



NUS
National University
of Singapore

College of Design
and Engineering



CDE Freshman Welcome 2026

Academic Briefing

Office of Undergraduate Programmes
CDE Dean's Office

Outline



NUS
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- 1. CDE Curriculum Structure**
- 2. Preparing for Your First Semester**
- 3. Build Your Own Degree**



Bookmark this page!

<https://cde.nus.edu.sg/undergraduate/freshman-information/>



FRESHMAN INFORMATION

CDE Freshman Welcome on 17 July 2026

Welcome to the College of Design and Engineering (CDE)

Join us for the CDE Freshman Welcome as you begin this exciting new chapter. During this event, you will discover the full range of academic and student life resources available to support your journey at CDE, from academic advising and peer support to clubs, wellness support, and campus life. You will also get an in-depth look at special programmes – such as second majors, minors, specialisations and opportunities for interdisciplinary learning – as well as details for your primary majors. Connect with faculty members and advisors from your chosen majors, and start building the foundation for a rewarding NUS experience at this event.

Date: 17 July 2026 (Friday)

Venue: Block CA, 9 Engineering Drive 1, Singapore 117575

Programme overview:

- 10 am to 12 pm: Academic and student life resources
- 12 pm to 2 pm: Talks by special programmes + project and programme booths
- 2 pm onwards: Department talks for primary majors

(Note: Slides from the talks at this event will be posted here after the event.)

[Register your attendance today!](#)

Navigating your first semester

Get ready to dive into your journey in NUS! Discover the nuchances that will help you gear up and glide through your very first semester with confidence and clarity.

Getting to know your degree requirements

NUS academic calendar

The NUS academic year comprises two regular semesters and a Summer Term. Check the key dates for each semester in the current and upcoming academic years.

Understanding your workload

The workload for courses is measured in academic units which reflect the required weekly effort. Most courses carry 4 units, with a typical semester load of 20 units. Learn more about the minimum and maximum units you can take each semester.

CDE curriculum structure

The CDE curriculum includes the Common Curriculum, your primary major courses, and university electives. Learn more about what's covered in the CDE Common Curriculum.

Beyond your first semester

Unlock a world of opportunities during your time at NUS! Discover exciting programmes, key policies, and everything you need to know to make the most of your journey from your first semester to graduation.

Special academic programmes

Specialisations

Specialisations let you dive deeper into a specific area within your major. In general, you need to complete 20 units of courses for a Specialisation. Find out more from your primary major about the Specialisations that are available, and when and how you can enrol in a Specialisation.

Minor programmes

A Minor is an additional area of study outside of your primary major. In general, you need to complete 20 units of courses for a Minor. Find out more about the Minors that are offered in CDE and other Faculties/Schools, and when and how you can enrol in a Minor.

Second Major programmes

A Second Major is an additional area of study outside of your primary major which offers greater depth compared to a Minor. In general, you need to complete 40 units of courses for a Second Major. Find out more about the Second Majors that are offered in CDE and other Faculties/Schools, and when and how you can enrol in a Second Major.

Double degree programmes

A double-degree programme (DDP) allows you to graduate with two different degrees in two disciplines from the same Faculty/School or two different Faculties/Schools within NUS within the same candidature of 4 to 5 years. Find out more about the DDPs offered within CDE, as well as those offered jointly with other Faculties/Schools.

Internships, research and teaching opportunities

Undergraduate Research Opportunities Programme (UROP)

Sign up for UROP from Year 2 onwards if you would like to get taste of research through experiential learning under the guidance of a CDE faculty member.

Undergraduate Research Experiences (UREX)

Sign up for UREX from Year 2 onwards if you are keen to prepare your own independent research project, get funding for your project, receive mentorship from CDE faculty members for the project.

Undergraduate Teaching Opportunities Programme (UTOP)

Interested to acquire or hone your teaching skills? Sign up for UTOP to gain experience in classroom teaching, facilitation, preparation of teaching materials, and other teaching activities under the supervision of experienced academic teachers.

Career readiness

Start your career journey from self-discovery to exploration to planning and execution, and get advice from dedicated career advisors.

Internships

Gain valuable professional and work experience through compulsory and optional internships (typically in Year 2). You may pursue for internship positions on our own or via the NUS TalentConnect portal.

Global experience

Student exchange programmes (SEP)

Participate in a student exchange programme (typically in Year 3) to broaden your horizon while fulfilling some of your courses in NUS. You can choose from over 20 partner universities in more than 40 countries, and also consider going on exchange at another university in Singapore.

Summer and winter programmes

Maximise your vacation periods by joining a summer or winter programme at partner universities while earning credits towards your degree programme. You can also consider summer and winter programmes if you are ineligible or unable to commit to a full semester overseas for SEP.

NOC Overseas Colleges (NOC)

If you are passionate about entrepreneurship, join an NOC programme to stem at global innovation hubs while attending entrepreneurship courses at renowned partner universities.



This slide deck will be posted here later.

Bookmark this page!



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FRESHMAN INFORMATION

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Programme overview:

- 10 semesters
- 12 semesters
- 2 years

(Please consult the table of contents for more details on your programme)

Register your attendance today!

Navigating your first semester

Get ready to dive into your journey in NUS! Discover the roadblocks that will help you get up and glide through your very first semester with confidence and clarity.

Getting to know your degree requirements

NUS academic calendar

The NUS academic year comprises two regular semesters and a Summer Term. Check the key dates for each semester in the current and upcoming academic years.

Understanding your workload

The workload for courses is measured in academic units, which reflect the required weekly effort. Your courses carry a units, with a typical semester load of 20 units. Learn more about the intensity and workload units you can take each semester.

CDE curriculum structure

The CDE curriculum includes the Common Curriculum and your major courses, and various electives. Learn more about what's covered in the CDE Common Curriculum.

Student exchange programmes (SEP)

Participate in a student exchange programme (SEP) to spend your semester abroad, fulfilling some of your courses in NUS. You can choose from over 20 partner universities in more than 40 countries, and also consider going on exchange at another university in Singapore.

Summer and winter programmes

Maximise your vacation periods by joining a summer or winter programme at partner universities while earning credit towards your degree programme. You can also consider summer and winter programmes if you are ineligible or unable to commit to a full semester overseas for SEP.

NOC Overseas Colleges (NOC)

If you are passionate about entrepreneurship, join an NUS programme to meet at global innovation hubs, while attending entrepreneurship courses at renowned partner universities.



This slide deck will be posted here later.

CDE Curriculum Structure



Common terminologies

Primary major

- Your main field of study (i.e. discipline)
- Examples: Mechanical Engineering, Architecture, Industrial Design

