

Introduction to Tongji-NUS 311 program 29 Aug 2024



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Contents

- Introduction to NUS CEE Department
- Overview of 311 program
- Program requirements
- Fees and expenses
- Timeline
- NUS MSc(CE) Program

Overview of NUS Civil & Environmental Engineering (CEE)

- **Number of faculty members** 学院教师情况总览
 - 16 full professors, 13 associate professors, 8 assistant professors, 6 lecturers/senior lecturers and 4 practice-track professors/associate professors.

	QS Ranking	Times Higher Education Ranking
Subject	Civil and Structural Engineering	Engineering and Technology
2023	4	8
2022	3	10
2021	2	12





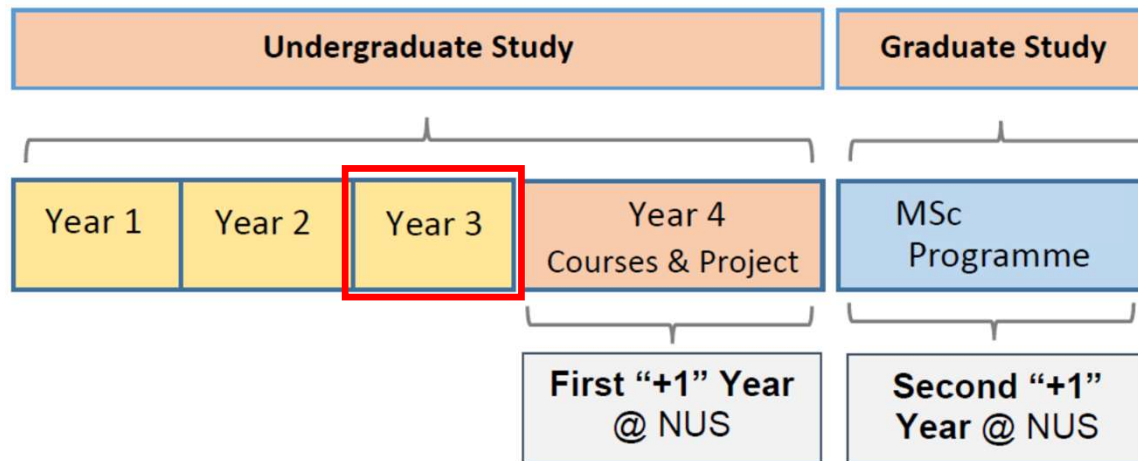
3+1+1 Program

Overseas experience in a familiar environment

- Exposure to a different study environment
- Work with quality professors in a top university
- Network with future international colleagues
- Get an NUS MSc (coursework) degree



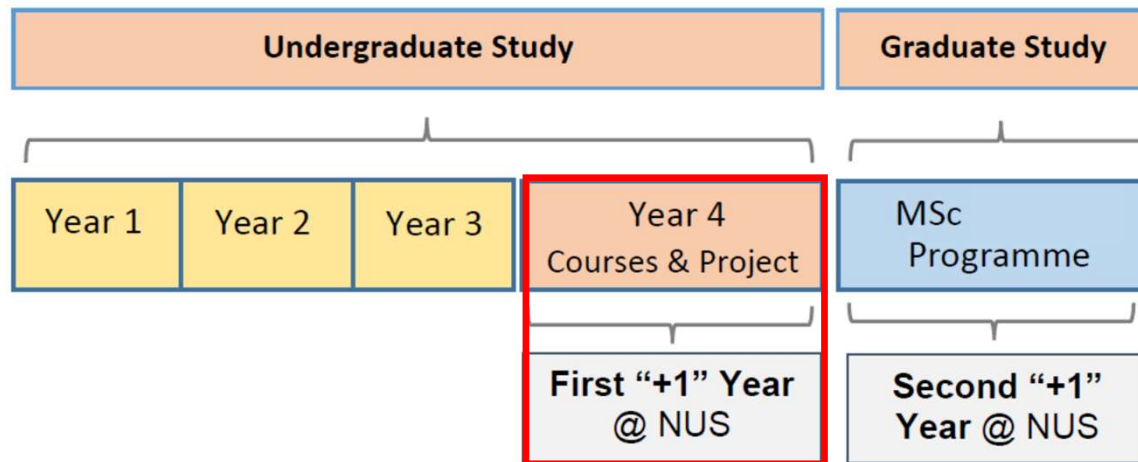
NUS 3+1+1 Program



Year 3 candidates from Partner University 合作院校第三年本科生

- Good academic standing 良好的学术背景
- Meet NUS English requirement (IELTS \geq 6.0 or TOEFL \geq 85) 达到NUS录取英语要求

