

Computer Science Study Abroad Program

Peer-Olaf Siebers

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25/10/2024

My Role

- Study Abroad Academic Advisor for Computer Science
 - Provides academic advice on studying abroad
 - Administrative support provided by the Study Abroad team (studyabroad@nottingham.ac.uk)
 - Ensures students study broadly equivalent modules
 - Needs to sign off the final choice of modules

 - Point of contact and support during study abroad period (for academic questions)
 - Convert host institution grades to UoN grades



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The majority of University of Nottingham students have the opportunity to have an international experience during their university career.

Nottingham has 200 university partners in 40 different countries spanning six different continents across four different exchange programmes. These include Inter-campus exchange, International exchange and International summer schools.

Applications usually take place during the autumn semester of the academic year before you would go on exchange. To see what options are available for your specific subject area go to the [Global opportunities by school](#) webpages.

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[Global opportunities
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International exchange is a non-compulsory, competitive programme with partners across five continents which include some of the best universities in the world. Students taking part in this exchange will experience a different teaching and learning environment and have the opportunity to take modules that might not be available at Nottingham or in the UK at all. This means you can choose to give your degree a regional focus by choosing modules that concentrate on the local area or undertaking fieldwork at unique sites in the local area, like the Great Barrier Reef in Australia.

Approximately 60% of the students that apply are allocated a place.

The opportunities listed here are correct as at the time of publishing and for the application year 2023/2024. Please be aware that study abroad options may change at any time for a number of reasons, including curriculum developments, changes to arrangements with partner universities, travel restrictions or other circumstances outside of the university's control. Every effort will be made to update this information as quickly as possible should a change occur. Please note that, in order to be accepted on to a study abroad programme, you have to achieve the relevant academic requirements as set by the university AND meet the selection criteria of both the university and the partner institution (though the partner institution is under no obligation to accept you)

Useful links

Global opportunities >

by school >

International
exchange FAQs >

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University of
Nottingham
UK | CHINA | MALAYSIA

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Study abroad

- International exchange
- International campuses
- International summer schools
- Global opportunities by faculty**
- Faculty of Arts
- Faculty of Engineering
- Faculty of Medicine and Health Sciences
- Faculty of Science
- Faculty of Social Sciences

Global opportunities by faculty

The sections below contain the information you need to decide where to apply to study abroad and learn more about the study abroad opportunities offered by your school/department.

The information is correct for students who are applying to study abroad during the 2024/2025 academic year.

School/department academic advisers' details are correct at the time of publication but are subject to change.

For information about tuition fees, available bursaries and other finance information, please visit the [study abroad finance page](#).

To find out more about studying abroad follow our [Instagram](#) or [Facebook](#) pages. Online activities and events will be held throughout the autumn term, details can be found on our events webpage and social media.

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Academic schools/departments by faculty

- Faculty of Arts
- Faculty of Engineering
- Faculty of Medicine and Health Sciences
- Faculty of Science**

Related links

- International Exchange
- Inter-campus
- Summer schools
- Global opportunities events**



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Faculty of Arts

Faculty of Engineering

Faculty of Medicine and

Global opportunities 2025/2026

Please click on the dropdown boxes below to find out the study abroad opportunities for your school/department for exchange in the 2025/2026 academic year.

Please ensure you check the notes column for the International exchange opportunities tables, as there may be certain restrictions for specific degree subjects or a partner university may have restrictions over which semester you can study abroad.



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Biosciences



Chemistry



Computer Science



Faculty of Arts

Faculty of Engineering

Faculty of Medicine and Health Sciences

Faculty of Science

Faculty of Social Sciences

Global opportunities events

Study abroad finance

Turing Mobility Funding

Study abroad student experience

Students' Union

Your assessment results

Standards of behaviour

Computer Science ✕

International exchange

Eligibility

MSci Computer Science with an International Study Year and MSci Computer Science and Artificial Intelligence with an International Study Year apply in second-year for exchange for full year of third-year

All other courses apply in first year to study abroad for spring semester of second-year.

Minimum 60% average required to be considered.

International exchange opportunities +

International exchange application information ➤

Inter-campus exchange

University of Nottingham Malaysia

Eligibility

BSc/MSci Computer Science students and BSc/MSci Computer Science with Artificial Intelligence, apply in first-year to study abroad for autumn semester/full year/spring semester of second-year.

MSci Computer Science with an International Study Year and MSci Computer Science and Artificial Intelligence with an International Study Year, apply in second-year for a full year exchange for third year.

Minimum 55% academic average required to be considered.

University of Nottingham Ningbo China

Eligibility

BSc/MSci Computer Science students and BSc/MSci Computer Science with Artificial Intelligence, apply in first-year to study abroad for autumn semester/full year/spring semester of second-year.

MSci Computer Science with an International Study Year and MSci Computer Science and Artificial Intelligence with an International Study Year, apply in second-year for a full year exchange for third year.

Minimum 55% academic average required to be considered.