Second major

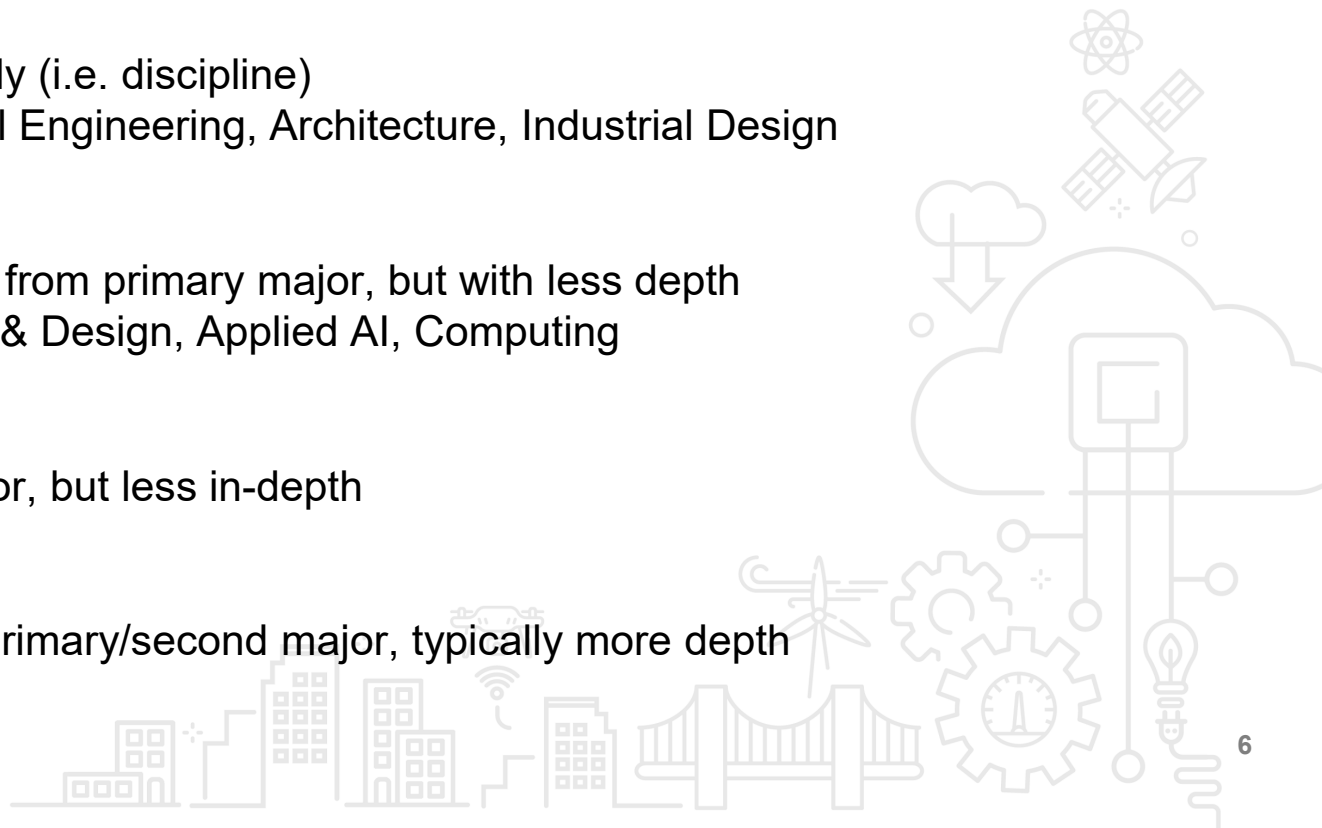
- Different field of study from primary major, but with less depth
- Examples: Innovation & Design, Applied AI, Computing

Minor

- Similar to second major, but less in-depth

Specialisation

- Sub-discipline within primary/second major, typically more depth



Common terminologies

Course

The classes you take are called courses. Each course has a unique prefix, followed by the course code.

Indicates the discipline –
in this case,
Computer Science

C S

The first digit indicates the
course level – in this case,
a Level 1 course

1 0 1 0

Units

- Measure of **workload**
- **4 units = 10 hours** per week (lectures, tutorials, assignments, projects, etc.)
- Typical course workload: 4 units
- Typical workload per semester: 20 units (equivalent to 5 courses)

Common terminologies

GPA

- Measure of **overall performance**
- Determines your degree classification at graduation

4-year Degree Programme	GPA Criteria
Honours (Highest Distinction)	4.50 & above
Honours (Distinction)	4.00 - 4.49
Honours (Merit)	3.50 - 3.99
Honours	3.00 - 3.49
Pass	2.00 - 2.99

$$\text{GPA} = \frac{\text{Sum (Course Grade Point x Course Units)}}{\text{Sum (Course Units Counted Towards GPA)}}$$

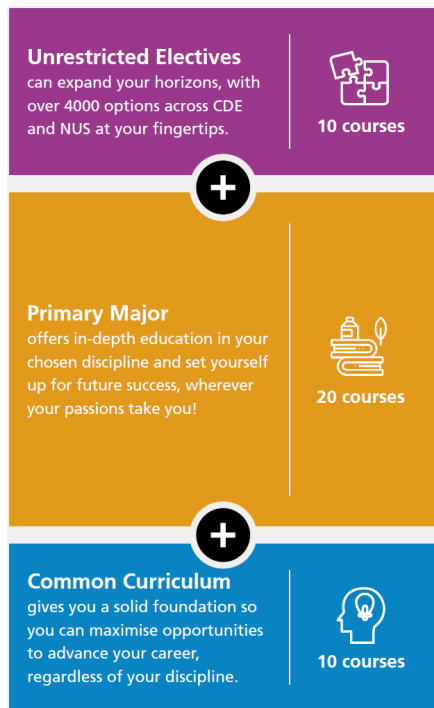
Grade	Grade Point
A+	5.00
A	
A-	4.50
B+	4.00
B	3.50
B-	3.00
C+	2.50
C	2.00
D+	1.50
D	1.00
F	0

CDE Curriculum Structure



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**40 units
(10 courses)**

Self-directed planning
“Build-your-own-degree”

**80 units
(20 courses)**

Primary discipline of focus
Details to be covered by your Department later today

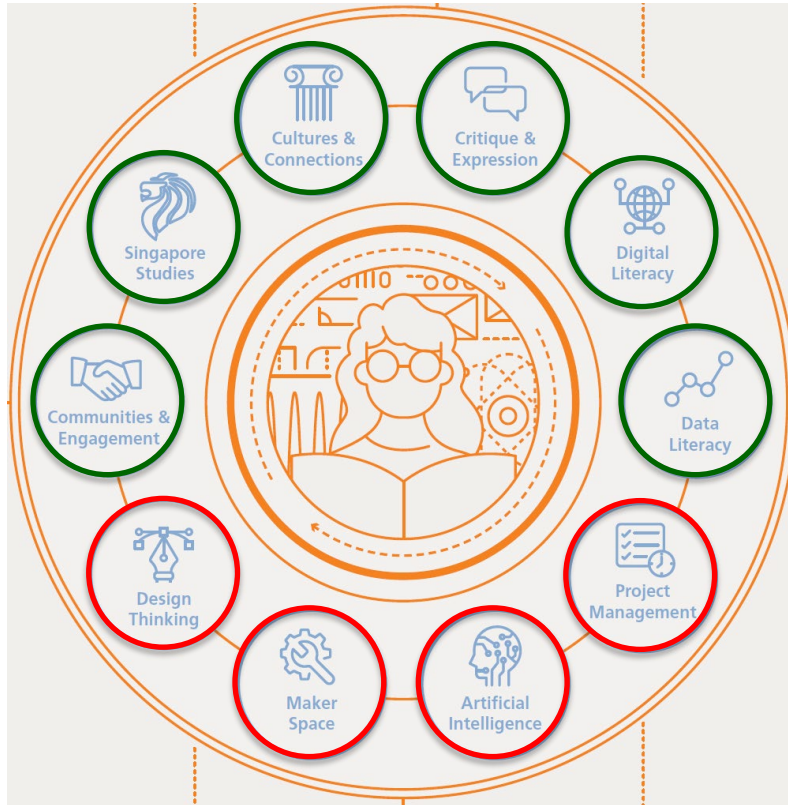
**40 units
(10 courses)**

Structured foundation
*Courses taken by all CDE students
21st century skillsets*

**160 units
(40 courses)**

Minimum for graduation

CDE Common Curriculum (40 units)



Read by all NUS undergraduates

- May have **specific options** based on your major
- May be **pre-allocated** each semester based on your major
- Some can be fulfilled by **UTCP, RVRC, NUSC** courses

