

POSTGRADUATE MODULES - SEMESTER 2 AY2021/2022

DEPARTMENT OF CIVIL & ENVIRONMENTAL ENGINEERING

Note: modules on e-Learning may change to Face-to-Face at any time, following directives of NUS and Singapore Government on safe distancing.

All students are advised to be prepared for updated mode of delivery. Pay attention to information in LumiNUS by respective lecturers.

Timetable is updated 27 Dec 2021.

Note: Level-6000 are PhD Modules

Schedule subject to change. Please consult EduRec at module registration

Module Code	Module Title	Pre-requisites for Graduate Students (Please consult your program requirements)	Preclusion	Lecturer	Day	Start Time
CE4221	DESIGN OF LAND TRANSPORT INFRASTRUCTURES	Nil	TCE4221	ONG GHIM PING, RAYMOND	Thu	18:00
CE5516	STRUCTURAL STABILITY DYNAMICS	Nil	TCE4258, CE4258	QUEK SER TONG	Wed	18:00
CE5106	GROUND IMPROVEMENT	Nil	TCE5106	CHEW SOON HOE	Wed	18:00
CE5107	PILE FOUNDATIONS	Background in Soil Mechanics and Foundation Engineering	TCE5107	KU TAESEO, CHOW YEAN KHOW	Thu	18:00
CE5111	UNDERGROUND CONSTRUCTION DESIGN PROJECT	MSc Geotechnical Eng	Nil	INDEPENDENT STUDY		
CE5112	STRUCTURAL SUPPORT SYSTEMS FOR EXCAVATION	CE5108, 1st priority to MSc (Geo Eng), and 2nd priority to MSc (Civil Eng) specializing in Geo Eng	Nil	TAN SEE CHEE, QIAN XUDONG	Fri	18:00
CE5205	TRANSPORTATION PLANNING	Nil	Nil	MENG QIANG	Wed	18:00
CE5206	URBAN PUBLIC TRANSPORTATION SYSTEMS	Nil	Nil	MENG QIANG	Mon	18:00
CE5308	COASTAL PROCESSES AND SEDIMENT TRANSPORT	Nil	Nil	GARY LEI, PEARL LI	Fri	18:00
CE5310	HYDROINFORMATICS	Nil	Nil	VLADAN BABOVIC	Thu	18:00
CE5315	CLIMATE SCIENCE FOR ENGINEERS	Nil	Nil	SIMONE FATICHI	Tue	18:00
CE5513	PLASTIC ANALYSIS OF STRUCTURES	Nil	CE5885A	QIAN XUDONG	Wed	18:00
CE5604	ADVANCED CONCRETE TECHNOLOGY	Nil	TCE5604	KONG KIAN HAU, DU HONGJIAN	Tue	18:00
CE5611	PRECAST CONCRETE TECHNOLOGY		CE5610 (prior to Sem-2 AY2008/09), and TCE5611	KONG KIAN HAU	Mon	18:00
CE5805	DFMA PRODUCTIVITY ANALYTICS IN	Nil	TCE5805	YEOH KER-WEI	Mon	18:00
CE5808	DIGITAL DESIGN AND CONSTRUCTION (BIM AND	Nil	CE4282	YEOH KER-WEI	Tue	18:00
CE5809 <new>	MANAGEMENT AND ECONOMICS OF INTERNATIONAL CONSTRUCTION	Nil	CE5804 and CE5603	CHAN WENG TAT, PAUL ONG	Thu	18:00
CE5881	TOPICS IN GEOTECHNICAL ENGINEERING: SOIL	Nil	Nil	ANAND SARMA	Mon	18:00
CE6006	ADVANCED FINITE ELEMENT ANALYSIS	Nil	Nil	POH LEONG HIEN,	Thu	18:00
CE6102	GEOTECHNICAL ANALYSIS	CE6101	Nil	GOH SIANG HUAT	Tue	18:00
CE6601 <new>	CHARACTERIZATION OF SUSTAINABLE BUILDING MATERIALS	Nil	Nil	GENG GUOQING	Fri	18:00
ESE4406	ENERGY SYSTEMS AND CLIMATE CHANGE MITIGATION	Nil	CN4248	BALASUBRAMANIAN, RAJASEKHAR	Tue	18:00
ESE5001	ENVIRONMENTAL ENGINEERING PRINCIPLES	Nil	ESE5901, ESE5901A, ESE5901B	LEFEBVRE OLIVIER PATRICK, BALASUBRAMANIAN, RAJASEKHAR, HU JIANGYONG, HE JIANZHONG	Mon	18:00
ESE5203	AEROSOL SCIENCE AND TECHNOLOGY	Nil	Nil	YU LIYA	Mon	18:00
ESE5401	WATER QUALITY MANAGEMENT	Nil	Nil	GIN YEW-HOONG, KARINA	Tue	18:00
ESE5405	WATER TREATMENT PROCESSES	Nil	Nil	HU JIANGYONG	Fri	18:00
ESE5880C	TOPICS IN ENV. ENG. - ENVIRON SYS PLANNING	Nil	Nil	ONG SAY LEONG	Wed	18:00
ESE5003 (Masters students)	ENVIRONMENTAL CHEMICAL PROCESSES ANALYSIS	Nil	ESE6003	CHEN JIAPING	Thu	18:00
ESE6003 (PhD students)	ADVANCED ENVIRONMENTAL CHEMICAL PROCESS ANALYSIS	Nil	ESE5003	CHEN JIAPING	Thu	18:00
OT5203	ANALYSIS & DESIGN OF FLOATING OFFSHORE	Nil	Nil	SI BOON ING MICHAEL, LOW YING MIN	Wed	18:00
OT5204	OFFSHORE PIPELINES, RISERS AND MOORINGS	Nil	CE5711, CE5712 and OT5205	LOW YING MIN, PAUL ONG	Fri	18:00
OT5206	OFFSHORE FOUNDATIONS	Nil	TCE5206	LEUNG CHUN FAI, CHOW YEAN KHOW, OKKY PURWANA	Tue	18:00