Study abroad student experience

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International exchange opportunities



International exchange partners

Partner university	City	Country	Notes
Australian National University	Canberra	Australia	65% academic average required
Monash University	Melbourne	Australia	65% academic average required
University of Toronto, Scarborough	Toronto	Canada	Not available for full year exchange Overseas exams are required for spring semester exchange
City University of Hong Kong	Hong Kong	China	Teaching is in English Overseas exams are required for spring semester exchange
The University of Hong Kong	Hong Kong	China	Teaching is in English Overseas exams are required for spring semester exchange
University College Dublin	Dublin	Republic or Ireland	Overseas exams are required for spring semester exchange
The University of Auckland	Auckland	New Zealand	65% academic average required Spring semester only

International exchange application information



International exchange

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 - International exchange
 - International exchange FAQs



International exchange is a non-compulsory, competitive programme with partners across five continents which include some of the best universities in the world. Students taking part in this exchange will experience a different teaching and learning environment and have the opportunity to take modules that might not be available at Nottingham or in the UK at all. This means you can choose to give your degree a regional focus by choosing modules that concentrate on the local area or undertaking fieldwork at unique sites in the local area, like the Great Barrier Reef in Australia.

Useful links

- [Global opportunities](#) >
- [by school](#) >
- [International](#) >

Netherlands, Spain,
Sweden and
Switzerland

Please note that some partners may not be available for exchange for a particular academic year, if this is the case it is stated in the country page, next to the university's name.

For information on which partner universities are available for your school/department, please see [Global opportunities by school](#).

Application information

- Eligibility +
- Academic information +
- How to apply +
- How much will it cost? +
- Information for nominated students +

Further information

[International exchange FAQs](#) >

[Study abroad disability information](#)

How to apply



The International exchange application closed at 3pm Friday 5 January, late submissions are not accepted.

International exchange application process

Please be aware that **McGill University** and **University of Auckland** are **1st choice** only destinations.

Step 1

Check your school/department on [Global opportunities by school](#) to see where and when you can study abroad. Attend or listen to our global opportunities presentations and sign-up for one of our Q&A sessions, details can be found on the [events page](#).

Step 2

Read the [International exchange FAQs](#)

Step 3

Speak to your school/department contact to discuss your options, a member of the [Global opportunities team](#) or attend one of our in person presentations or online Q&A sessions.

Step 4

Check your modules are available at the universities you are interested in, this is particularly important for students who have compulsory modules. Please get in contact with your school/department academic adviser for help determining what modules you should be choosing, to find the contact details of your adviser please see your [Global opportunities by school](#).

Step 5

Speak to your school/department contact to discuss your options, a member of the [Global opportunities team](#) or attend one of our in person presentations or online Q&A sessions.

Step 6

Make sure the universities and countries you are thinking of applying to are right for you, by doing your research. Consider your personal interests and what you want to get of your placement. Research the academic culture of the universities, the cost of living in the countries and the costs specific to each partner or country ie. health insurance, accommodation and visas.

If you have a physical disability, a long-term medical condition, a Specific Learning Difference (SpLD) e.g. dyslexia, dyspraxia, ADHD, a sensory impairment or mental health issues then you should read the Study



China & Malaysia Campuses

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The University of Nottingham has two campuses in China and Malaysia and offers University of Nottingham UK Campus students a unique Inter-campus exchange opportunity to apply to spend a semester, an academic year or summer school at either of our overseas campuses.

The campuses provide the opportunity to gain many of the benefits of studying abroad but have the security of studying in a familiar learning environment. You can potentially give your degree a more regional focus as modules at the campuses are not an exact replica of UK Campus modules, with some modules having local differences, but still have the same assessment methods as at the UK campus and there is no conversion of grades.

! Please be aware that study abroad options may change at any time for a number of reasons, including curriculum developments, changes to arrangements with partner universities, travel restrictions or other circumstances outside of the University's control. Every effort will be made to update this information as quickly as possible should a change occur. Please note that, in order to be accepted on to a study abroad programme, you have to achieve the relevant academic requirements as set by the University of Nottingham AND meet the selection criteria of both the University of Nottingham and the partner institution (though the partner institution is under no obligation to accept you).

Where can I study abroad?

The University of Nottingham was the first UK university to open a branch campus overseas with the opening of our Malaysia Campus in 2000, followed by our China Campus in Ningbo in 2004.



Useful links

[Inter-campus application 2024/2025](#)

[Global opportunities by school](#)

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Inter-campus exchange application 2024/25

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- Before beginning your application, you must read the following Conditions for applying section.
- It will only take a few minutes to complete the application. The application must be completed in one go as it is not possible to save your application part-way through.
- Applications for September 2023 are now closed.