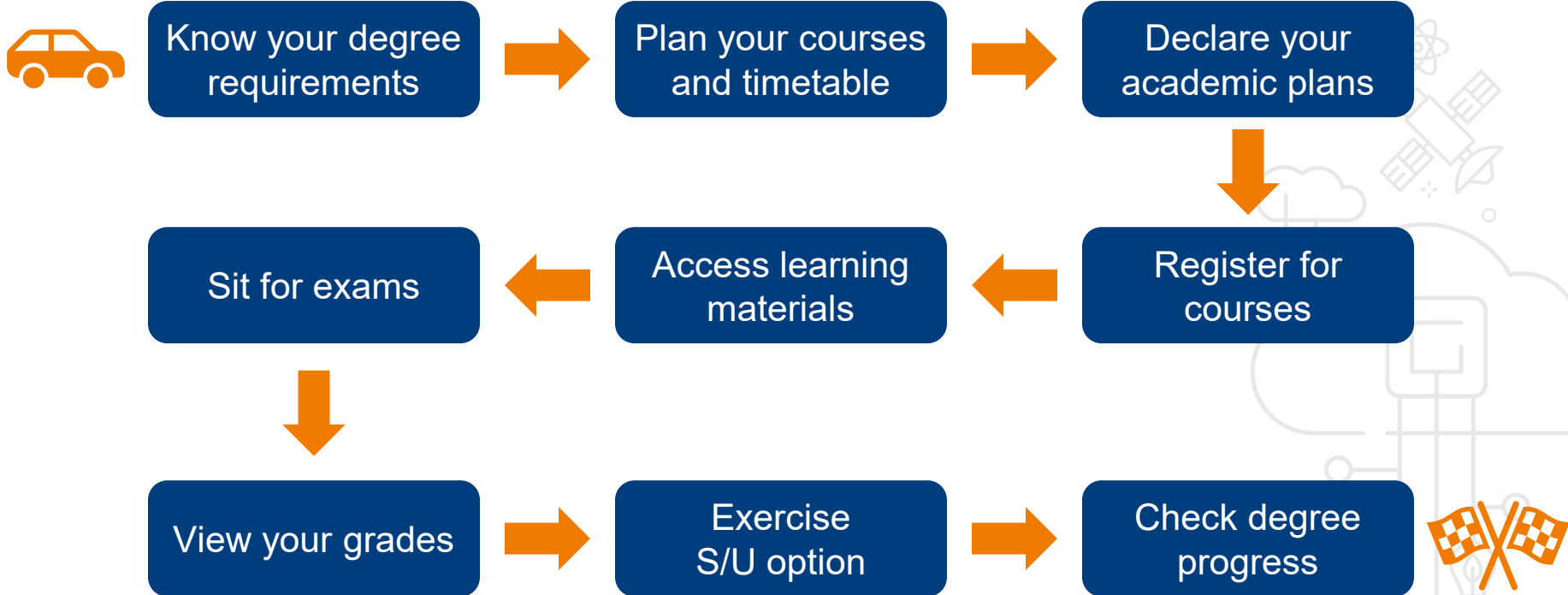
Read by all CDE undergraduates

- Essential knowledge and skills for designers and engineers
- May have **specific options** based on your major
- May be **pre-allocated** each semester based on your major

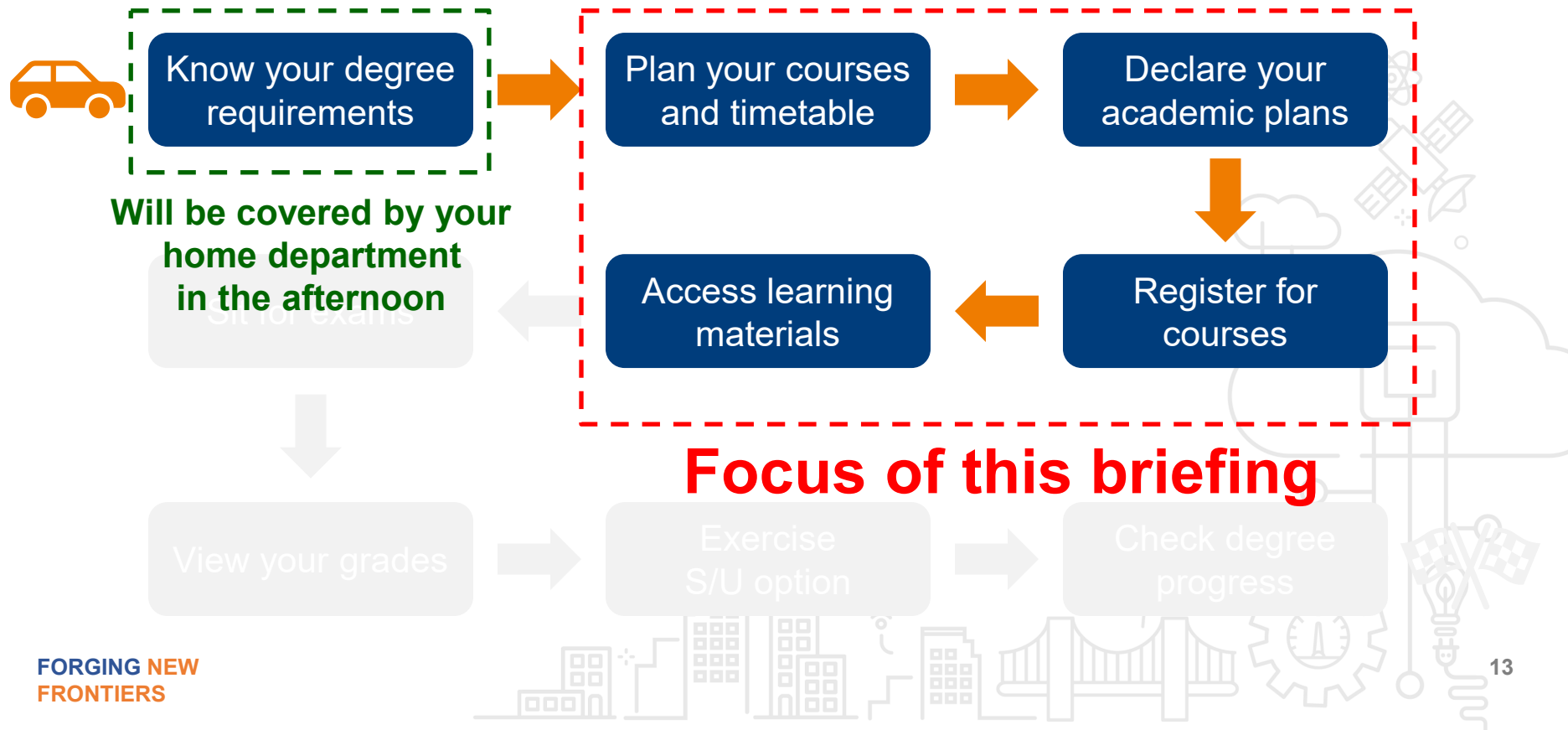
Preparing for Your First Semester



Your first semester journey ...



Your first semester journey ...



