

Class Time-Table of Graduate Courses

➤ Elective courses open to ECE Research programme (PhD/M.Eng/EngD) students

Semester II, AY2024/2025

DAY	TIME	CODE	COURSE TITLE	COURSE LECTURER/S	VENUE	Course Quota
MONDAY	6.00 pm to 9.00 pm	EE5106/ME5402	Advanced Robotics	CHUI CHEE KONG ^① , GE SHUZHONG SAM	LT 4	60
		EE5137	Stochastic Processes	TAN YAN FU, VINCENT	E1-06-01	60
		EE5441	Introduction to Nanoelectronics and Emerging Devices	WU YIHONG, MANSOOR BIN ABDUL JALIL	E3-06-07	50
		EE5507	Analog Integrated Circuits Design	HENG CHUN HUAT, MA FAN YUNG ^②	E1-06-09	70
		EE6831	Advanced Electromagnetic Theory and Applications	CHEN XUDONG, QIU CHENGWEI	E3-06-02	25
TUESDAY	12.00 pm to 3.00 pm	EE5101/ME5401	Linear Systems	XIANG CHENG, ONG CHONG JIN ^①	UT-AUD2	100
	6.00 pm to 9.00 pm	EE5311	Differentiable and Probabilistic Computing	MANDAR ANIL CHITRE	LT 3	120
		EE5801	Electromagnetic Compatibility	LIU ENXIAO ^② , ZHENYU ZHAO	SDE3-LT425	180
		EE6531 [#]	Advanced Topics in Smart Grid Technologies	PANDA, SANJIB KUMAR, DIPTI SRINIVASAN	E1-06-01	10
		EE6934	Deep Learning (Advanced)	TIANYI ZHOU, XU YUECONG	ENG Auditorium	45
WEDNESDAY	6.00 pm to 9.00 pm	EE5442	Memory Technologies and Their Emerging Applications	YANG HYUNSOO, FONG XUANYAO, GONG XIAO	LT 4	100
		EE5904/ME5404	Neural Networks, Neural Networks	XIANG CHENG, CHEN CHAO YU, PETER ^①	UT-AUD2	150
		EE6135 [#]	Digital Communications (Advanced)	ZHANG JIANWEN	ENG Auditorium	15
THURSDAY	6.00 pm to 9.00 pm	EE5134	Optical Communications and Networks	MOHAN GURUSAMY, LI NANXI ^②	SDE3-LT421	170
		EE5508	Semiconductor Fundamentals	WU YIHONG	E1-06-08	80
		EE6437	Advanced Semiconductor Devices	ANG KAH WEE	E1-06-02	30
		EE6832	Selected Topics in EM Metamaterial and Multiple-Antenna	CHEN ZHI NING	EA-06-04	30
FRIDAY	10.00 am to 1.00 pm	EE5907	Pattern Recognition	XU YUECONG, WANG SI	UT-AUD3	150
	6.00 pm to 9.00 pm	EE5434	Microelectronic Processes and Integration	LEE CHENGKUO, ZHU CHUNXIANG	SDE3-LT422	120
		EE5711	Power Electronic Systems	ASHWIN M KHAMBADKONE	E3-06-04	45
		EE6104 [#]	Adaptive Control Systems (Advanced)	HO WENG KHUEN, LEE TONG HENG	E5-02-32	7

REMINDER

Students are expected to be physically here in Singapore to pursue your studies at NUS by attending lectures, laboratory (if applicable), working on assignments, projects etc in-person.

**LEGEND OF NON-ECE OR
ADJUNCT STAFF**
① Mechanical Engineering
② Adjunct/External etc

- NOTES:
- ^SDE3-LT423 and SDE3-LT426 is located at [SDE3 \(Architecture\)](#). UT means venue is at UTown. LT 15 is located at AS6 (arts & social science).
 - #Married courses: EE5104/EE6104, EE5135/EE6135, EE5531/EE6531. Lectures is conducted concurrently. MEng and PhD students is allowed to take the EE6000 series only.
 - About cross-listed course: EE5101/ME5401, EE5904/ME5404 (host is ECE Dept). ECE students to apply EE prefix code only.
 - All class and exam will be held in-person by default.
 - Students are expected to be in Singapore physically to pursue studies. Request for remote studies out of Singapore will not be supported.