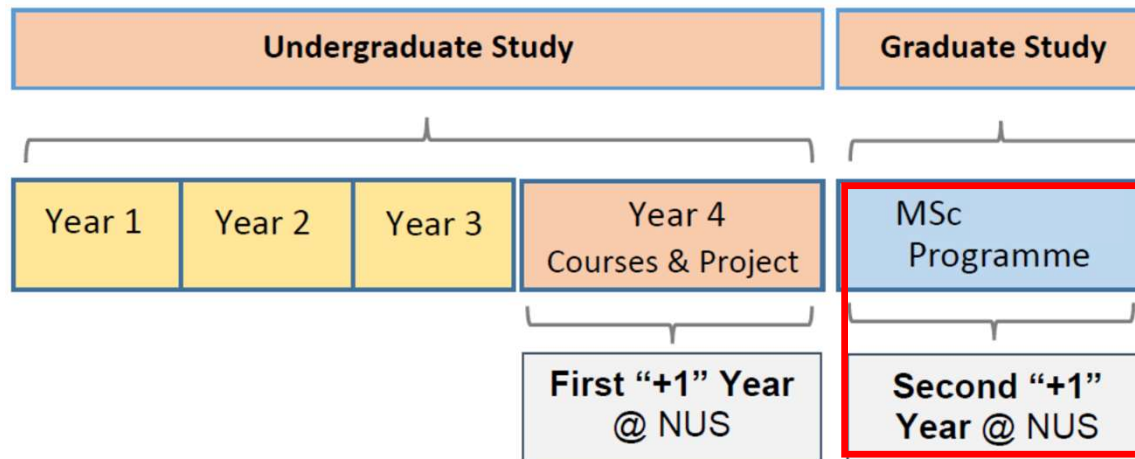
NUS 3+1+1 Program



First +1 year at NUS

- 16 units of graduate courses 16学分研究生课程
- Takes a Final Year Project (FYP) 参与毕业设计
- Graduate from Partner University 毕业自合作院校

NUS 3+1+1 Program



Second +1 year at NUS

- 311 program: Transfer up to 10 units of courses to MSc
- Complete remaining 30 units of courses to graduate with a NUS MSc degree
- 311项目：可以转入10个学分进入MSc阶段
- 完成剩下的30学分即可获得NUS MSc学位



NUS curriculum and details

MSc(CE)

- <https://cde.nus.edu.sg/cee/graduate/coursework-based-programmes/msc-ce/>

Fees (first +1 year)

Item	Fees (S\$)	Comments
Courses (16 units)	21,241.48	<ul style="list-style-type: none">• 4 courses of 4 units each• S\$5,310.37 per course
Final Year Project (Research fees)	2,600.00	<ul style="list-style-type: none">• S\$1,300.00 per semester• 2 semesters of FYP
Miscellaneous fees	327.00	
Total	24,168.48	

Correct as of Dec 2023. Please refer to the NUS CEE website for the most updated fee.

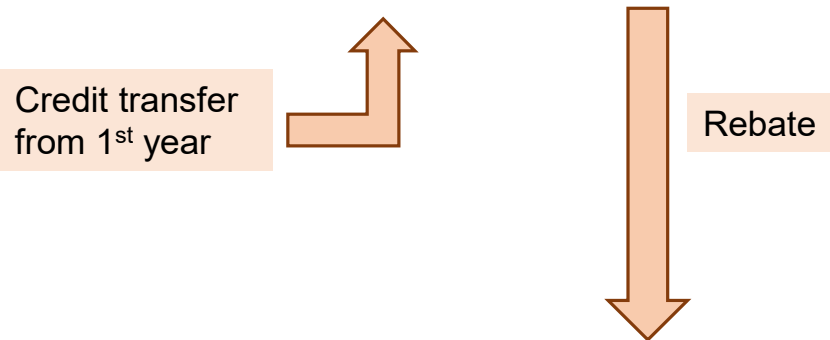
Fees (second +1 year)

Item	Fees (S\$)	Comments
MSc (Civil) Program Fee	53,103.71	• Full program fee based on 40 units

Correct as of Dec 2023. Please refer to the NUS CEE website for the most updated fee.