Plan your courses and timetable

NUS academic calendar

- 2 regular semesters per academic year
- (Optional) Special Term during long vacation after Semester 2
- Refer to **sample study plans** to check courses to read in each semester

Semester 1					Semester 2			
Regular Semester (18 Weeks)	Orientation (1 week) ¹				-		-	
	Instructional Period ² (6 weeks)	Mini-semester A	Instructional Period ² (6 weeks)	Regular Semester (17 Weeks)	Instructional Period ² (6 weeks)	Mini-semester A	Instructional Period ² (6 weeks)	
	Recess ³ (1 week)		Reading Week ³ (1 week)		Recess ³ (1 week)		Reading Week ³ (1 week)	
	Instructional Period (7 weeks)		Examination ⁵ (1 week)		Instructional Period (7 weeks)		Examination ⁵ (1 week)	
	Reading ⁴ (1 week)	Mini-semester B	Instructional Period ² (6 weeks)		Mini-semester B	Instructional Period ² (6 weeks)		
	Examination ⁵ (2 weeks)		Reading ⁴ (1 week)			Reading ⁴ (1 week)		
		Examination ⁵ (2 weeks)	Examination ⁵ (2 weeks)			Examination ⁵ (2 weeks)		
Vacation ⁶ (5 weeks)				Vacation ⁶ (12-13 weeks)				

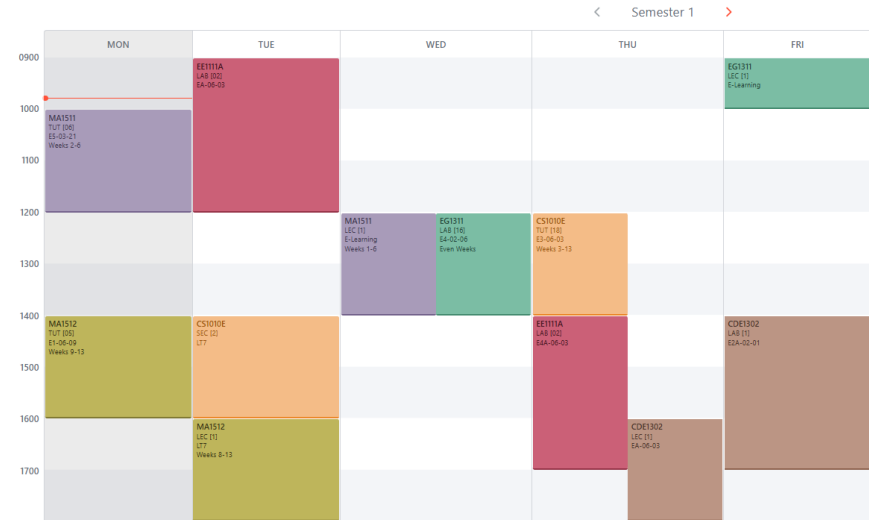
Plan your courses and timetable

NUSMods for timetable planning

- Check courses you are supposed to read in your first semester
- Ensure no clashes in classes and exams
- Ensure sufficient time to travel between classes

AY2026/27 courses now available!

NUSMods now has AY2026/27 course information available. The data is accurate but subject to changes. If there are any discrepancies with course data, please contact your respective faculty's office. Happy new academic year!



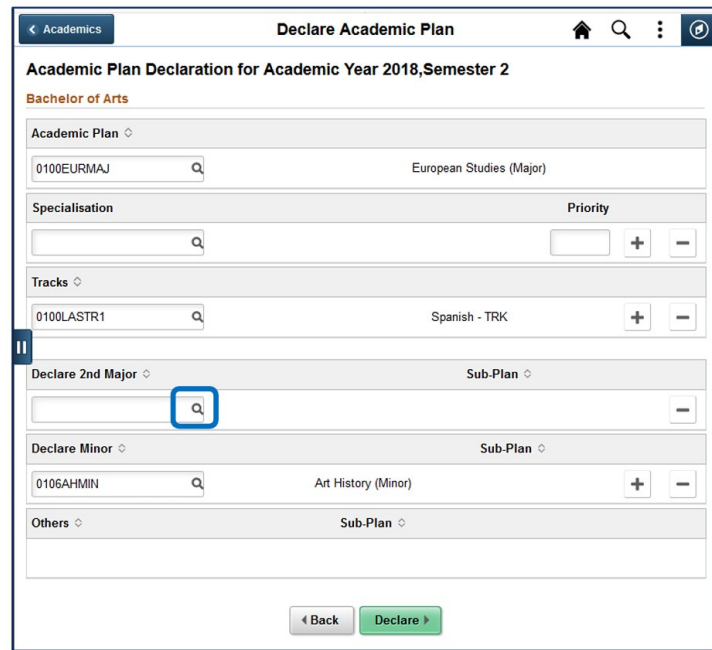
Declare your academic plans

Complete your declaration via EduRec

- Confirm / change **primary major** (selected majors)
- Add / drop open **second majors** / **minors**
- Add / drop **specialisations** (selected majors)

Can only declare ONCE per semester.

Started on **13 July 2026** and must be completed **at least 24 hours** before registering for courses

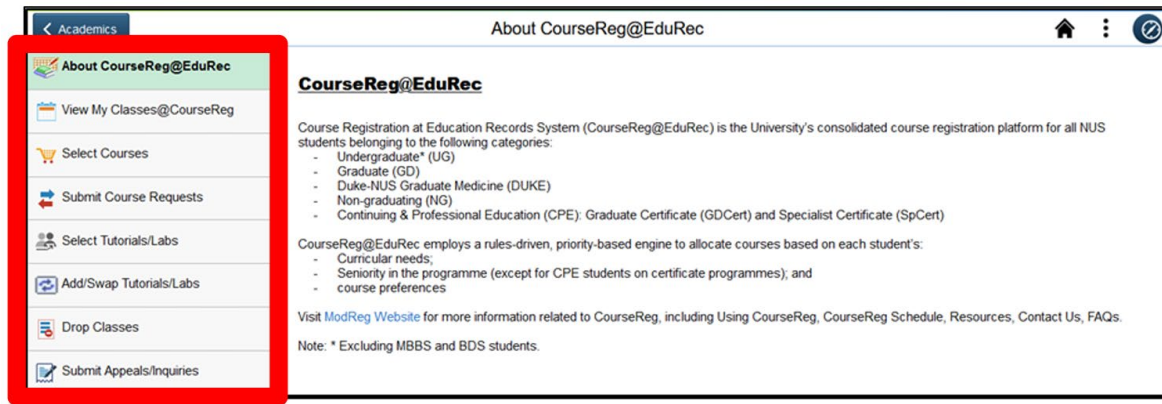


**Link to guide for academic
plan declaration**

Register for courses

CourseReg for course registration

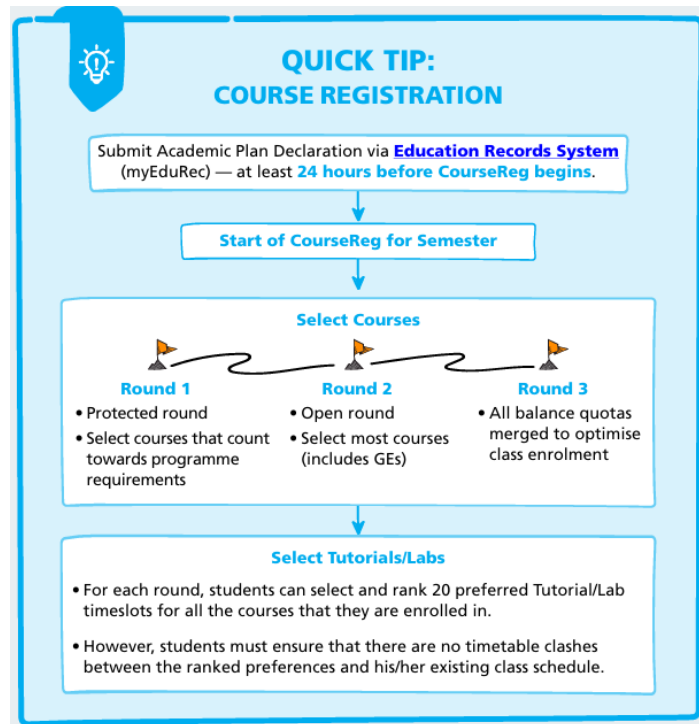
- Select your courses and lecture, lab, tutorial classes
- Check allocated classes, add/drop classes, submit appeals
- Starts on **20 July 2026**



Register for courses

CourseReg for course registration

- Check CourseReg website for details of the different **rounds** and classes that can be selected
- Find out from your home department which courses will be **pre-allocated** to you versus those that you need to **select on your own**



Bridging courses

Some students may need to take **bridging courses**.