was CE4258 in prev. AY

[ModReg Timeline](#)

[Module Registration](#)

SEMESTER 2				
Regular Semester	Mini Semester	Week	Dates	
Regular Semester: 17 weeks	Instructional Period (6 weeks)	1	Mon, 10 Jan 2022 ~ Fri, 14 Jan 2022	
		2	Mon, 17 Jan 2022 ~ Fri, 21 Jan 2022	
		3	Mon, 24 Jan 2022 ~ Fri, 28 Jan 2022	
		4	Mon, 31 Jan 2022 ~ Fri, 4 Feb 2022	
		5	Mon, 7 Feb 2022 ~ Fri, 11 Feb 2022	
		6	Mon, 14 Feb 2022 ~ Fri, 18 Feb 2022	
	Recess	Mini Sem 2A: 8 weeks		Sat, 19 Feb 2022 ~ Sun, 27 Feb 2022
		Reading Examination	7	Mon, 28 Feb 2022 ~ Sat, 5 Mar 2022
	Instructional Period (7 weeks)	Mini Sem 2B: 9 weeks	8	Mon, 7 Mar 2022 ~ Fri, 11 Mar 2022
			9	Mon, 14 Mar 2022 ~ Fri, 18 Mar 2022
			10	Mon, 21 Mar 2022 ~ Fri, 25 Mar 2022
			11	Mon, 28 Mar 2022 ~ Fri, 1 Apr 2022
			12	Mon, 4 Apr 2022 ~ Fri, 8 Apr 2022
13			Mon, 11 Apr 2022 ~ Fri, 15 Apr 2022	
Reading Examination			14	Sat, 16 Apr 2022 ~ Fri, 22 Apr 2022
	Examination (2 weeks)	15	Sat, 23 Apr 2022 ~ Sat, 7 May 2022	

Drop Penalty Period

	W' grade takes effect from	'F' grade takes effect from
Semester 2	0000hrs, 24 Jan 22 to 2359hrs, 27 Feb 22	0000hrs, 28 Feb 22
Mini Sem 2A	0000hrs, 24 Jan 22 to 2359hrs, 30 Jan 22	0000hrs, 31 Jan 22
Mini Sem 2B	0000hrs, 21 Mar 22 to 2359hrs, 27 Mar 22	0000hrs, 28 Mar 22

Note: The function to drop modules via ModReg@EduRec is disabled during the 'F' grade effective period. To assist in dropping of the module, 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 – write to nghelp@nus.edu.sg

Mini Sem 2A and Sem 2B refer to MSc modules with only 2 modular credits (MCs).