Conditions for applying

Please read and check you have completed the following before starting your application:

- You have read your school/department [Global opportunities webpage](#) to check your school/department permits exchange to either the China or Malaysia Campus and you are in the appropriate year of study to apply for Inter-campus exchange as confirmed on your school/department Global opportunities webpage.
- You have researched the appropriate compulsory and/or optional modules for your proposed study abroad period at the relevant host campus.
- You have read the [Study abroad finance webpage](#) and researched an approximate budget for your proposed study abroad period.
- You have read and understood the Data Protection information below.
- Applicants who have not achieved an overall minimum of 60% academic average may not be considered unless you have official extenuating circumstances accepted by your school/department at the time of application.
- If you have a physical disability, a long-term medical condition, a Specific Learning Difference (SpLD), e.g. dyslexia, dyspraxia, ADHD, a sensory impairment or mental health issues then you should read the [Study abroad for disabled students guide](#) and you may also wish to speak with your Disability Liaison Officer in your school/department. The UK campus Disability Support team will liaise with the host campus Disability Support team as appropriate.

Please be aware that study abroad, compulsory year abroad, optional placements/internships and integrated year in

documents that you need to submit. Students who have been accepted to study onto inter-campus exchange by their school/department will be sent details of this meeting by email. You will then need to submit your supporting documents directly to your host campus.

Data protection

The University of Nottingham is registered as a data controller with the Information Commissioner's Office for the purposes of the General Data Protection Regulation (GDPR). The University is committed to ensuring that the personal data of its students is handled in accordance with the principles set out in the GDPR. The personal information you provide in relation to your exchange will be protected in accordance with the GDPR and will be used by the Study Abroad team to determine your suitability for Inter-campus exchange. Your personal information will be stored securely.

The University of Nottingham will not disclose your personal information without your consent unless the University is under a legal obligation to do so. However, should you be accepted, it will be necessary to forward the information entered on your online application to the host campus as part of the nomination process.

Should your application be approved, your name and University of Nottingham email address will also be shared with other UK Campus students approved to study at the same host campus. If you do not wish for these details to be disclosed, please contact the [Global Engagement team](#).

By completing this application it is understood that you have read this statement and agree to the use and disclosure of your personal information as described. Once you have completed your application you may update your personal information if necessary by contacting the [Global Engagement team](#).

Full details of the GDPR at the University of Nottingham can be found on the University's [GDPR overview](#). Please visit [Privacy Notices](#), which explain how we process your personal data and the rights you have with respect to your personal information. Specific information on the purposes for which we process your data and the legal bases for this is available at [Privacy information for students and applicants](#).

Begin your application by clicking 'Next page' below.

Next Page



Exchange Programs

- Two exchange programs
 - International exchange program
 - Intercampus exchange program {Malaysia & Ningbo}
 - We do not offer international summer schools
- Different application processes
- Different timings
- Different levels of success

International Exchange

- MSci CompSci IntY & MSci CompSci AI IntY students
 - Apply in Y2 to study abroad in Y3 (full year)
 - Requirement: Academic average of 60+ (65+ in some places) in Y1 + Y2 Autumn semester
 - Application: opens **Nov 2024**; deadline **Jan 2025** for study in Autumn 2025 + Spring 2026
- BSc CompSci (all programs) & Non-IntY MSci CompSci students
 - Apply in Y1 to study abroad in Y2 (Spring semester only)
 - Requirement: Academic average of 60+ (65+ in some places) in Y1 Autumn semester
 - Application: opens **Nov 2024**; deadline **Jan 2025** for study in Spring 2026

Note: We have a **10-credit single semester group project module (COMP2053)** for students going abroad for a single semester

University-wide partners

Partner university	City	Country	Notes
Australian National University	Canberra	Australia	65% academic average required
Monash University	Melbourne	Australia	65% academic average required
The University of British Columbia	Vancouver	Canada	Overseas exams are required for spring semester exchange
The University of British Columbia, Okanagan	Kelowna	Canada	Overseas exams are required for spring semester exchange
University of Toronto, Scarborough	Toronto	Canada	Overseas exams are required for spring semester exchange
City University of Hong Kong	Hong Kong	China	Teaching is in English Overseas exams are required for spring semester exchange
The University of Hong Kong	Hong Kong	China	Teaching is in English Overseas exams are required for spring semester exchange
University College Dublin	Dublin	Republic or Ireland	Overseas exams are required for spring semester exchange
The University of Auckland	Auckland	New Zealand	65% academic average required Spring semester only

Studying Abroad Module Choice and Grade Transfer Information for Outgoing CompSci Students

Last updated on 09/05/2024

Study Abroad Coordinator: Peer-Olaf Siebers (peer-olaf.siebers@nottingham.ac.uk)

Note that there is an additional resource for the university-wide exchange programme students in form of a spreadsheet, summarising rules, links, and grade transfer information for the individual host universities.

