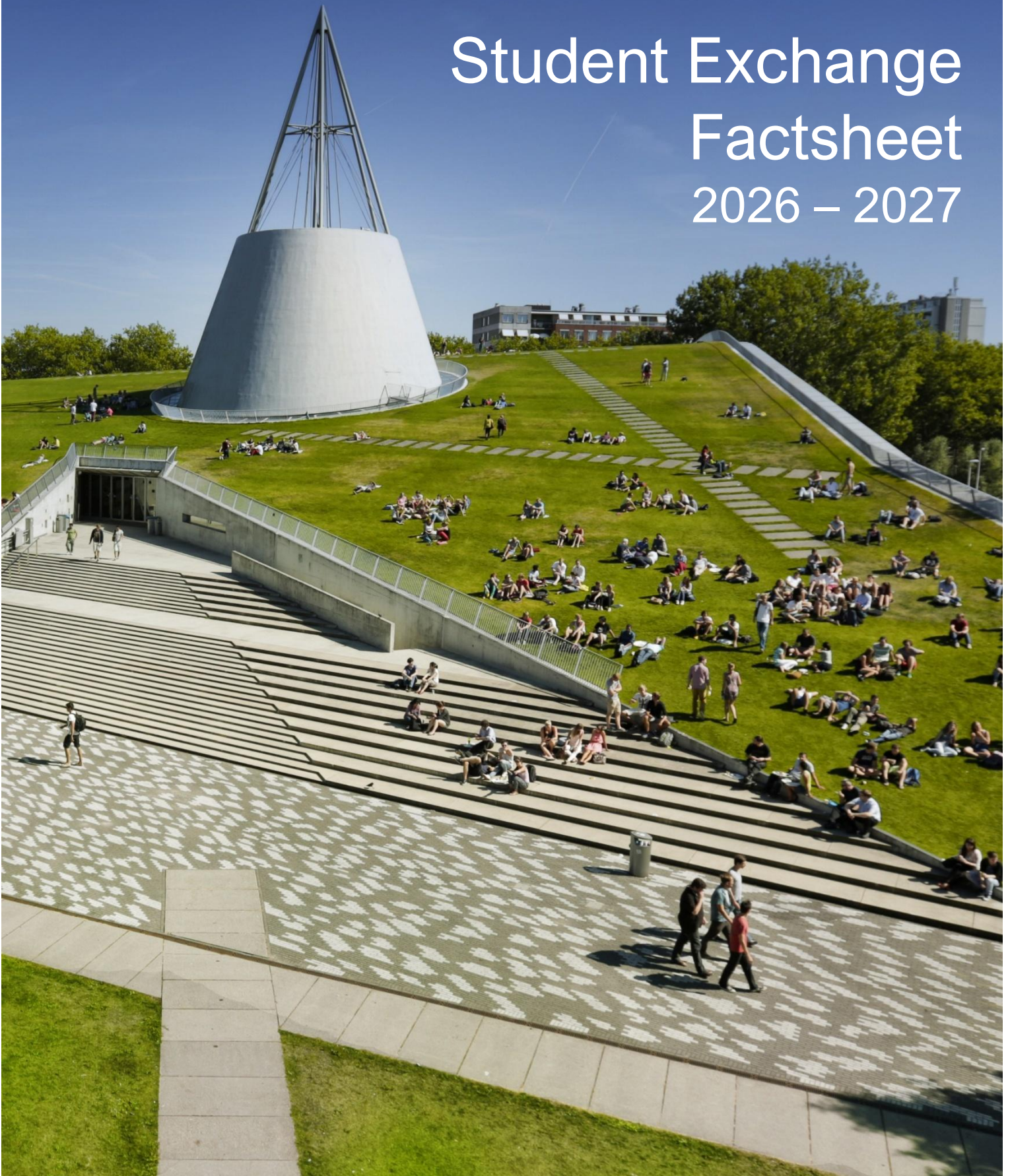


Student Exchange Factsheet 2026 – 2027



INSTITUTION & CONTACT DETAILS	3
INSTITUTION OVERVIEW	3
EXCHANGE AND MOBILITY TEAM - CONTACT DETAILS	3
FACULTY EXCHANGE COORDINATORS - CONTACT DETAILS.....	3
ACADEMIC CALENDAR	4
OFFICIAL DATES	4
STUDY PERIODS (FALL & SPRING).....	4
NATIONAL HOLIDAYS.....	4
APPLICATION INFORMATION	5
NOMINATION DEADLINE.....	5
APPLICATION DEADLINE.....	5
APPLICATION PROCEDURE	5
ENGLISH LANGUAGE REQUIREMENTS	5
STUDENTS CANCELLING THEIR EXCHANGE PROGRAMME	5
CREDITS (EUROPEAN CREDIT TRANSFER SYSTEM).....	6
EXCHANGE COURSES.....	6
COURSE SELECTION RESTRICTIONS.....	6
GRADING TABLES	6
PRACTICAL INFORMATION	7
VISA/RESIDENCE PERMIT	7
ACCOMMODATION	7
INSURANCE	8
BEFORE THE START – GET PREPARED!	8
INTRODUCTION PROGRAMME.....	8
TRAVELLING TO DELFT.....	8
DUTCH LANGUAGE COURSES.....	9
PROMOTION OF HOME UNIVERSITY.....	9
STUDENT LIFE & SUPPORT SERVICES	9
STUDENT SUPPORT	9
STUDENT VOLUNTEER WORK DELFT	9
TU DELFT COMMUNITY INITIATIVES.....	10
BEFORE THE EXCHANGE ENDS	10
GRADE TRANSFER	10
DEPARTURE CHECKLIST.....	10
FACTS & FIGURES	11