Mathematics bridging course (MA1301)

Those in Engineering majors without H2 Mathematics or equivalent.

Will be pre-allocated for you in Semester 1.

Physics bridging course (PC1201)

Those in selected Engineering majors without H2 Physics or equivalent.

Will be pre-allocated for you in Semester 1 or Semester 2.

English bridging courses (ES1000 & ES1103)

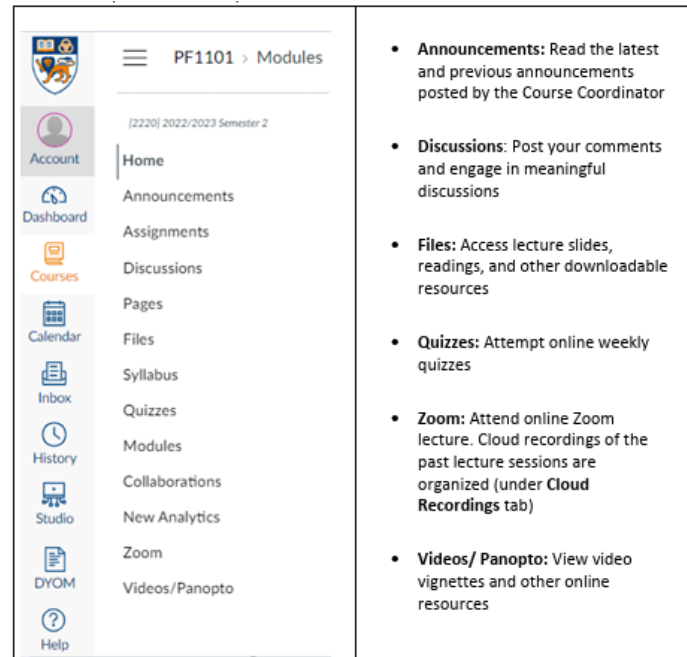
Those who are required to sit for Qualifying English Test (QET) and obtained Band 1 and/or Band 2.

Enrol on your own via CourseReg.

Access learning materials

Canvas for learning materials and assessments

- Lecture notes, course readings, videos, etc.
- Submit assignments and quizzes
- View course calendar (deadlines, events)
- Sign up for project groups
- Announcements



PF1101 > Modules

[2020] 2022/2023 Semester 2

Home

Announcements

Assignments

Discussions

Pages

Files

Syllabus

Quizzes

Modules

Collaborations

New Analytics

Zoom

Videos/Panopto

- **Announcements:** Read the latest and previous announcements posted by the Course Coordinator
- **Discussions:** Post your comments and engage in meaningful discussions
- **Files:** Access lecture slides, readings, and other downloadable resources
- **Quizzes:** Attempt online weekly quizzes
- **Zoom:** Attend online Zoom lecture. Cloud recordings of the past lecture sessions are organized (under **Cloud Recordings** tab)
- **Videos/ Panopto:** View video vignettes and other online resources

Transition to Higher Education (T.H.E.)

Online &
In-person



3 Hours



THE1001 A Culture of Respect and Consent*

Raise awareness and educate students on the NUS community standards of a safe, inclusive, and respectful campus

Online



2 Hours



THE1002 Student Essentials*

Appreciate importance of maintaining academic integrity and research ethics

Online



1 Hour



THE1003A Navigating Your Wellbeing at NUS

Empower students to understand and manage their wellbeing while knowing when and how to seek support at NUS

Online



2 Hours



THE1004 Learning to Learn

Level up your learning skills through AI-enhanced study techniques, beat back procrastination, and set clear study goals that will see you through University life and beyond

Online



1.5 Hours



THE1005 Guide to Use of Generative AI Tools

Explore responsible and appropriate use of Generative AI tools to enhance students' learning

Online



4 Hours



THE1008 Essentials of Prompt Engineering**

Learn how to prompt large language models and multimodal AI effectively to generate high-quality output for work

Compulsory

Please check the deadline



Compulsory

Please check the deadline

Find out the details
on this website.

Satisfactory / Unsatisfactory (S/U) Option

What is S/U option?

- Exclude selected courses from your GPA
- **Safety net** in case you do not do well
- Take courses **outside your comfort zone**

Grade <u>before</u> S/U	Grade <u>after</u> S/U
A+ to D	S (Satisfactory)
F	U (Unsatisfactory)

**Does not count
toward GPA**

[Link to S/U policy](#)

$$\text{GPA} = \frac{\text{Sum (Course Grade Point x Course Units)}}{\text{Sum (Course Units Counted Towards GPA)}}$$

Grade	Grade Point
A+	5.00
A	
A-	4.50
B+	4.00
B	3.50
B-	3.00
C+	2.50
C	2.00
D+	1.50
D	1.00
F	0

Recap: outline



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- 1. CDE Curriculum Structure**
- 2. Preparing for Your First Semester**
- 3. Build Your Own Degree**



Build Your Own Degree

What to do with your
unrestricted electives?



CDE Curriculum Structure



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What can you do with this?

Unrestricted Electives

can expand your horizons, with over 4000 options across CDE and NUS at your fingertips.



10 courses

40 units
(10 courses)

Self-directed planning
"Build-your-own-degree"



Primary Major

offers in-depth education in your chosen discipline and set yourself up for future success, wherever your passions take you!



20 courses

80 units
(20 courses)

Primary discipline of focus
Details to be covered by your Department later today



Common Curriculum

gives you a solid foundation so you can maximise opportunities to advance your career, regardless of your discipline.



10 courses

40 units
(10 courses)

Structured foundation

Courses taken by all CDE students
21st century skillsets

160 units
(40 courses)

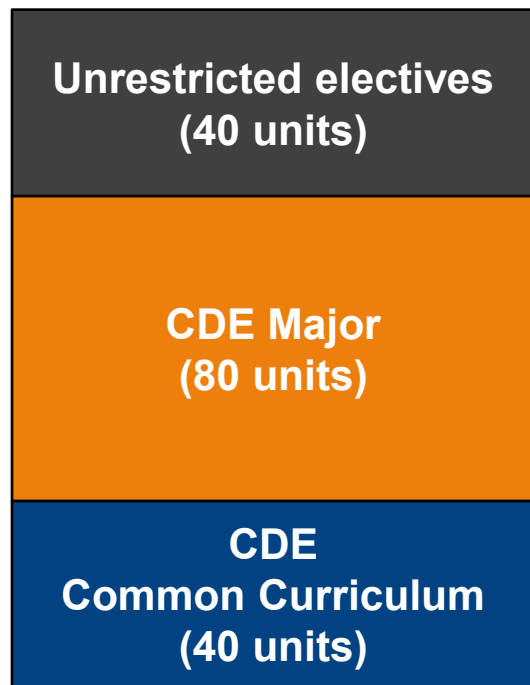
Minimum for graduation

Build Your Own Degree



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What can you
do with this?