Module choice (UoN rules still apply when you are studying abroad)

- The number of credits taken at the host university must be equivalent to at least 120 UoN credits. For details see <https://www.nottingham.ac.uk/qualitymanual/2-documents/credit-and-grade-transfer-policy.pdf> page 8/9.
- Compulsory modules relevant to your course must be chosen, whenever possible
- Other modules must be in line with the UoN CompSci curriculum, whenever possible
- Students on an AI degree (BSc AI; MSci AI+) must ensure that they take all AI modules required for that degree or change to a standard CompSci degree (BSc; MSci+)
- Difficulty level for modules must be appropriate for the level of study
- Up to 20 credits can be chosen from other subject domains and other levels (e.g. introductory language classes)
- Before leaving for your exchange you must complete a Learning Agreement in consultation with me. You will be informed by the StudyAbroad team where to find it. It should be completed before your exchange period. Amendments should be recorded and signed off within 4 weeks of your arrival at your host university.
- If a compulsory module cannot be taken during the exchange (e.g. COMP3020 Professional Ethics in Computer Science), you must replace it with a module from the following year and then do the compulsory module in the following year.
 - Ideally, the replacement module should have the same number of credits as the module you cannot take. For example, COMP3020 is a 10-credit Y3 module and should be replaced by a 10-credit Y4 module. If you decide to replace it with a 20-credit module, the additional 10 credits will not be taken into account.
- For full-year modules (e.g. group project) we have 6-month versions, in case you are going abroad for 6 months.
- Modules chosen at the host university should broadly match level/content of the UoN CompSci models, as you are on a Honours degree course and the learning outcomes over the period of the exchange should broadly match with the learning outcomes of the modules you can pick in the UK. You should not pick Y4 modules for that reason (except for the Ethics swap) unless there is no other solution.

Grade transfer

- You will get a single grade for a 60-credit module or a 120-credit module, depending on if you are going abroad for 6 months or 12 months

- The grade will be the average of the transferred host university grades. Details about the transfer process can be found here: <https://www.nottingham.ac.uk/qualitymanual/2-documents/credit-and-grade-transfer-policy.pdf>
- Your individual grades are documented by the host university certificate you are going to receive at the end of your exchange
- We are happy to disclose how we have transferred your grades

Advice and answers to common questions

- There is a lot of information (including videos of information events) on the Study Abroad website. <https://www.nottingham.ac.uk/currentstudents/study-abroad/index.aspx>
- You can only choose universities that are listed on the Study Abroad website under Computer Science. <https://www.nottingham.ac.uk/currentstudents/study-abroad/global-opportunities/faculty-of-science.aspx>
- You will meet your home personal tutor (that's me) two times per semester via Teams, to make sure everything is ok. If you need help in-between, please feel free to get in touch with me by email or Teams
- The official university-wide regulations for student exchange can be found in the Quality Manual. <https://www.nottingham.ac.uk/qualitymanual/studies-away-from-university/partnerships-and-placements.aspx>. The section at the bottom of the page provides marks and credit transfer guidelines for students on study abroad placements at educational institutions
- It is recommended that you start the application preparation process as early as possible (e.g. checking out universities and considering which modules to take). You can check out the StudyAbroad website and have a look at the community page and my exchange student page
- Advice for changing the degree (adding/abandoning/replacing the international year) can be found in the Quality Manual. It is not possible to do an MSci with International Year and Year in Industry. <https://www.nottingham.ac.uk/qualitymanual/registration-and-attendance/changes-of-taught-course.aspx>
- The process of getting accepted for exchange is based on assessment of application (need to fulfil all requirements; students with high grades will be chosen first). University wide exchange applications are competitive, and decisions will be made by a committee, while intercampus exchange decision are based on a quota.
- You are allowed to submit two applications in parallel, one for the university-wide call, and one for the intercampus call. If successful in the university-wide call you must withdraw the intercampus application
- Module choices in the application are preliminary, but it is advised to check the host university's websites and provide appropriate module choices

A	E	F	G	H	I	J	K	L	M
International Exchange Rules									
Partner university	Standard credit load per semester	Minimum credit load per semester (for visa purposes)	Standard number of modules per semester	Modules from other schools counting towards your degree per year	Modules from other schools NOT counting towards your degree per year	Pass mark	Extenuating circumstances policy	Links	Re-sits available
Australian National University	24	18	4 (6 credits per module)	1 per year	1 per year	P (50%)	Yes policy in place	Special Assessment Considerations	No. In the case of extenuating circumstances
Monash University	24	18	4 (6 credits per module)	1 per year	1 per year	P (50%)	Yes policy in place. Original	Special Considerations (https://www.monash.edu/academic/assessment/special-considerations)	No. May be allowed to complete
University of Toronto, Scarborough	2.5	2.5	4-5 (module code ending Hx=)	1 per year	1 per year	D	Yes can request an extension	Petitions (https://www.arts.utoronto.ca/petitions)	No.
City University of Hong Kong	12	12	4 (3 credits per module)	1 per year	1 per year	P	Yes policy in place	Illness or other Circumstances	No. There are no re-sit examinations
The University of Hong Kong	30	24	5 (6 credits per module)	1 per year	1 per year	D	Yes for medical issues.	Support Students Disabilities	No.
University College Dublin (UCD)	30	20	6 (5 credits per module)	2 per year	1 per year	D-	Yes	Extenuating Circumstances (https://www.ucd.ie/academic/assessment/extenuating-circumstances)	Yes although not all modules are eligible for re-sit
The University of Auckland	60	60	4	1 per year	1 per year	C-	Yes. Policy (aegrotat and compassionate)	Aegrotat and compassionate	Yes for extenuating circumstances
ECTS = European Credit Transfer System									
Please note that this spreadsheet is a work in progress and is subject to change.									