Institution & Contact details

Institution Overview

Institute	Delft University of Technology
Address	Building 30a, Jaffalaan 9a (entrance on Mekelweg) 2628 BX Delft
Head of Institute	Prof.dr.ir. Hester Bijl
Institutional Erasmus+ Coordinator and responsible for student exchange agreements at institutional level	Ms Gerdien de Graaf
Erasmus+ ID Code	NL DELFT01
Erasmus+ OID	E10209395
Website	www.tudelft.nl
Incoming exchange website – programme information	Exchange students
Incoming exchange website – application information	Nomination and Application

Exchange and Mobility Team - Contact details

Process Manager Mobility	Ms Gerdien de Graaf
Process Administrator	Mr Quentin Siberie
Student Exchange Officer/ Athens Coordinator	Mr Ismail Yetim
Student Exchange Officer	Ms Melanie Kraan-Cook
Student Exchange Officer	Ms Judith Koudijs
Student Exchange Officer	Ms Daniela Almgard
Email	Outgoingglobal-esa@tudelft.nl

Faculty exchange coordinators - Contact details

Aerospace Engineering	Ms Elize van Dijk	Exchange-ae@tudelft.nl
Architecture and the Built Environment	Ms Marion Faludi	Exchange-bk@tudelft.nl
Applied Sciences	Ms Els Jacobs	Internationaloffice-tnw@tudelft.nl
Civil Engineering & Geosciences	Ms Suzanne Wevers-de Koning	Exchange-citg@tudelft.nl
Electrical Engineering, Mathematics, and Computer Science	Ms Rianne Smits	Exchange-eemcs@tudelft.nl
Industrial Design Engineering	Ms Roos Oorlog	Internationaloffice-ide@tudelft.nl
Mechanical Engineering	Ms Sara van Dalen	Internationaloffice-me@tudelft.nl
Technology, Policy & Management	Ms Marlies Alma	Internationaloffice-tbm@tudelft.nl

Academic Calendar

Official dates

The Academic (Special) Calendar can be found [here](#).

1 st Semester	31 August – 29 January 2027
1 st period	31 August – 6 November
2 nd period	9 November – 29 January

2 nd Semester	8 February 2027 – 27 August 2027
3 rd period	8 February – 16 April
4 th period	19 April – 27 August

Study periods (Fall & Spring)

Students can only take their examinations/resits within their period of enrolment.
No assignments/project work may be submitted after this period of enrolment.

Study period 1	1 September 2026 - 30 October 2026
Examinations	2 November - 6 November
Study period 2	9 November 2026 - 22 January 2027
Examinations	25 January – 29 January
Study period 3	8 February 2027 – 9 April 2027
Examinations	12 April - 16 April
Study period 4	19 April 2027 - 18 June 2027
Examinations	21 June - 25 June
Summer Period	28 June – 27 August 2027

National Holidays

Christmas Holiday	25 - 26 December
New Year's Day	1 January
Easter	26 - 29 April
King's Day (Koningsdag)	27 April
Ascension Day	6 May
Whit/Pentecost Days	17 May

Application Information

Nomination Deadline

Partner universities will receive the nomination form before the nomination period opens, if another alternative arrangement has not been made. We can only accept nominations to the specific exchange study programme(s) included in the student exchange agreement. Please check the agreement or contact the mobility team.	
Fall Semester	
Opens 1 February	Closes 15 March
Spring Semester	
Opens 1 August	Closes 15 September

Application Deadline

Applications can still be submitted if a student has not been nominated by their home university. Preferably we would like to have students nominated. Applications submitted after the application deadline will not be processed.	
Fall Semester	
Opens 1 March	Closes 1 April
Spring Semester	
Opens 1 September	Closes 1 October

Application procedure

Exchange students can apply to TU Delft if there is an agreement between TU Delft and their home university, and the number of student places have not been exceeded, unless agreed in advance by both Universities. They can apply and register only <u>once</u> for an exchange programme, for a maximum of 12 months consisting of 2 semesters consecutively. A physical presence is required.	
Applications can be made through Studielink .	More information can be found here .

English Language requirements

Bsc programmes fully taught in English: Aerospace Engineering, Applied Earth Sciences, Computer Sciences and Engineering and Nanobiology. All other BSc programmes are taught in Dutch (some faculties do have a limited number of English taught courses). All MSc programmes are fully taught in English.
More information regarding the English language requirements of exchange students can be found here

Students cancelling their exchange programme

Students who wish to cancel their exchange programme <u>before</u> the semester start date must follow the steps 1-3.	<ol style="list-style-type: none">1. Inform their home university2. Inform the TU Delft faculty exchange coordinator3. Cancel their application in Studielink
Students who wish to leave TU Delft <u>during their exchange programme</u> must follow the steps 1-3.	<ol style="list-style-type: none">1. Inform their home university2. Inform the TU Delft faculty exchange coordinator3. Deregister in Studielink

Academic Information

Credits (European Credit Transfer System)

Students are expected to choose a course study package of between 24-30 ECTS credits with the expectation that they receive at least 20 credits at the end of their exchange period.	
60 ECTS credits = 1 study year	1 ECTS Credit = 28 hours of study (Includes: Lectures, Laboratory courses, Practical work, Assignments, Projects, Private work as well as examinations, and other assessment activities).
Choose a maximum study load of 12 – 15 ECTS credits per period	
Period 1 + Period 2	Period 3 + Period 4
Semester 1 (August – February)	Semester 2 (February – August)

Exchange Courses

All Faculties have their own course lists where you can research courses, the requirements and restrictions. After you have noted your choice of course/s from the faculty course lists, you can also find out more details about the course and which semester/period the courses will be taught in through the TU Delft Study Guide. Students are expected to choose a course study package of between 24-30 ECTS credits with the expectation that they receive at least 20 credits at the end of their exchange period.	
TU Delft Study Guide	Studyguide
Faculty Course lists	Courses

Course selection restrictions

Students must complete their exchange programme by attending classes, and all examinations/courses before the end of the exchange period. No extensions will be given to re-sit examinations physically or online. No coursework, assignments or project work may be processed for grading after the exchange period has ended.
For more specific information regarding course selection restrictions , open the Course list and Course Restrictions of your chosen faculty.