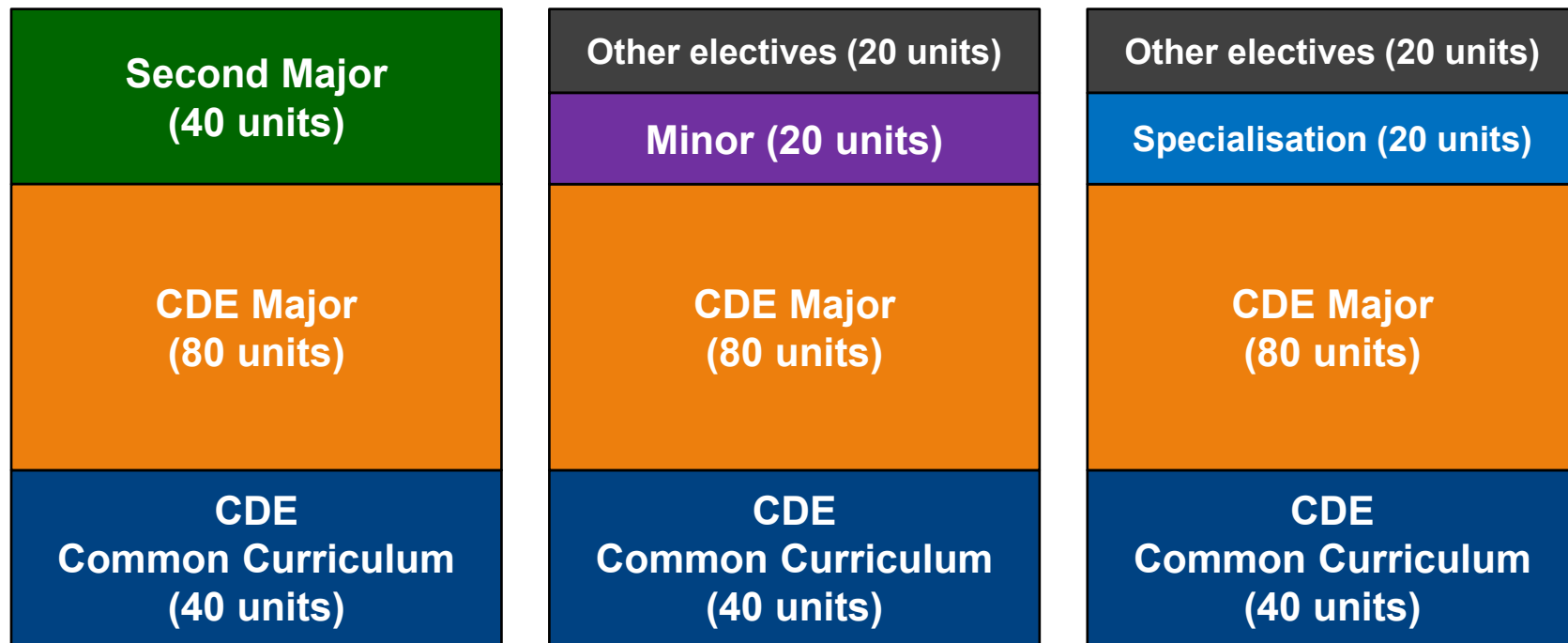


Build Your Own Degree



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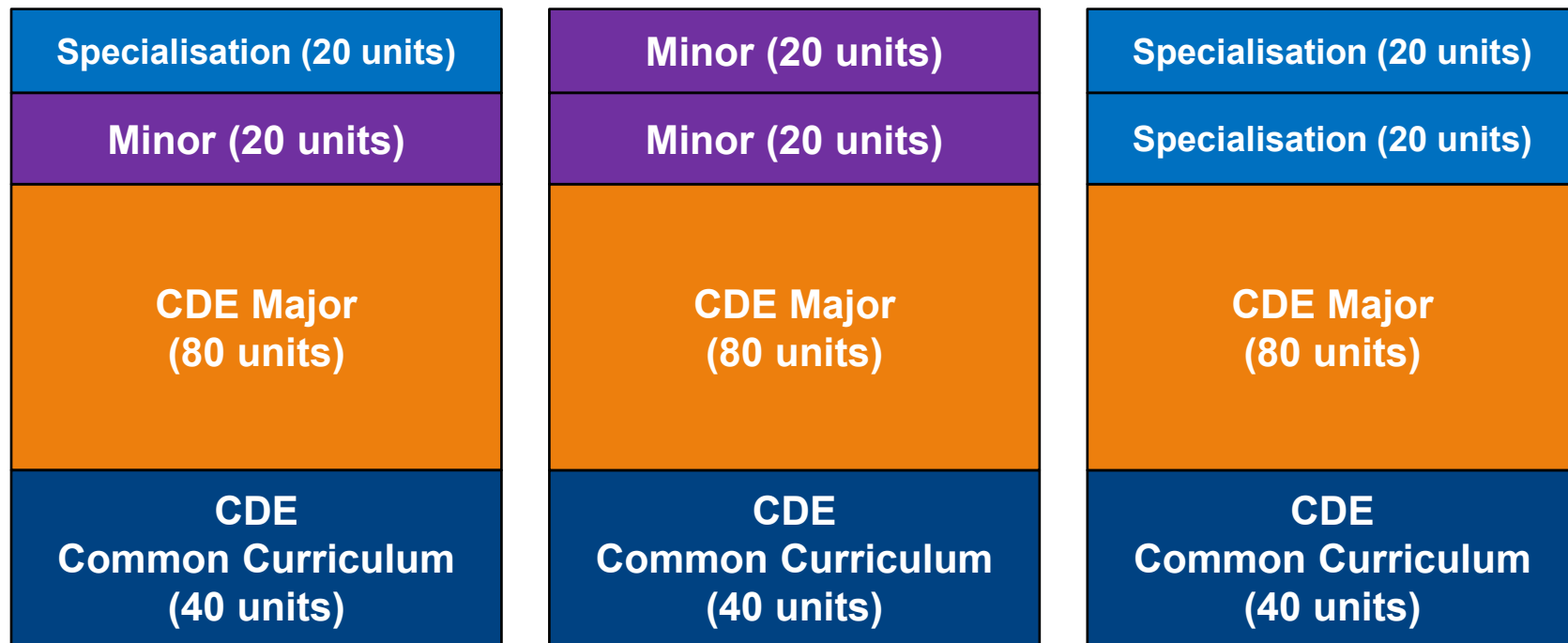


Build Your Own Degree



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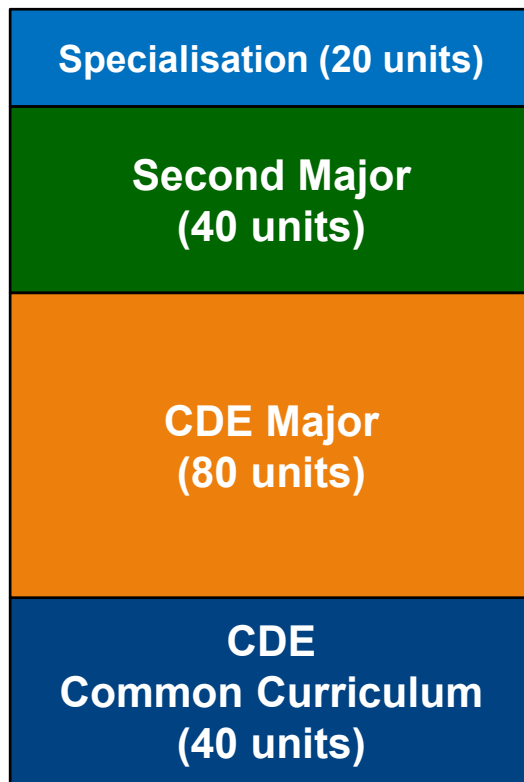
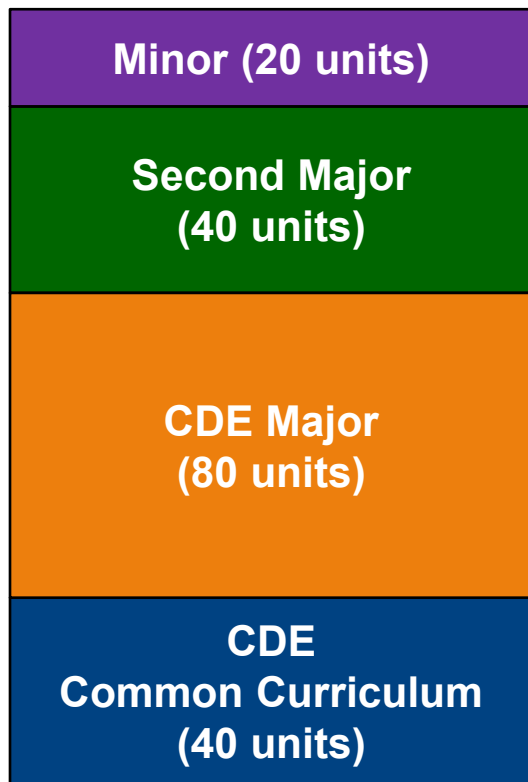


Build Your Own Degree



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You can take more than 160 units if you can manage!