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T
Compulsory Modules																			
Partner university	COMP3020 - Ethics	COMP 3006 - Software Security																	
Australian National University	Not available. Swap with Y4 module	COMP3703 - Software Security																	
Monash University	FIT1049 - IT professional practice	FIT3173 - Software Security																	
University of Toronto, Scarborough	Not available. Swap with Y4 module	CSCD27H3 - Computer and Network Security																	
City University of Hong Kong	CS2066 - IT Professionals and Society / JC2066	CS4293 - Topics in Cybersecurity (has CS3201 - Computer Networks as prerequisite!)																	
The University of Hong Kong	Not available. Swap with Y4 module	COMP3355 - Cyber Security																	
University College Dublin (UCD)	PHIL10040 - Introduction to Ethics (part of the Philosophy of Mind and Society module)	Not available. Swap with Y4 module	Do not choose COMP30940 or COMP41960 as replacement for COMP3006, as these focus on Cryptography																
The University of Auckland	COMPSCI 712 - AI Agency, Ethics and Society	COMPSCI 316 : Cyber Security																	

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U
Full details	https://www.nottingham.ac.uk/qualitymanual/2-documents/credit-and-grade-transfer-policy.pdf																			
Australian National University			Grade conversion table																	
Grading Scale	https://www.anu.edu.au/students/program-administration/assessments-exams/grading-scale		ANU				Nottingham													
Grade	Letter	Mark	Grade	Mark	Percentage	Classification														
High distinction	HD	80-100	High distinction	80-100	70+	1st														
Distinction	D	70-79	Distinction	70-79	60-69	2:1														
Credit	CR	60-69	Credit	60-69	50-59	2:2														
Pass	P	50-59	Pass	50-59	40-49	3rd														
Fail	N	<50	Fail	<50	0-39	Fail														
Monash University			Grade conversion table																	
Grading Scale	http://www.policy.monash.edu/policy-bank/academic/education/assessment/grading-scale-policy.html		Monash				Nottingham													
Grade	Letter	Mark	Grade	Mark	Percentage	Classification														
High distinction	HD	80-100	High distinction	80-100	70+	1st														
Distinction	D	70-79	Distinction	70-79	60-69	2:1														
Credit	CR	60-69	Credit	60-69	50-59	2:2														
Pass	P	50-59	Pass	50-59	40-49	3rd														
Fail	N	<50	Fail	<50	0-39	Fail														

U7UCMPSC - Part II

Compulsory - **Students must take all modules in this group.**

Code	Title	Credits	Compensatable	Taught
COMP3020	Professional Ethics in Computing	10.00	Y	Autumn UK
COMP3006	Computer Security	10.00	Y	Spring UK

Credit Total: 20

U7UCMPSC - PII - Restricted - Group 2

Students can take a maximum of 20 credits from this group

Restricted

Code	Title	Credits	Compensatable	Taught
COMP3017	Schools Experience	10.00	Y	Autumn UK
COMP3016	Industrial Experience	10.00	Y	Autumn UK
COMP3015	Development Experience	10.00	Y	Autumn UK
COMP3017	Schools Experience	10.00	Y	Spring UK
COMP3016	Industrial Experience	10.00	Y	Spring UK
COMP3015	Development Experience	10.00	Y	Spring UK

Credit Total: 60

U7UCMPSC - PII - Restricted - Group 1

Level 3 options.

Students must take a minimum of 80 and a maximum of 100 credits from this group.

Restricted

Code	Title	Credits	Compensatable	Taught
COMP3008	Knowledge Representation and Reasoning	20.00	Y	Autumn UK
COMP3012	Compilers	10.00	Y	Autumn UK
COMP3010	Collaboration and Communication Technologies	10.00	Y	Autumn UK
COMP3013	Software Quality Assurance	10.00	Y	Autumn UK
COMP3014	Collaboration and Communication Technologies Development Project	10.00	Y	Autumn UK
COMP3009	Machine Learning	20.00	Y	Autumn UK
COMP4019	Advanced Algorithms and Data Structures	10.00	Y	Autumn UK
COMP3018	Mobile Device Programming	20.00	Y	Autumn UK
COMP4032	Advanced Computer Networks	20.00	Y	Autumn UK
COMP4034	Autonomous Robotic Systems	20.00	Y	Autumn UK
COMP4040	Project in Advanced Algorithms and Data Structures	10.00	Y	Autumn UK
COMP4041	Linear and Discrete Optimization	20.00	Y	Autumn UK
COMP3074	Human-AI Interaction	20.00	Y	Autumn UK
COMP3003	Individual Dissertation	40.00	Y	Full Year UK