Grading tables

The Dutch grading scale, implemented from primary school through to university level, goes from 1 (very poor) to 10 (excellent). At TU Delft, final marks are rounded off to whole and half figures. A 6,0 is a pass. Although the scale runs from 1,0 to 10,0, the marks 9,0 and 9,5 are not frequently awarded and 10's are extremely rare. 'V' is sometimes awarded to indicate that the requirements have been fulfilled.	
TU Delft BSc grading	TU Delft MSc grading

Practical Information

Visa/Residence Permit

All non-EU and non-EFTA nationals need a MVV Visa to enter the Netherlands and/or a Residence Permit to be able to follow an exchange programme. If you are a non-EU/EFTA national, but you hold a valid Residence Permit for another European country in the Schengen area, you are exempt from the MVV Visa, provided that the permit is valid until the day of you receive your Dutch residence permit.

In order to apply for your MVV Visa and/or Residence Permit for Study, you need to fulfil the following conditions:

- You have been (conditionally) admitted to TU Delft as an exchange student.
- You are able to demonstrate your financial solvability to cover your living costs

To be able to demonstrate your **financial solvability** to the IND (Dutch Immigration and Naturalization Service) you will need to prove that you have sufficient financial means to live in the Netherlands during your exchange programme, this has no relation to the housing costs.

Fall Semester solvability: **€7.400**

Spring semester solvability: €8.550

Website

[VISA/Residence Permit: Non-EU/Non-EFTA nationals](#)

Accommodation

It is very difficult to find a room in Delft and its surrounding areas. This is due to a shortage of housing in the Netherlands, especially student rooms. Make sure to arrange your accommodation before arriving in the Netherlands, as you are officially required to register a valid Dutch address within 5 days after arrival in the Netherlands. Do not travel to the Netherlands if you do not have accommodation, doing so may have a negative effect on your whole exchange experience, i.e. academic outcome and possible stress.

Website

[Housing](#)

TU Delft Housing Service

TU Delft paid housing service can assist in finding accommodation but the number of available rooms is also limited to 45% of incoming exchange students.

Accommodation registration

Registering a valid Dutch address at the local municipality is a legal obligation for all who intend to stay in the Netherlands for 4 months or more, irrespective of nationality or purpose of stay. A valid and registered address allows you to obtain a BSN (Citizen Service Number), which is needed to interact with Dutch authorities and open a Dutch bank account.

Important Advice

Paying the amount listed in your finance letter as soon as possible increases your chances of getting housing through the TU Delft housing service.

Insurance

TU Delft advises all students to have sufficient medical insurance and personal liability insurance. It is a student's own responsibility to be sufficiently insured on the date of departure to travel to the Netherlands.	
Sufficient medical insurance covers medical expenses up to the Dutch cost price (in Dutch "ziekttekostenverzekering").	
The personal liability insurance is meant to insure you for damage you accidentally cause to someone else (in Dutch "aansprakelijkheidverzekering/AVP"). More information can be found via the website about insurance providers and medical care in the Netherlands. Should a student need to check if their home insurance offers enough coverage, contact can be made with International Insurances.	
Website	Healthcare- and liability insurance, and medical care

Before the start – get prepared!

Introduction Programme

TU Delft strongly advises you to participate in the introduction programmes. The Introduction Programme is designed to help give you a good start to your studies in Delft. It introduces you to the university, to life in Delft, and to the multicultural student life that awaits you. It is also a good opportunity to get to know your fellow students and make new friends. We will introduce you to the TU Delft study culture and give you a tour on TU Delft Campus. You can also find out more information about registering your stay with the municipality and opening a bank account, if necessary.	
Website	Introduction period
Fall Semester dates	Expected 16-20 August 2026
Spring Semester dates	Expected 1 st week in February 2027

Travelling to Delft

Travelling to Delft for an exchange programme can be ranging from a short journey across one border, to a 24 hour flight travelling across many time zones. The impact this has on the worldwide environment is becoming more visible by the day. TU Delft wants to reduce the negative impact of travel and keep it at a minimum level. Students are advised to travel to TU Delft, and upon their arrival in and around Delft sustainably. This means students are being advised to travel by bike, train or bus whenever possible. Below you can find some important links that can help you to travel sustainably right from the start to the very end of your time at TU Delft.	
National rail service	https://www.nsinternational.com/en
European Rail service pass	https://www.interrail.eu/en
Rail Europe	https://www.raileurope.com/en-gb/discover#trains
Europe by bus	https://www.flixbus.nl/
Carpooling	https://www.blablacar.co.uk/
Local travel	https://9292.nl/en
National Travel cards	https://www.ov-chipkaart.nl/en
Green travel tips and tricks	Green Travel

Dutch Language Courses

The Centre for Languages and Academic Skills at TU Delft offers intensive daytime and evening courses in Dutch, as a second language (NT2), both for students and employees from the Delft University of Technology (TU Delft), and for other people interested in our courses. The department is renowned for its 'Delftse methode', a special foreign or second language teaching method.

Website

[Dutch courses](#)

Promotion of Home University

Exchange students may be contacted by their faculty exchange coordinator to assist in activities promoting the students home universities and informing other students of their time spent at TU Delft. It is advised that the students discuss this with their home university before their arrival in Delft. TU Delft holds an annual Study Abroad week in October.

Student Life & Support Services

Student Support

TU Delft has facilities to assist students with learning or physical disabilities and/or limitations. There is also well-being, study support and guidance offered and exchange students can sign up for workshops and trainings to help them too. If you have a complaint about TU Delft, or a particular faculty or staff member(s), it is important to read information provided by the central complaints desk.