Some combinations may allow for **double counting** of courses.

Build Your Own Degree

Second Major (40 units)

(Equivalent to 10 courses)

Gain **depth** in a **different discipline** than your primary (main) major

Currently 5 from CDE, > 40 from outside CDE

Minor (20 units)

(Equivalent to 5 courses)

Gain **breadth** in a **different discipline** than your primary (main) major

Currently 18 from CDE, > 70 from outside CDE

Specialisation (20 units)

(Equivalent to 5 courses)

Gain **depth** in your **primary** (main) **major**

Check with your home Department during the briefing later today

Build Your Own Degree

Second Major (40 units)

(Equivalent to 10 courses)

Minor (20 units)

(Equivalent to 5 courses)

Specialisation (20 units)

(Equivalent to 5 courses)

How to sign up?

- Most Second Majors, Minors and Specialisations can be selected via **Academic Plan Declaration** exercise at the start of each semester.
- Second Major and Minor: sign up latest by start of fifth semester.
- Specialisation: sign up in any semester.

Second Majors and Minors offered by CDE

Second Major (40 units)

- Applied AI (Design & Engineering) *NEW*
- Computing (Design & Engineering)
- Innovation & Design
- Systems Engineering
- Sustainable Urban Development

Use your first semester to find out more about these and other second majors and minors!

Minor (20 units)

- Architectural Studies
- Applied AI (Design & Engineering)
- Biomedical Engineering
- Cities
- Computing (Design & Engineering)
- Data Engineering
- Electrical Engineering *NEW*
- Engineering Materials
- Hydrogen and Low Carbon Technology
- Infrastructure Management & Finance
- Innovation & Design
- Landscape Architectural Studies
- Management of Technology
- Mechanical Engineering *NEW*
- Project Management
- Sustainability Solutions *NEW*
- Systems Engineering
- Visual Communication Design

Second Majors and Minors offered by CDE



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Find out more about these Second Majors / Minors at the optional talks from 12.15 pm to 1.00 pm.

Venue	Second Major / Minor
Lecture Theatre 7A	Second Major / Minor in Innovation & Design (+ NUS Overseas Colleges)
Engineering Auditorium	Second Majors / Minors in: • Applied AI (Design & Engineering) • Computing (Design & Engineering) • Systems Engineering
EA-02-11	Minors in: • Cities • Hydrogen and Low Carbon Technology • Mechanical Engineering

Top Second Majors and Minors selected by CDE students

Second Major (40 units)

Design majors

- Economics
- Innovation & Design
- Management
- Quantitative Finance
- Sustainable Urban Development

Engineering majors

- Computing (Design & Engineering)
- Data Analytics
- Economics
- Innovation & Design
- Management
- Mathematics
- Quantitative Finance
- Sustainable Urban Development

Minor (20 units)

Design majors

- Cities
- Computing (Design & Engineering)
- Entrepreneurship
- Infrastructure Management & Finance
- Psychology

Engineering majors

- Applied AI
- Computer Science
- Computing (Design & Engineering)
- Data Analytics
- Economics
- Entrepreneurship
- Innovation & Design
- Mathematics
- Quantitative Finance

**You can consider other options too:
there are >100 to choose from!**

Double degree programmes (DDPs)

What are DDPs?

- Diversify your knowledge, skills, and career options in two **complementary** or **contrasting** fields.
- Get **two degrees**: one from CDE and the other from another Faculty, or two degrees from CDE.
- Complete within **4 to 5 years**.
- Pay tuition fee for **primary degree** programme only.
- Choose from pre-approved combinations or propose your own.



Double degree programmes (DDPs)



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Structured DDPs

Choice of DDP	Minimum units for graduation	Duration
Design and Engineering + Humanities and Sciences	168 to 192 units (42 to 48 courses)	4 to 5 years
Engineering + Business Administration	200 to 216 units (50 to 54 courses)	5 years
Internal DDPs within CDE	168 to 200 units (42 to 50 courses)	4 to 5 years



You can also propose your own combinations.

Double degree programmes (DDPs)

Orientation / Info Session on 5 August 2026



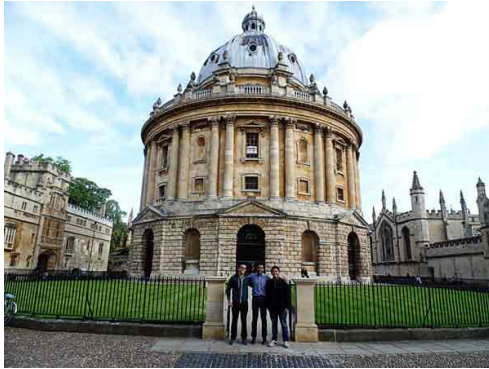
Find out more about the DDP curriculum structure and application process at this event.

- Date: 5 August 2026 (Wednesday)
- Time: 10.00 am to 11.30 am
- Venue: E7-03-09

Sign up now!



Global experience programmes



Student exchange programmes (SEP)

- One semester (or one year) at a partner university
- Map courses to your major or unrestricted electives
- Generally in Year 3



Summer and winter programmes

- Short programmes during vacation periods
- Map courses to your major or unrestricted electives
- Any summer/winter vacation period



NUS Overseas Colleges

- Internships in entrepreneurial hotspots across the globe
- 3 months or 1 semester or 1 year
- Fulfills internship requirement for Engineering majors
- Generally in Year 3

Global experience programmes



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Americas



**FORGING NEW
FRONTIERS**

Europe



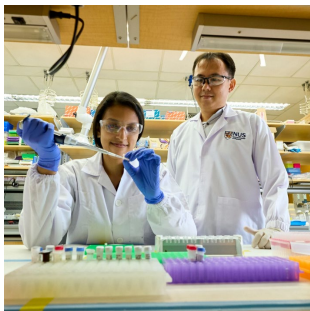
Asia and Oceania



Research opportunities

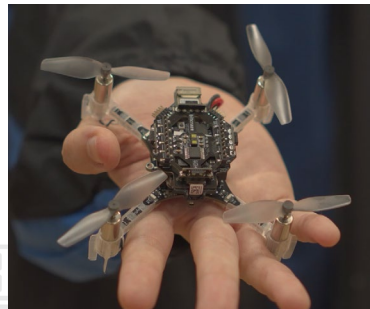
Undergraduate Research Opportunities Programme (UROP)

- Research apprenticeship under the guidance of a CDE faculty member
- Generally Year 2 onwards



Undergraduate Research Experience (UREx)

- Propose your own independent project or research
- Get funding for your project and mentorship from CDE faculty members
- Generally Year 2 onwards



Competitions and hackathons



Opportunities to build your network, apply your design and engineering skills, and win attractive prizes!



Land Transport Authority



Google Cloud



SBS Transit



NEBULA X HACKATHON 2026

BUILD THE FUTURE OF MOBILITY



@nebulax_hackathon



NETWORKING
OPPORTUNITIES



INTERACTIVE
WORKSHOPS



FREE GOOGLE
CERTIFICATION



\$15,000
PRIZE POT



REGISTER NOW!