Fees (second +1 year)

Item	Fees (S\$)	Comments
MSc (Civil) Program Fee	53,103.71	• Full program fee based on 40 units



Item	Fees (S\$)	Comments
MSc (Civil) Program Fee	39,827.78	• Assume 10 units credit transfer

Expenses

Accommodation + Food + Transportation

- S\$1,600 – S\$2,500 per month

新加坡留学生一个月多少钱

2022-09-20 16:13:54 来源: 中国教育在线

去往新加坡留学的学生注意了，除了要准备留学的学费之外，同学们还要了解一下当地的生活消费水平，下面小编就给大家分析一下新加坡留学生一个月多少钱，以便后期准备好资金！



新加坡留学生一个月生活费

新加坡留学生生活费一个月需要1600-2500元新币左右，生活费包括住宿费、饮食费、交通费、通讯费等，其中住宿费每月需要500-1500新币，住宿费因地段、环境、配套设施、居住人数等因素而定。



Halloween Outing Along Sentosa Boardwalk
(2022 Oct)



Universal Studios Singapore
Halloween Horror Night (2022 Oct)



Activities

Outdoor Escape Race (2023 Nov)



Guided Bike Tour
(2023 Mar)



Mystery Relay
Race @ NUS
(2023 Oct)

Typical Timeline

Jan – Feb	<ul style="list-style-type: none">• Year 3 students to apply to home university coordinator for 311 program
Mar	<ul style="list-style-type: none">• NUS-CEE process application results and inform partner university
21 Mar – 10 Apr	<ul style="list-style-type: none">• Online application in NUS portal by selected students
May - Jun	<ul style="list-style-type: none">• Students receive official NUS offer, onboarding processes

Get the following documents ready for submission (by end Feb)

- Valid passport (minimum validity until end of May 2025)
- English test results (IELTS \geq 6.0 or TOEFL \geq 85), test taken after 21 Mar 2022 only (results have 2-years validity period)
- Latest transcript (typically 5th semester/mid of 3rd year), English version

MSc (Civil) Program

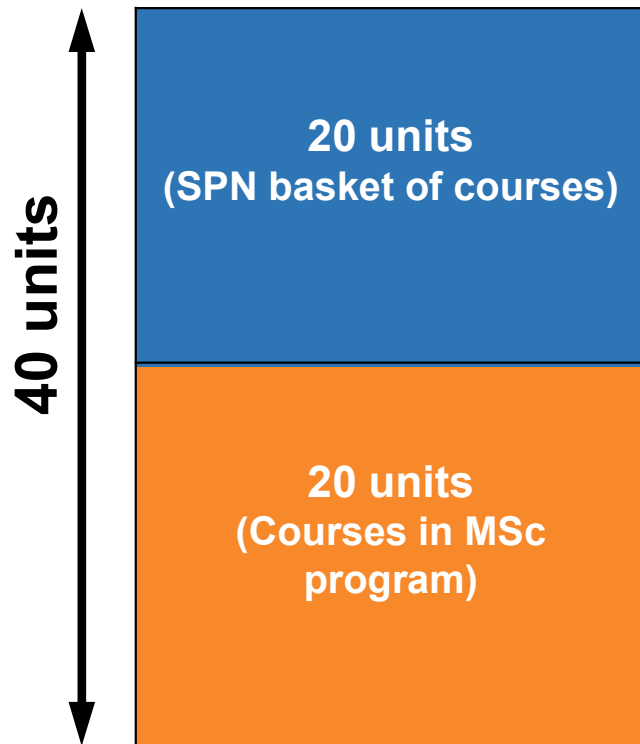
- Many established professional engineers as co-lecturers, together with award winning NUS professors

知名的专业工程师与新加坡国立大学教授共同授课

- Rigorous training and hands-on experience to establish connections between theory and practice