[Horizon](#)

[Guidance](#)

[Central Complaints Desk for students](#)

[Personal Development](#)

Student Volunteer Work Delft



The Student Volunteer Work Delft Foundation aims to promote and centralize volunteer work in Delft. In particular by connecting students and other residents of Delft through volunteer work, both with and for each other, by offering a linking platform for student and volunteer work organizations. Do you want to try your hand at one of the most fulfilling activities there is? Then join your fellow students in volunteering in and around Delft!

Website

[Delft Volunteer Foundation](#)

TU Delft Community Initiatives

We believe that it is important for incoming exchange students to integrate well into our student community. Are you looking for opportunities to connect with your peers? On this webpage you can find associations to join, or events to participate in. There are various associations that offer activities for international students, for example ESN Delft and AEGEE Delft.

Student Community	Community
	
 Goin' is the social platform to meet both new students and students already in the TU Delft community.	 Follow the introduction programme on YouTube

Before the exchange ends

Grade Transfer

Once students have completed their exchange programme and all grade have been registered in MyTUDelft, students can download their TU Delft Certified Transcript of records/Grade list via MyTUDelft. Students can send their grade list to their home university for further processing. Universities that wish to receive the transcript via TU Delft can have students request this through their TU Delft faculty's SPA administration department.

Statements	MyTUDelft
------------	---------------------------

Departure Checklist

Here are a few tips to help you prepare for leaving TU Delft to return home to your own University. A good moment to reflect on your experience.

1.	Return books to the Library
2.	Settle any remaining bills, direct debits and close local bank account, if applicable.
3.	Return your room to its expected condition for an inspections
4.	Deregister from the Municipality
5.	Organise your credit transfer – awarded grades in MyTUDelft
6.	Complete any evaluations
7.	Update your CV, social media and prepare for reverse culture shock
8.	Take a moment to say goodbye to your new international friends, and remember to exchange contact details so you can stay in touch!

Facts & Figures

644

Incoming exchange
students

8

Faculties

26.505

Students

100+
Nationalities

35%
International Students

16
BSc programmes

30+
MSc programmes



Academic Year 2026-2027

Electrical Engineering, Mathematics & Computer Science

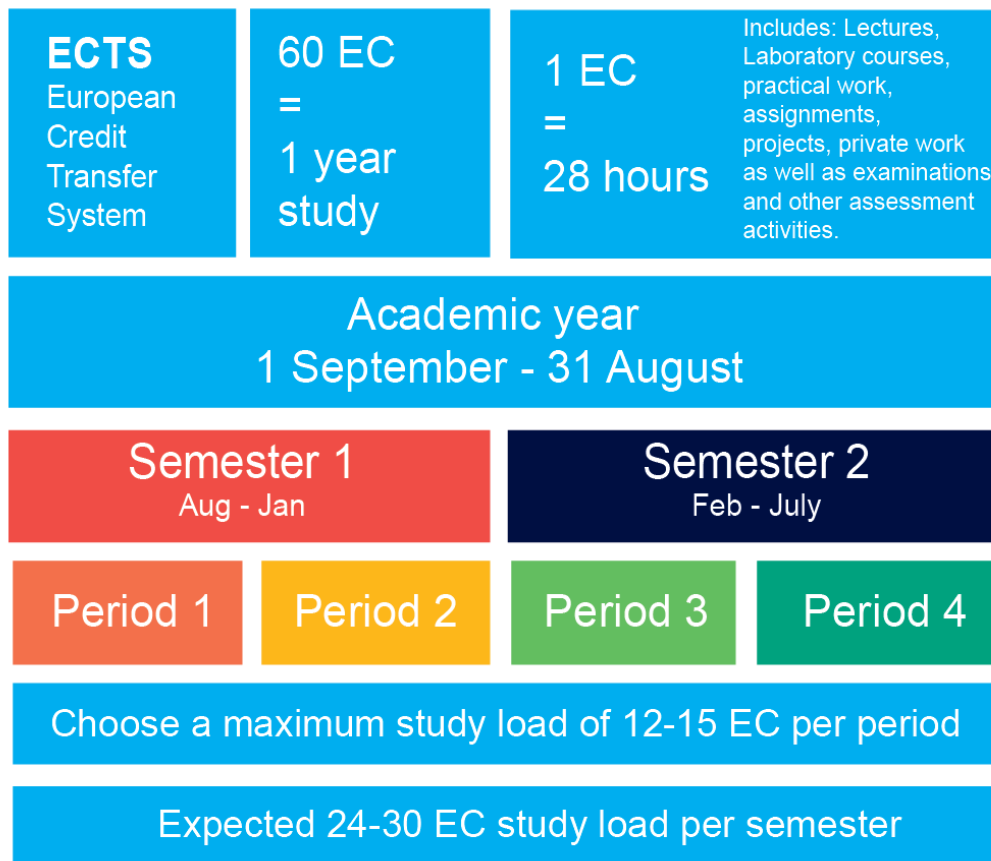
Exchange courses



TU Delft

Course selection guidelines

The table below shows how the academic year is divided and what is expected of you from each semester and/or period. With the details below of how many EC you are expected to obtain, you will be able to make a study plan that will need to be approved by your home university and TU Delft.



Things to consider when you choose your courses

1. Will you be staying for 1 or 2 semesters? This will affect the number of EC you need to choose.
2. You must take a course load equal to 24-30 EC per semester, 12-15 EC per period.
3. More detailed information about the courses can be found via the [study guide](#). Guidelines on how to use it can be found [here](#).
4. Changes to your course plan after your arrival still need to meet the above requirements.
5. Carefully consider your course workload (minimum 24 EC), and the manageability of it. Students are not permitted to re-sit exams after the end of the official exchange period. Alternative course/s will need to be taken at your home university when you return.
6. We advise students to take most of the courses at the faculty of EEMCS as it increases the chance of getting accepted and reduces the chance of schedule clashes.
7. Maximum 30% of the credits can be taken at other faculties (except at the faculties of Industrial Design and Architecture and the Build environment). There are restrictions for courses from other faculties. Courses from the faculty of Aerospace are mostly not accepted. You can read more information on the [website](#).
8. Always check the study guide well in advance for the prerequisites. Changes in courses always need to be requested before the period starts!