 <https://NebulaX.com.sg>

KEY DATES



REGISTRATION
OPENS
10 JUL



REGISTRATION
CLOSES
1 AUG



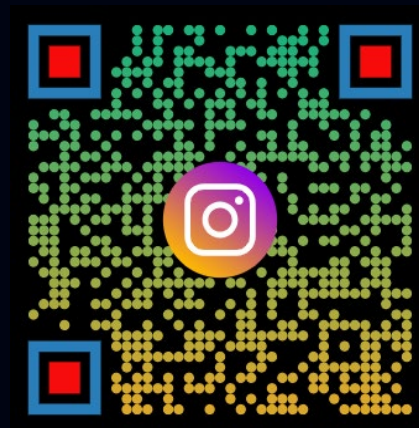
HACKATHON
STARTS
18 SEP



HACKATHON
CLOSES
20 SEP



AWARD
CEREMONY
16 OCT



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Recap: outline

- 1. CDE Curriculum Structure**
- 2. Preparing for Your First Semester**
- 3. Build Your Own Degree**



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NUS
National University
of Singapore

College of Design
and Engineering

<https://cde.nus.edu.sg/undergraduate/freshman-information/>



FRESHMAN INFORMATION

CDE Freshman Welcome on 17 July 2026

Welcome to the College of Design and Engineering (CDE)

Join us for the CDE Freshman Welcome as you begin this exciting new chapter. During this event, you will discover the full range of academic and student life resources available to support your journey at CDE, from academic advising and peer support to clubs, wellness support, and campus life. You will also get an insight look at special programmes – such as second majors, minors, specialisations and opportunities for interdisciplinary learning – as well as details for your primary majors. Connect with faculty members and advisors from your chosen majors, and start building the foundation for a rewarding NUS experience at this event.

Date: 17 July 2026 (Friday)

Venue: Block CA, 9 Engineering Drive 1, Singapore 117575

Programme overview:

- 10 am to 12 pm: Academic and student life resources
- 12 pm to 2 pm: Talks by special programmes + project and programme booths
- 2 pm onwards: Department talks for primary majors

(Note: Slides from the talks at this event will be posted here after the event.)

[Register your attendance today!](#)

Navigating your first semester

Get ready to dive into your journey in NUS! Discover the must-knows that will help you gear up and glide through your very first semester with confidence and clarity.

Getting to know your degree requirements

NUS academic calendar

The NUS academic year comprises two regular semesters and a Summer Term. Check the key dates for each semester in the current and upcoming academic years.

Understanding your workload

The workload for courses is measured in academic units which reflect the required weekly effort. Most courses carry 4 units, with a typical semester load of 20 units. Learn more about the minimum and maximum units you can take each semester.

CDE curriculum structure

The CDE curriculum includes the Common Curriculum, your primary major courses, and university-wide electives. Learn more about what's covered in the CDE Common Curriculum.

Beyond your first semester

Unlock a world of opportunities during your time at NUS! Discover exciting programmes, key policies, and everything you need to know to make the most of your journey from your first semester to graduation.

Special academic programmes

Specialisations

Specialisations let you dive deeper into a specific area within your major. In general, you need to complete 20 units of courses for a Specialisation. Find out more from your primary major about the Specialisations that are available, and when and how you can enrol in a Specialisation.

Minor programmes

A Minor is an additional area of study outside of your primary major. In general, you need to complete 20 units of courses for a Minor. Find out more about the Minors that are offered in CDE and other Faculties/Schools, and when and how you can enrol in a Minor.

Second Major programmes

A Second Major is an additional area of study outside of your primary major which offers greater depth compared to a Minor. In general, you need to complete 40 units of courses for a Second Major. Find out more about the Second Majors that are offered in CDE and other Faculties/Schools, and when and how you can enrol in a Second Major.

Double degree programmes

A double-degree programme (DDP) allows you to graduate with two different degrees in two disciplines from the same Faculty/School or two different Faculties/Schools within NUS within the same candidature of 4 to 5 years. Find out more about the DDPs offered within CDE, as well as those offered jointly with other Faculties/Schools.

Internships, research and teaching opportunities

Undergraduate Research Opportunities Programme (UROP)

Sign up for UROP from Year 2 onwards if you would like to get taste of research through mentorship under the guidance of a CDE faculty member.

Undergraduate Research Experiences (UREX)

Sign up for UREX from Year 2 onwards if you are keen to prepare your own independent research project, get funding for your project, receive mentorship from CDE faculty members for the project.

Undergraduate Teaching Opportunities Programme (UTOP)

Interested to acquire or hone your teaching skills? Sign up for UTOP to gain experience in classroom teaching, facilitation, preparation of teaching materials, and other teaching activities under the supervision of experienced academic teachers.

Career readiness

Start your career journey from self-discovery to exploration to planning and execution, and get advice from dedicated career advisors.

Internships

Gain valuable professional and work experience through compulsory and optional internships (typically in Year 2). You may pursue for internship positions on our own or via the NUS TalentConnect portal.

Global experience

Student exchange programmes (SEP)

Participate in a student exchange programme (typically in Year 3) to broaden your horizon while fulfilling some of your courses in NUS. You can choose from over 20 partner universities in more than 40 countries, and also consider going on exchange at another university in Singapore.

Summer and winter programmes

Maximise your vacation periods by joining a summer or winter programme at partner universities while earning credits towards your degree programme. You can also consider summer and winter programmes if you are ineligible or unable to commit to a full semester overseas for SEP.

NOC Overseas Colleges (NOC)

If you are passionate about entrepreneurship, join an NOC programme to stem at global innovation hubs while attending entrepreneurship courses at renowned partner universities.



This slide deck will be posted here later.

Contact list for academic matters



NUS
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College of Design
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Programme	Email address
Architecture	alicia.w@nus.edu.sg
Landscape Architecture Minor in Architectural Studies Minor in Landscape Architectural Studies	neesha84@nus.edu.sg
Biomedical Engineering Minor in Biomedical Engineering	bme.ug@nus.edu.sg
Chemical Engineering Minor in Hydrogen and Low Carbon Technology	chbeug@nus.edu.sg
Civil Engineering Environmental & Sustainability Engineering	ceebox3@nus.edu.sg
Second Major in Sustainable Urban Development Minor in Sustainability Solutions	ceelccc@nus.edu.sg
Computer Engineering	askCEG@nus.edu.sg
Electrical Engineering Second Major in Applied AI (Design and Engineering) Minor in Applied AI (Design and Engineering) Second Major in Computing (Design and Engineering) Minor in Computing (Design and Engineering) Minor in Data Engineering Minor in Electrical Engineering	askECE@nus.edu.sg

Programme	Email address
Engineering Science	engscience@nus.edu.sg
Industrials & Systems Engineering Second Major in Systems Engineering Minor in Systems Engineering Minor in Management of Technology	ug_isem@nus.edu.sg
Industrial Design Minor in Visual Communication Design	didsec@nus.edu.sg
Infrastructure & Facilities Management Minor in Infrastructure Management & Finance Minor in Project Management	ipm@nus.edu.sg
Innovation & Design Programme (Second Major / Minor in Innovation & Design)	idp-query@nus.edu.sg
Materials Science & Engineering Minor in Engineering Materials	msehslk@nus.edu.sg
Mechanical Engineering Minor in Mechanical Engineering	enquire_me@nus.edu.sg
Minor in Cities	nuscities@nus.edu.sg
Robotics & Machine Intelligence	enquire_rmi@nus.edu.sg
Double Degree Programmes	cde_ddp@nus.edu.sg

Help Shape a Future NUS Study Planner

NUS is exploring a new Study Planner for simpler, personalised academic planning.



Explore
programmes/minors



Plan courses
across semesters



Track graduation
progress



Understand
prerequisites

We Want to Hear From You!



 **Survey Duration: 5–8 minutes**



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