		Mini Semester		Week	Dates		
Regular Semester: 17 weeks	Instructional Period (6 weeks)	Mini Sem 2A: 8 weeks	Instructional Period (6 weeks)	1	Mon, 12 Jan 2026	~	Fri, 16 Jan 2026
				2	Mon, 19 Jan 2026	~	Fri, 23 Jan 2026
				3	Mon, 26 Jan 2026	~	Fri, 30 Jan 2026
				4	Mon, 2 Feb 2026	~	Fri, 6 Feb 2026
				5	Mon, 9 Feb 2026	~	Fri, 13 Feb 2026
				6	Mon, 16 Feb 2026	~	Fri, 20 Feb 2026
	Recess		Reading Examination	7	Sat, 21 Feb 2026	~	Sun, 1 Mar 2026
	Instructional Period (7 weeks)	Mini Sem 2B: 9 weeks	Instructional Period (6 weeks)	8	Mon, 2 Mar 2026	~	Sat, 7 Mar 2026
				9	Mon, 9 Mar 2026	~	Fri, 13 Mar 2026
				10	Mon, 16 Mar 2026	~	Fri, 20 Mar 2026
				11	Mon, 23 Mar 2026	~	Fri, 27 Mar 2026
				12	Mon, 30 Mar 2026	~	Fri, 3 Apr 2026
				13	Mon, 6 Apr 2026	~	Fri, 10 Apr 2026
	Reading Examination		Reading Examination	13	Mon, 13 Apr 2026	~	Fri, 17 Apr 2026
	Reading		Reading		Sat, 18 Apr 2026	~	Fri, 24 Apr 2026
	Examination		Examination (2 weeks)		Sat, 25 Apr 2026	~	Sat, 9 May 2026
	Vacation: 12 weeks				Sun, 10 May 2026	~	Sun, 2 Aug 2026