EEMCS

BSc courses

This document contains an overview of all English taught BSc courses at EEMCS available to exchange students. **BSc courses not listed on this list are not available!**

! It is your responsibility to check the pre required knowledge indicated in the Study Guide.

All students who come to TU Delft during their BSc programme or in the first 3 years of their academic career, can only follow BSc courses. You can either choose courses from the regular curriculum or follow a complete minor mentioned below. A minor is a well-rounded package of courses on one main topic. Individual courses from a minor cannot be followed separately unless they are mentioned in the normal subject list. Exchange students can only enrol for one of the minors below through the International Office of EEMCS.

BSc Minors

Only available in the Fall semester (period 1 and 2)

You can only follow the complete minor, courses of the minor are not available separately.

MSc courses

You can follow MSc courses if you are a MSc student or at least in the 6th or 7th semester of your undergraduate study. We do recommend that you are at least in the 7th semester. Check the restriction information below per MSc programme.

Content

Minors

Minor Digital Energy Systems.....	4
Minor Finance.....	4
Minor Computational Science and Engineering	4
Minor Computer Science	4
Minor Engineering with AI.....	4

Bachelor courses

BSc Applied Mathematics.....	5
BSc Computer Science & Engineering	6
BSc Electrical Engineering	7

Master courses

MSc Applied Mathematics (AM).....	8
MSc Computer Science (CS) & MSc Data Science and Artificial Intelligence Technology (DSAIT)	9
MSc Computer and Embedded Systems Engineering (CESE)	10
MSc Electrical Engineering (EE).....	11
MSc Sustainable Energy Technology (SET).....	13

Minor Digital Energy Systems

<https://www.tudelft.nl/en/eemcs/study/minors/digital-energy-systems>

Minor Finance

<https://www.tudelft.nl/en/eemcs/study/minors/finance/>

Minor Computational Science and Engineering

<https://www.tudelft.nl/en/eemcs/study/minors/computational-science-and-engineering/>

Minor Computer Science

<https://www.tudelft.nl/en/eemcs/study/minors/computer-science>

Minor Engineering with AI

<https://www.tudelft.nl/ewi/studeren/minoren/engineering-with-ai>

BSc Applied Mathematics

The BSc AM is in Dutch but courses on this list can be given in English.

Course Code	Course Name	Cat.	EC	Period (Q)
	Applied Mathematics: 1st year *			
TW1-12	Calculus	BSc	5	1 (Fall)
TW1-13	Introduction to Programming	BSc	5	1 (Fall)
TW1-22	Analysis 1	BSc	5	2 (Fall)
TW1-23	Linear Algebra 1	BSc	5	2 (Fall)
TW1-31	Discrete Mathematics	BSc	5	3 (Spring)
TW1-32	Analysis 2	BSc	5	3 (Spring)
TW1-33	Linear Algebra 2	BSc	5	3 (Spring)
TW1-42	Ordinary Differential Equations	BSc	5	4 (Spring)
TW1-43	Introduction to Probability	BSc	5	4 (Spring)
	Applied Mathematics: 2nd year			
TW2-11	Introduction to Statistics	BSc	5	1 (Fall)
TW2-12	Real Analysis	BSc	5	1 (Fall)
TW2-13	Optimization	BSc	5	1 (Fall)
TW2-22	Complex Function Theory	BSc	5	2 (Fall)
TW2-23	Partial Differential Equations	BSc	5	2 (Fall)
TW2-31	Numerical Methods 1	BSc	5	3 (Spring)
TW2-32	Measure and Probability Theory	BSc	5	3 (Spring)
TW2-42	Algebra	BSc	5	4 (Spring)
	Applied Mathematics: Electives			
TW-E01	Advanced Statistics	BSc	5	3 (Spring)
TW-E02	Machine Learning	BSc	5	3 (Spring)
TW-E03	Markov Processes	BSc	5	3 (Spring)
TW-E04	Graph Theory	BSc	5	3 (Spring)
TW-E05	Inverse Problems	BSc	5	3 (Spring)
TW-E06	Mathematical Models in Biology and Physics	BSc	5	3 (Spring)
TW-E07	Advanced Numerical Methods	BSc	5	4 (Spring)
TW-E08	Fourier Analysis	BSc	5	4 (Spring)
TW-E09	History of Mathematics	BSc	5	4 (Spring)

BSc Computer Science and Engineering

Only available to BSc Computer Science students enrolled in Exchange Computer Science at our faculty.