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### IMPORTANT NOTE

1. **Lecture for Semester II, AY2024/2025 will commence on instructional week 1: 13 January 2025 (Monday).**
2. Refer to the NUS Academic Calendar for AY2024-2025 at <http://www.nus.edu.sg/registrar/calendar>.
3. All classes and examinations will be held in-person (F2F) by default. Subjected to changes depending on the directive from NUS.
4. Staff and students should exercise social responsibility. Refer to MOH published news about wearing of face masks: <https://www.moh.gov.sg/news-highlights/details/integrating-our-covid-19-response-protocols-into-our-broader-public-health-programmes>
5. **Selection of course; submit course request; waiver of pre-requisite and/or appeals etc, are to be made by student via the [CourseReg@EduRec](#) system. This is for the allocation run process and relevant Dept Admins to track and process accordingly.**
6. **Students are to ensure that there is no clash in BOTH class and examination timetable when selecting the course(s) to be enrolled for the semester.**
7. Refer to our ECE Dept webpage for the (i) customised guide created for ECE graduate students, and (ii) about the applicable charges (if any) imposed on non-ECE graduate student enrolling for our ECE coursework graduate courses. For more details, refer: <https://cde.nus.edu.sg/ece/graduate/graduate-course-registration/>
8. Instructions on the course selection process, schedule for each round, application and allocation process for students is published at the [CourseReg webpage \(https://nus.edu.sg/coursereg/index.html\)](#). This is applicable to all NUS students unless otherwise stated.
  - i) Round 1 will begin from 2 January 2025 (*applicable to new and returning students*)
  - ii) For subsequent rounds and "Submit Course Request" function, refer to the schedule published at [CourseReg](#) webpage for details.
9. Some EE6000 series courses might not be opened to MSc students. MSc students who wish to apply for EE6000 course(s) may apply using the "SUBMIT COURSE REQUEST" function in [CourseReg@EduRec](#) system during Round 2. Email approval/support for waiver of requisite (if applicable) by course lecturer is required as proof. Requests are subject to approval on a case-by-case basis, limited by course conditions and quota constraints. Priorities are for PhD/EngD/MEng students. Assessment of appeals are after Round 2.
10. For descriptions and course requisites on ECE graduate courses, refer to [NUSMods \(https://nusmods.com/courses\)](#) (use Chrome or Firefox).
11. NUS reserves the right to cancel a course if enrolment is low.
12. **UPDATE TO NOTE:** Due to changes in programme structure and tuition fees for various self-funded MSc programme at NUS, a student may incur additional charges (per course basis) for enrolling in cross-Programme/Department/Faculty courses. Such charges (if applicable) will depend on the course host offering department and will be billed to student on top of the tuition fee in the applicable semester. Refer: <https://cde.nus.edu.sg/ece/graduate/graduate-course-registration/>
13. Refer to the following NUS webpages for latest update by the relevant offices.

| NUS Webpages                                                             | Go To                                                                                                                                             |
|--------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| ECE Class Timetable                                                      | <a href="https://cde.nus.edu.sg/ece/class-timetables/">https://cde.nus.edu.sg/ece/class-timetables/</a>                                           |
| CourseReg guide for ECE graduate students                                | <a href="https://cde.nus.edu.sg/ece/graduate/graduate-course-registration/">https://cde.nus.edu.sg/ece/graduate/graduate-course-registration/</a> |
| Description of ECE Graduate Courses (via NUSmods)                        | <a href="https://nusmods.com/courses">https://nusmods.com/courses</a>                                                                             |
| About CourseReg Exercise (by OUR)                                        | <a href="https://nus.edu.sg/coursereg/index.html">https://nus.edu.sg/coursereg/index.html</a>                                                     |
| University Calendar (refer to applicable academic year)                  | <a href="http://www.nus.edu.sg/registrar/calendar">http://www.nus.edu.sg/registrar/calendar</a>                                                   |
| Office of Risk Management and Compliance                                 | <a href="https://emergency.nus.edu.sg/circulars/">https://emergency.nus.edu.sg/circulars/</a>                                                     |
| <b>Student's login credential and VPN (where applicable)</b>             |                                                                                                                                                   |
| <b>CourseReg@EduRec</b> (Schedule, instruction, course selection etc)    | <a href="https://myedurec.nus.edu.sg/">https://myedurec.nus.edu.sg/</a>                                                                           |
| Examination Directory                                                    | <a href="http://www.nus.edu.sg/registrar/academic-activities/examination">http://www.nus.edu.sg/registrar/academic-activities/examination</a>     |
| ECE Student E-station<br>(Intranet: requires VPN & student's credential) | <a href="https://cde.nus.edu.sg/ece/about-us/e-station/">https://cde.nus.edu.sg/ece/about-us/e-station/</a>                                       |
| myPortal@NUS (College of Design and Engg, Graduate Prog)                 | <a href="https://cde.nus.edu.sg/graduate/#academic-support">https://cde.nus.edu.sg/graduate/#academic-support</a>                                 |
| "NUS student portal", Navigate to "student" at menu                      | via NUS homepage ( <a href="http://www.nus.edu.sg">http://www.nus.edu.sg</a> )                                                                    |

14. Information is correct as at time of printing and maybe subject to changes.

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