COMP3001	Computability	10.00	Y	Spring UK
COMP3004	Designing Intelligent Agents	20.00	Y	Spring UK
COMP3007	Computer Vision	20.00	Y	Spring UK
COMP4002	Games	20.00	Y	Spring UK
COMP3011	Computer Graphics	20.00	Y	Spring UK
COMP4030	Data Modelling and Analysis	20.00	Y	Spring UK
COMP4033	Fuzzy Logic and Fuzzy Systems	20.00	Y	Spring UK
COMP4036	Mixed Reality	20.00	Y	Spring UK
COMP4038	Simulation and Optimisation for Decision Support	20.00	Y	Spring UK
COMP3021	Fundamentals of Information Visualisation	10.00	Y	Spring UK
COMP3022	Information Visualisation Project	10.00	Y	Spring UK
COMP4074	Programs, Proofs and Types	20.00	Y	Spring UK
COMP4101	Malware Analysis	10.00	Y	Spring UK
COMP3077	Cryptography	10.00	Y	Spring UK

Credit Total: 470

Additional Course Choice:

Additional course choice should be minimum of 0 and a maximum of 20 credits from this group. For Part II, additional course choice can be a minimum of 0 credits and a maximum of 20 credits from other modules not listed in this spec, subject to the module being available to the student.

Courses Offered

COMP3271 Computer Graphics

2019-20	
Instructor(s):	Choi Loretta (Class A) No. of credit(s):6
Recommended Learning Hours:	Lecture: 34.0 Tutorial: 5.0
Pre-requisite(s):	COMP2119
Co-requisite(s):	
Mutually exclusive with:	
Remarks:	

Course Learning Outcomes

- [Computer graphics concepts]**
Be able to understand the basic concepts and apply them in analyzing and solving problems.
- [Computer graphics models]**
Be able to understand the meaning and purpose of mathematical models in computer graphics, derive parameters for such models, implement such models in software systems, and apply such models to explain real-world phenomena.
- [Computer graphics algorithms]**
Be able to disseminate and implement computer graphics algorithms, and understand their computing requirements.
- [Computer graphics tools]**
Be able to use 2D and 3D graphics libraries, such as OpenGL, in software development.

Course (Module) Catalogue (United Kingdom)

COMP3011 Computer Graphics

Academic Year: 2019

Total Credits: 20.00

Level: 3

Target Students:

Part II and III undergraduates. PGT students in the School of Computer Science and from other schools/departments within the Faculties of Science and Engineering. Also available to Erasmus students. This module is part of the Software Engineering theme in the School of Computer Science. Available to JVA/Erasmus students.

Summary Of Content:

You will learn the principles of 3D computer graphics, focusing on modelling and viewing objects/scene in a three-dimensional (3D) world on the computer, rendering the objects/scene to give it realism, and projecting objects/scene onto 2D display in analogy to your taking a photo of a 3D world using a camera. Through weekly lectures and laboratory sessions, you will explore various computer graphics techniques and develop your OpenGL programming skills required for 3D computer graphics. The module demonstrates the benefits of linking theory and practice.

Learning Agreement

Proposed programme of study

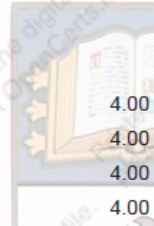
Module Code	Module Title	Credits at partner	Nottingham Module to be replaced (if appropriate)	Module credits to be transferred back to Nottingham Confirm credit amount
COMP3271	Computer Graphics	6	COMP3011	20
COMP3314	Machine Learning	6	COMP3009	20
COMP3355	Cyber Security	6	COMP3006	10
CCST9027	The Science of Irrational Thinking	6	N/A	N/A
CCHU9081	Urban Legend: Fact, Myth and Reinterpretation	6	N/A	N/A
COMP3317	Computer Vision	6	COMP3007	20
COMP3357	Cryptography	6	COMP3077	10
COMP3356	Robotics	6	COMP4034	20
COMP3329	Computer Game Design and Programming	6	COMP4002	20
Total number of credits:		60		120

ACADEMIC YEAR 2019/2020 SEMESTER 1

CS2107	INTRODUCTION TO INFORMATION SECURITY	B-	4.00
CS3210	PARALLEL COMPUTING	B	4.00
CS4243	COMPUTER VISION AND PATTERN RECOGNITION	B+	4.00
CS4246	AI PLANNING AND DECISION MAKING	C	4.00

ACADEMIC YEAR 2019/2020 SEMESTER 2

CS2108	INTRODUCTION TO MEDIA COMPUTING	B	4.00
CS3211	PARALLEL AND CONCURRENT PROGRAMMING	A	4.00
CS4244	KNOWLEDGE REPRESENTATION AND REASONING	C+	4.00
IT3011	INTRODUCTION TO MACHINE LEARNING AND APPLICATIONS	B+	4.00