Course Code	Course Name	Cat.	E C	Period (Q)	Old Course Code
Computer science: 1st year					
CSE11A	Reasoning & Logic	BSc	5	1 (Fall)	CSE1300
CSE11B	Introduction to Programming	BSc	5	1 (Fall)	CSE1100
CSE11C	Computer Organisation	BSc	5	1 (Fall)	CSE1400
CSE12A*	Calculus	BSc	5	2 (Fall)	CSE1200
CSE12B	Human Computer Interaction & AI-Assisted Prototyping	BSc	5	2 (Fall)	New course (not in Studyguide yet)
CSE12C	Data Management	BSc	5	2 (Fall)	New course
CSE13A*	Linear Algebra	BSc	5	3 (Spring)	CSE1205
CSE13B***	Software Design and Engineering	BSc	5	3 (Spring)	New course
CSE13C	Algorithms and Data Structures	BSc	5	3 (Spring)	CSE1305
CSE14A*	Probability Theory and Statistics	BSc	5	4 (Spring)	CSE1210
CSE14B	Computer Networks	BSc	5	4 (Spring)	CSE1405
Computer science: 2nd year					
CSE2115***	Software Engineering Methods	BSc	5	1 (Fall)	
CSE2220**	Signal Processing	BSc	5	1 (Fall)	
CSE2420	Digital Systems (limited capacity)	BSc	5	1 (Fall)	
CSE2510	Machine Learning	BSc	5	1 (Fall)	
CSE2520	Big Data Processing	BSc	5	1 (Fall)	
CSE2215	Computer Graphics	BSc	5	2 (Fall)	
CSE2225**	Image Processing	BSc	5	2 (Fall)	
CSE2310	Algorithm Design	BSc	5	2 (Fall)	
CSE2425	Embedded Software (limited capacity)	BSc	5	2 (Fall)	
CSE2525	Data Mining	BSc	5	2 (Fall)	
CSE2120	Concepts of Programming Languages	BSc	5	3 (Spring)	
CSE2230**	Multimedia Analysis	BSc	5	3 (Spring)	
CSE2315	Automata, Computability and Complexity	BSc	5	3 (Spring)	
CSE2430	Operating systems (limited capacity)	BSc	5	3 (Spring)	
CSE2530	Computational Intelligence	BSc	5	3 (Spring)	
Computer science: 3rd year					
CSE3xxx (CSE3000 - Research Project is not available)	Electives of the third year, several. As they are subject to change, please check the available 5 EC courses in the study guide (link below). You need to register for the elective courses before the deadline!	BSc	5	3 (Spring)	
CSE3xxx	https://studiegids.tudelft.nl/courses/study-guide?q=cse3&lang=en&cr_level=Bachelor&cr_course_start=3				

* Courses with * are basic mathematic courses

** Courses with ** are related to each other; knowledge of the first course is necessary to follow the second course and to follow the third you need to have prerequisites of the previous two courses.

*** Students must **not** choose both courses due to overlap in course content.

BSc Electrical Engineering

Course Code	Course Name	Cat.	EC	Period (Q)
	Electrical Engineering: 1st year			
EE1P1	Electricity & Magnetism	BSc	5	3 (Spring)
EE1E1	Electrical Energy Fundamentals	BSc	5	4 (Spring)
	Electrical Engineering: 2nd year			
EE2M1	Probability and Statistics	BSc	5	1 (Fall)
EE2C1	Transistor Circuits	BSc	5	1 (Fall)
EE2S1	Signals and Systems	BSc	5	1 (Fall)
EE2P1	Electromagnetics	BSc	5	2 (Fall)
EE2T1	Telecommunication and sensing	BSc	5	2 (Fall)
EE2S2	Systems and control	BSc	5	3 (Spring)
EE2P2	Semiconductor Physics and Devices	BSc	5	3 (Spring)
EEX01	Introduction to Machine Learning	BSc	5	3 (Spring)
EEX02	Communication Networks and Algorithms	BSc	5	3 (Spring)
EEX03	Microwave Engineering	BSc	5	3 (Spring)
EEX04	Technologies for Energy Transition	BSc	5	3 (Spring)
EE2C2	Mixed-Signal Circuits and Systems	BSc	5	4 (Spring)
	Electrical Engineering: 3rd year			
EE3S1	Signal Processing	BSc	5	3 (Spring)
EE3D1	Computer architecture and organisation	BSc	5	3 (Spring)

MSc Applied Mathematics (AM)

Course Code	Course Name	Cat	EC	Period (Q)
WI4019-SP	Nonlinear Differential Equations	MSc	6	1 & 2 (Fall)
WI4049TU	Introduction to High Performance Computing	MSc	6	1 & 2 (Fall)
WI4156TU	Game theory	MSc	6	1 & 2 (Fall)
WI4201	Scientific Computing	MSc	6	1 & 2 (Fall)
WI4203	Applied Functional Analysis	MSc	6	1 & 2 (Fall)
WI4227-14	Discrete Optimisation	MSc	6	1 & 2 (Fall)
WI4430	Martingales, Brownian Motion	MSc	6	1 & 2 (Fall)
WI4455	Statistical Inference	MSc	6	1 & 2 (Fall)
WI4465	Advanced Topics in Probability	MSc	6	1 & 2 (Fall)
WI4515	Relaxations and heuristics	MSc	6	1 & 2 (Fall)
WI4635	Linear Algebra and Optimization for Machine Learning	MSc	6	1 & 2 (Fall)
WI4645	Introduction to Quantum Information and Computing	MSc	6	1 & 2 (Fall)
WI4655	Perturbation and Variational Methods for Partial Differential Equations	MSc	6	1 & 2 (Fall)
WI4670	Extremal Combinatorics	MSc	6	1 & 2 (Fall)
WI4695	Introduction to Financial Markets	Msc	6	1 & 2 (Fall)
WI4771TU	Object Oriented Scientific Programming with C++	MSc	3	2 (Fall)
WI4260TU	Scientific Programming for Engineers	MSc	3	3 (Spring)
WI4685	Applied Dynamical Systems	Msc	6	3 & 4 (Spring)
WI4690	Computational Statistics and Machine Learning	Msc	6	3 & 4 (Spring)
WI4006-SP	Special Functions and Representation Theory	MSc	6	3 & 4 (Spring)
WI4046	Spectral Theory of Linear Operators	MSc	6	3 & 4 (Spring)
WI4079	Financial Mathematics	MSc	6	3 & 4 (Spring)
WI4138	Decision Theory/Expert Judgment	MSc	6	3 & 4 (Spring)
WI4154	Computational Finance	MSc	6	3 & 4 (Spring)
WI4204	Advanced Modelling	MSc	6	3 & 4 (Spring)
WI4205	Applied Finite Elements	MSc	6	3 & 4 (Spring)
WI4212	Advanced Numerical Methods	MSc	6	3 & 4 (Spring)
WI4224	Special Topics in Financial Engineering	MSc	6	3 & 4 (Spring)
WI4230	Time series and Extreme Value Theory	MSc	6	3 & 4 (Spring)
WI4410	Advanced Discrete Optimization	MSc	6	3 & 4 (Spring)
WI4475	Data Assimilation	MSc	6	3 & 4 (Spring)
WI4485	Harmonic Analysis	MSc	6	3 & 4 (Spring)
WI4620	Semidefinite Optimization	MSc	6	3 & 4 (Spring)
WI4650	Applied Quantum Algorithms	MSc	6	3 & 4 (Spring)
WI4665	Advanced Topics in Statistics	MSc	6	3 & 4 (Spring)
WI4770TU	Scientific Machine Learning	MSc	6	3 & 4 (Spring)
WI4505	Quantitative Risk Management	MSc	6	4 (Spring)

MSc Computer Science and MSc Data Science & Artificial Intelligence Technology

Only available to MSc CS and MSc DSAIT students enrolled in Exchange CS or DSAIT at our faculty.