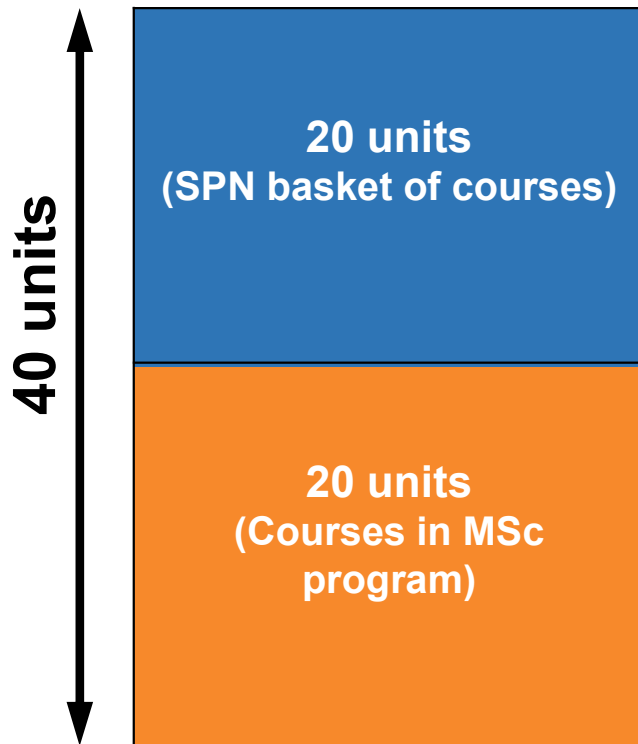
严格的训练和实践经验，建立理论与实践之间的联系

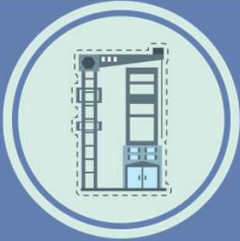

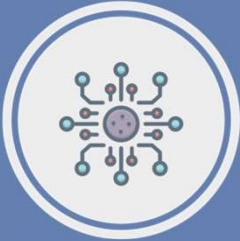


Customise your MSc degree



- Complete a total of 40 units
总共完成40学分课程
- Customization based on personal interests and professional needs
根据个人兴趣及专业需求个性化定制
- Graduate with a MSc(CE) degree with specialization
获取授课型硕士专业学位

Customise your MSc degree



	Structural Engineering	结构工程
岩土工程	Geotechnical Engineering	
	Infrastructure Digitalization & Management	基础设施数字化与管理
交通工程与城市规划	Transport & Urban Mobility	
	Sustainable Climate Resilience	可持续发展

Global recognition by employers

调查显示，雇主们倾向于寻找具有领导能力以及能够展现社会影响力的大学毕业生。团队协作能力与合作精神，也同样受到各国雇主的重视。

《泰晤士报高等教育特辑》（Times Higher Education）
2023年全球大学就业力排名
Global Employment University and Survey (GEURS)



2023	2022	大学
1	2	加州理工学院
2	1	麻省理工学院
3	5	斯坦福大学
4	4	剑桥大学
5	3	哈佛大学
6	9	普林斯顿大学
7	7	东京大学
8	6	牛津大学
9	8	新加坡国立大学
10	10	耶鲁大学
35	32	南洋理工大学

资料来源：全球大学就业力排名

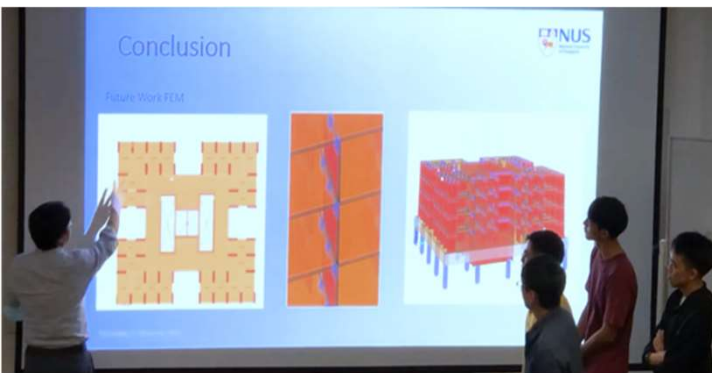
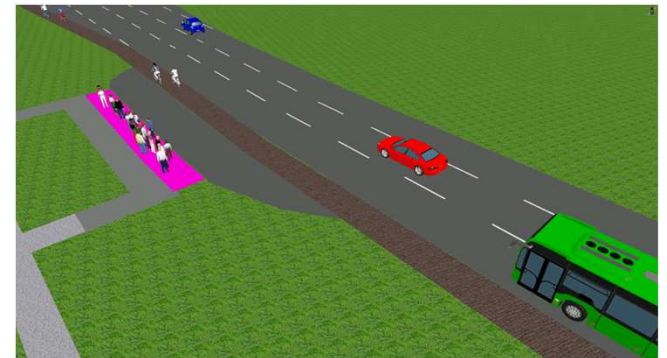


<https://www.zaobao.com.sg/news/singapore/story20231124-1451978>

Practical Training via Capstone Project

实践培训项目

- Integration of concepts learnt in specialization courses 整合专业课程中所学的概念
- Guidance from established industry practitioners 来自行业从业者的指导



Industrial Internship (NEW)

工业实习

- Real-world training 实践训练
- Full time internship with leading companies in Singapore 在新加坡知名企业全职实习
- 1 Semester (16 weeks) 一学期
- Started from Jan 2024



Student Exchange (NEW)

国际交换项目

- Broaden your outlook and foster a global mindset 拓宽国际视野
- 1 Semester MSc Student Exchange Program 1学期授课硕士交换计划
- Starting Jan 2025



THE UNIVERSITY OF
SYDNEY



Questions?



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3+1+1 program
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Thank you