SUGGESTED GRADE CONVERSION FOR THE NATIONAL UNIVERSITY OF SINGAPORE

NUS Grade	NUS Grade Point	Nottingham %	Nottingham Class
A+	5.0	80+	1st
A	5.0	75-79	1st
A-	4.5	70-74	1st
B+	4.0	67-69	2:1
B	3.5	64-66	2:1
B-	3.0	60-63	2:1
C+	2.5	57-59	2:2
C	2.0	54-56	2:2
C-		50-53	3rd
D+	1.5	46-49	3rd
D	1.0	43-45	3rd
D-		40-42	3rd
F (Fail)	0	0-39	Fail

Module Title (from exchange institution)#	Semester	Level	Credit Value	Overall Mark
CS2107 Introduction To Information Security	Autumn	3	10	62
CS3210 Parallel Computing	Autumn	3	20	65
CS4243 Computer Vision And Pattern Recognition	Autumn	3	20	68
CS4246 AI Planning And Decision Making	Autumn	3	20	55
CS2108 Introduction To Media Computing	Spring	3	10	65
CS3211 Parallel And Concurrent Programming	Spring	3	20	77
CS4244 Knowledge Representation And Reasoning	Spring	4	10	58
IT3011 Introduction To Machine Learning And Applications	Spring	3	10	68

Intercampus Exchange {Malaysia & Ningbo}

- MSci CompSci IntY & MSci CompSci AI IntY students
 - Apply in Y2 to study abroad in Y3 (full year)
 - Requirement: Academic average of 55+ in Y1 + Y2 Autumn semester
 - Application: opens **Nov 2024**; deadline **Feb 2025** for study in Autumn 2025 + Spring 2026
- BSc CompSci (all programs) & Non-IntY MSci CompSci & MSci CompSci AI students
 - Apply in Y1 to study abroad in Y2 (single semester or full year)
 - Requirement: Academic average of 55+ in Y1 Autumn semester
 - Application: opens **Nov 2024**; deadlines **Feb 2025** for study in Autumn 2025 or full year and **Oct 2025** for study in Spring 2026

Note: We have a **10-credit single semester group project module** (COMP2053) for students going abroad for a single semester

Exchange Program Overview

	Abroad Year	International			Intercampus-Ningbo			Intercampus-Malaysia		
		Autumn	Spring	Full	Autumn	Spring	Full	Autumn	Spring	Full
BSc CompSci Y2	2		x		x	x	x	x	x	x
BSc CompSci AI Y2	2		x		x	x	x	x	x	x
BSc CompSci Y in Ind Y2	2		x		x	x	x	x	x	x
MSci CompSci	2		x		x	x	x	x	x	x
MSci CompSci AI	2		x		x	x	x	x	x	x
MSci CompSci Y Ind	2		x		x	x	x	x	x	x
MSci CompSci IntY	3			x			x			x



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- [Contacts](#)
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- [Outgoing students 2022-23](#)
- [Outgoing students 2023-24](#)
- ▾ [Important documents](#)
- [Allocation Briefing 2023-24](#)
- [Student agreement and cod...](#)
- [Partner University credit loads](#)
- [Learning agreements](#)
- ▾ [Student Finance](#)
- [Budgeting For Your Time A...](#)
- ▾ [Pre-departure information](#)

2023-24 Study Abroad Outgoing Students University-wide (Global Engagement) (UNUK) (22-23)

[Module](#) [Grades](#) [Accessibility information](#)

▾ Introduction [Collapse all](#)



Congratulations on being accepted to study abroad through the University-wide programme 2023/24!

The resources on this page will assist you with your preparations to study abroad through the university-wide exchange programme, including information on the application process to your host university, immigration requirements, accommodation and other useful information.

The page is organised into sections for each country and within these sections there is information for each partner university, including partner checklists.

The information on this page has been updated for 2023/24 but to ensure the most up to date immigration information you should always review the webpages of your host university and the relevant immigration authorities directly.

Any queries can be referred to studyabroad@nottingham.ac.uk

General Data Protection Regulation - GDPR

In order to facilitate your exchange as part of the University-wide programme, your personal details including your name, date of birth, nationality, email address, transcript, and intended area(s) of study may be disclosed to your allocated host university as part of the nomination process. You may also be required to provide the partner with other personal details as part of the application. If you have any concerns about the security of your data at your host university we encourage you to research the data laws of the country you will be entering.