Course Code	Course Name	Cat	EC	Period (Q)
CS4410	Category Theory for Programmers	MSc	5	1 (Fall)
DSAIT4300	Formal Methods for Machine Learning	MSc	5	1 (Fall)
DSAIT4305	Graph Machine Learning	MSc	5	1 (Fall)
DSAIT4310	Modelling and Data Analysis in Complex Networks	MSc	5	1 (Fall)
DSAIT4315	Performance Analysis	MSc	5	1 (Fall)
DSAIT4320	Building Serious Games	MSc	5	1 (Fall)
CS4145	Crowd Computing	MSc	5	2 (Fall)
CS4555	Compiler Construction	MSc	5	2 (Fall)
DSAIT4075	Data Visualization	MSc	5	2 (Fall)
DSAIT4090	Natural Language Processing	MSc	5	2 (Fall)
CS4535	Constraint Solving	MSc	5	3 (Spring)
CS4560	Parallel and Concurrent Programming	MSc	5	3 (Spring)
DSAIT4050	Information Retrieval	MSc	5	3 (Spring)
DSAIT4065	Conversational Agents	MSc	5	3 (Spring)
DSAIT4080	3D Visualization	MSc	5	3 (Spring)
DSAIT4095	Inclusive Speech Technology	MSc	5	3 (Spring)
DSAIT4110	Sequential Decision Making	MSc	5	3 (Spring)
CS4090	Quantum Communication and Cryptography	MSc	5	4 (Spring)
CS4205	Evolutionary Algorithms	MSc	5	4 (Spring)
CS4540	Geometric Data Processing	MSc	5	4 (Spring)
DSAIT4055	Web Science and Engineering	MSc	5	4 (Spring)
DSAIT4070	Designing Human-Centred AI Systems	MSc	5	4 (Spring)
DSAIT4085	High-Performance Analysis Systems	MSc	5	4 (Spring)
DSAIT4115	Deep Reinforcement Learning	MSc	5	4 (Spring)
DSAIT4130	3D Visual Computing	MSc	5	4 (Spring)

Other courses with a CS or DSAIT course code are **not** available to exchange students.

MSc Computer and Embedded Systems Engineering (CESE)

Course Code	Course Name	Cat	EC	Period (Q)
CESE4000	Software Fundamentals	MSc	5	1 (Fall)
CESE4005	Hardware Fundamentals	MSc	5	1 (Fall)
CESE4055	Ad hoc and Sensor Networks	MSc	5	1 (Fall)
CESE4110	Visible Light Communication & Sensing	MSc	5	1 (Fall)
CESE4130	Computer Engineering	MSc	5	1 (Fall)
CESE5030	EDA-Based VLSI System and PCB Design	MSc	5	1 (Fall)
CESE4015	Software Systems	MSc	5	2 (Fall)
CESE4035	Computer Arithmetic	MSc	5	2 (Fall)
CESE4045	High-performance data networking	MSc	5	2 (Fall)
CESE4090	Reconfigurable Computing Design	MSc	5	2 (Fall)
CESE4060	Wireless IoT and Local Area Networks	MSc	5	3 (Spring)
CESE4085	Modern Computer Architectures	MSc	5	3 (Spring)
CESE4020	Effective and Responsible Engineering	MSc	5	4 (Spring)
CESE4040	Processor Design Project	MSc	5	4 (Spring)
CESE4065	Advanced Practical I.o.T. and Seminar	MSc	5	4 (Spring)
CESE4120	Smart Phone Sensing	MSc	5	4 (Spring)
CESE5040	High-Performance and AI Architectures	MSc	5	4 (Spring)

Courses which are not available to exchange students

CESE4025	Real-time Systems	Not available for exchange students
CESE4030	Embedded Systems Laboratory	Not available for exchange students
CESE4115	Embedded Computer Architecture 2	Course given in Twente not available for exchange students

MSc Electrical Engineering (EE)

Course Code	Course Name	Cat	EC	Period (Q)
EE4780	Fundamentals of Photonic Integrated Circuits	MSc	5	1 & 2 (Fall)
EE4107	Power Systems Analysis	MSc	5	1 (Fall)
EE4790	Circuit Fundamentals	MSc	5	1 (Fall)
EE4795	Statistical Digital Signal Processing	MSc	5	1 (Fall)
EE4C05	Electromagnetics	MSc	5	1 (Fall)
EE4C06	Network Science	MSc	5	1 (Fall)
EE4C12	Machine Learning for Electrical Engineering	MSc	5	1 (Fall)
EE4C14	Electronic Device Fundamentals	MSc	5	1 (Fall)
EE4108	Transients in Power Systems	MSc	5	2 (Fall)
EE4119	Electronic Power Conversion	MSc	5	2 (Fall)
EE4510	Advanced Electromagnetics	MSc	5	2 (Fall)
EE4530	Applied Convex Optimization	MSc	5	2 (Fall)
EE4565	Propagation and Scattering of EM Waves	MSc	5	2 (Fall)
EE4800	Digital CMOS Design	MSc	5	2 (Fall)
EE4805	Analog CMOS Design	MSc	5	2 (Fall)
EE4810	Transceiver Architectures	MSc	5	2 (Fall)
EE4845	Fundamentals of Radar and Applications	MSc	5	2 (Fall)
EE4850	Estimation and Detection	MSc	5	2 (Fall)
EE4855	Microfabrication Fundamentals	MSc	5	2 (Fall)
EE4860	Sensors & Actuators	MSc	5	2 (Fall)
EE4885	Microwave Theory and Techniques	MSc	5	2 (Fall)
EE4900	Telecommunication Networks	MSc	5	2 (Fall)
EE4935	High Voltage Technology	MSc	5	2 (Fall)
EE4950	Bioelectricity and Biosensing	MSc	5	2 (Fall)
EE4965	Fundamentals of Wireless Communications	MSc	5	2 (Fall)
EE4975	Electrical Machines and Drives	MSc	5	2 (Fall)
EE4990	Energy Systems Simulation and Digital Twins	MSc	5	2 (Fall)
EE4116	Power Electronics	MSc	5	3 (Spring)
EE4595	Wavefield Imaging	MSc	5	3 (Spring)
EE4685	Bayesian Machine Learning	MSc	5	3 (Spring)
EE4725	Quasi-Optical Antennas	MSc	5	3 (Spring)
EE4785	Sensor Signal Processing & Target Tracking	MSc	5	3 (Spring)
EE4820	Data Conversion	MSc	5	3 (Spring)
EE4825	RF Building Blocks	MSc	5	3 (Spring)
EE4830	Analog Signal Processing	MSc	5	3 (Spring)
EE4865	Advanced Semiconductor Devices	MSc	5	3 (Spring)
EE4870	Microsystem Design	MSc	5	3 (Spring)
EE4910	Probabilistic Sensor Fusion	MSc	5	3 (Spring)
EE4915	Power System Protection and Grounding	MSc	5	3 (Spring)
EE4925	Intelligent Electrical Power Grids	MSc	5	3 (Spring)
EE4940	High Voltage DC	MSc	5	3 (Spring)
EE4955	Microsystems for Ultrasound Imaging and Therapy	MSc	5	3 (Spring)
EE4970	Semiconductor Devices and Circuits for Quantum	MSc	5	3 (Spring)
EE4980	Electric Vehicle and Charging Technology	MSc	5	3 (Spring)
EE4396	Mobile Networks	MSc	5	4 (Spring)
EE4540	Distributed Signal Processing	MSc	5	4 (Spring)

EE4740	Sparse Signal Processing	MSc	5	4 (Spring)
EE4775	Object Classification with Radar	MSc	5	4 (Spring)
EE4835	Power Conversion	MSc	5	4 (Spring)
EE4840	Mixed-Mode Transceivers	MSc	5	4 (Spring)
EE4875	Advanced Materials & Characterization	MSc	5	4 (Spring)
EE4880	FEM of Microelectronic Devices	MSc	5	4 (Spring)
EE4890	Terahertz Antenna Systems	MSc	5	4 (Spring)
EE4895	Network Resilience	MSc	5	4 (Spring)
EE4905	Cyber Security of Power Grids	MSc	5	4 (Spring)
EE4920	Electrical Power Systems of the Future	MSc	5	4 (Spring)
EE4930	Advanced Power Electronics	MSc	5	4 (Spring)
EE4945	High Voltage Testing and Diagnostics	MSc	5	4 (Spring)
EE4960	Microfluidics and Lab-on-a-Chip Systems	MSc	5	4 (Spring)
EE4985	Control of Electrical Drives	MSc	5	4 (Spring)
EE4996	Superconducting Quantum Sensors for Astronomy	MSc	5	4 (Spring)

Courses with different course codes

Courses with a course code which does not start with EE or ET might be available for exchange students. Please check the study guide for restrictions and prerequisite knowledge.

MSc Sustainable Energy Technology (SET)

Course Code	Course Name	Cat	EC	Period (Q)
SET3014	Renewable Energy	MSc	5	1 (Fall)
SET3055	Economics and Regulation of Sustainable Energy Systems	MSc	4	1 (Fall)
SET3061	Energy System Modelling	MSc	4	1 (Fall)
SET3090	Fossil-Free Fuel and Feedstock	MSc	4	1 (Fall)
SET3815-M	Matlab Fundamentals	MSc	2	1 (Fall)
SET3070	Thermochemistry of Biomass Conversion	MSc	4	2 (Fall)
SET3080	The Necessity of Storage Technology	MSc	4	2 (Fall)
SET3095	Electronic Power Conversion	MSc	4	2 (Fall)
SET3125	Machine Learning Workflows for Digital Energy Systems	MSc	4	2 (Fall)
SET3205	Heat Storage	MSc	4	2 (Fall)
SET3215	Heating and Cooling Sources	MSc	4	2 (Fall)
SET3065	Intelligent Electrical Power Grids	MSc	4	3 (Spring)
SET3100	Electric Vehicle & Charging Technology	MSc	4	3 (Spring)
SET3110	Energy Storage in Batteries	MSc	4	3 (Spring)
SET3120	Energy Systems Simulation and Digital Twins	MSc	4	3 (Spring)
SET3135	Fuel Cell Systems	MSc	4	3 (Spring)
SET3200	Heating and Cooling Technologies from Near-Ambient Temperature Sources	MSc	4	3 (Spring)
ET4291SET	Digital modelling of electric powertrain	MSc	4	4 (Spring)
SET3085	Hydrogen Technology	MSc	4	4 (Spring)
SET3210	Heating and Cooling Grids	MSc	4	4 (Spring)
SET3220	Heat Distribution in Buildings	MSc	4	4 (Spring)
SET3995	Direct Use of Geothermal Energy	MSc	4	4 (Spring)

Courses with different course codes

Courses with a course code which does not start with SET might be available for exchange students. Please check the study guide for restrictions and prerequisite knowledge.