[Announcements](#)





- ✕
- ✕ [Get Help - Services for S...](#)
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 - [Text and media area](#)
- ✕ [Get Help - School Staff w...](#)
- ✕ [Get Help - Reps, Mentors...](#)
 - [CS Learning Community E...](#)
 - [SocietiesLink to CompSoc ...](#)
 - [Student Union and Societie...](#)
- ✕ [Get Help - Careers Advic...](#)
 - [Computer Science Careers...](#)
 - [Careers and Employability...](#)
 - [Careers drop-insWe hold w...](#)
- ✕ [Get Help - Local IT Support](#)
 - [CS IT System Documentati...](#)
 - [Disability Support Room/De...](#)
- ✕ [Degrees - Study Abroad](#)

▼ Degrees - Study Abroad

If you are interested in studying overseas, do have a look at the Computer Science Study Abroad fact sheet [\[link\]](#) (please select the Computer Science drop down).

In brief, there are two ways Computer Science students can study abroad

- All undergraduates can take a semester (and also a full year for inter-campus exchange) abroad in the second year. You should apply before the end of your **first semester in your first year** for this option.
- Students who are enrolled on the specific International Study Year MSci course will spend a year abroad, this will count as your third year of study. You can transfer on and off this course throughout your first two years. Applications should be submitted by the end of the **first semester in your second year**.


More details can be found in the [CompSci Study Abroad Introduction for Y1 students \[recording\]](#) (Sep 2023), [\[slides\]](#) (Sep 2023), and the [Study Abroad Website](#).


A summary of **rules and additional information for each of the potential host universities** participating in the university-wide exchange programme can be found [here](#).

If you need further academic guidance (e.g. module choices), you can contact Peer-Olaf Siebers by email: peer-olaf.siebers@nottingham.ac.uk

If you need further administrative guidance (e.g. finance), you can contact the Study Abroad team by email: studyabroad@nottingham.ac.uk

If you want to transfer to another course/plan, you find guidance and the required form in the Quality Manual's [Changes of Taught Courses](#) section.

 [Study Abroad - CS link](#)

 [Study Abroad - UoN link](#)

 [What Will You Experience in Ningbo?](#) 



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Are you interested in studying abroad, do you want to find out more about where you can go and how to apply? Would you like to talk to an advisor one-to-one about your options?

Throughout the autumn semester we will be providing a range of different activities to showcase the many different global opportunities available to Nottingham students. These will be publicised through our social media channels and on this page, so please ensure you follow our facebook and instagram pages so you can keep up to date with the latest news.

Things to Consider

- Start your application early - no application reminders
 - Use Study Abroad website for application
- Apply for both International and Intercampus Exchange Programs
- Check out Study Abroad events (some are recorded)
 - <https://www.nottingham.ac.uk/currentstudents/study-abroad/events/events.aspx>
 - On the events, talk to students who have been abroad
- Have a contingency plan (e.g. if travel is not possible)
- Do the background research
 - <https://www.nottingham.ac.uk/currentstudents/study-abroad/index.aspx>

Questions & Answers

- **Is it more expensive to study abroad?** It does not need to be! You pay UoN fees; added costs of flights; cost of living > check the study abroad website
- **How to change course to study abroad?** If you meet the requirements (e.g. 55+/60+/65+ hurdle) you can contact Student Services and ask them to change it for you > change from BSc to MSci with International Year
- **Does the university help with language barriers?** Teaching is in English; it's your responsibility to take some language courses to survive outside the university; ask Study Abroad Team if they have recommendations for courses or provide financial support for this

Questions & Answers

- Does the partner university decide who comes or does UoN make the choice who goes?
 - International program: Study Abroad Team makes the decision (perhaps together with the partner university > not sure)
 - Intercampus program: I make the decision together with the Director of Teaching in Malaysia/China
- If the university does not teach in English ...? All partner universities teach in English, and you can only study abroad at CompSci partner institutions
- Can I do the international exchange program as BSc? No, you need to be on the MSci with International Year; you can change your program of study easily
- MSci goes abroad for a full year, but is there a way to go to a university that only offers spring semester exchange? No!

Questions & Answers

- **If I only want to study one semester abroad do I need to change my course to MSci with International Year?** International program requires MSci; otherwise BSc or MSci work, but not MSci with International Year
- **When do we hear if we are going?**
 - International program: Beginning of March 2024
 - Intercampus program: Beginning of March 2024
 - You can always withdraw from a program if you are successful in your more favourable one
- **Do we study the same modules than students in the UK?** No, but we make sure they are equivalent; you study broadly the same curriculum; you have to choose the equivalent modules at the host institution; I will approve your module choices before you go; we will check that you have selected modules that fulfil these requirements

Questions & Answers

- **Can you study MSci with International Year and Year in Industry?** No! But you can choose an international placement for your year in industry or do an intercampus exchange in Y2 and your Year in Industry in Y3.
- **Can I use MSci with Year in Industry as a backup plan?** Might be issues with timing > best to ask Kristian Spoerer (pszks@exmail.nottingham.ac.uk)

Any more questions?

Don't forget to check the Study Abroad website and the Community Page!

<https://www.nottingham.ac.uk/currentstudents/study-abroad/index.aspx>

<https://moodle.nottingham.ac.uk/course/view.php?id=118881>