

STUDY ABROAD

Faculty CEG
October 2019

 TU Delft



**Student and International Office CEG
Het Gezelschap "Practische Studie"
Mijnbouwkundige Vereniging**

Challenge the Future

1. Introduction

Every year, thousands of Dutch students leave all corners of the world for their studies. This also applies to CEG students at TU Delft. In the academic year 2018-2019, about 44 students went abroad for (a part of) their study. Some did this as an exchange student (± 50), as intern (20) or did a project abroad (160). From these numbers it seems clear that going abroad is an amazing, educational experience. But why would you actually go abroad? As it has its pros and cons.

You probably have to account for some study delay because courses may not be scheduled at the same time in the year compared to Delft due to a different begin and end of the academic year. Another thing to consider are the costs. There are scholarships that can help you pay the extra costs of the trip and stay, but these funds often do not cover all expenses. Start saving in time! It is not advisable to go abroad if you already have a lot of study delay. If you go, always make a multi-year plan for your (Master) study in time so that you get an idea of what it will cost you in time.

The CEG faculty stimulates students to go abroad. It's not just beneficial for your academic training but also for your personal development. The engineer of tomorrow is internationally oriented.

Note: from cohort 2018-2019 on you can do either a Civil Engineering Consultancy Project or Research Project or internship. If you'd like to do two out of three, you can submit a request at the Board of Examiners.

Contact

Student and International Office CEG (SIO)

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2. Exchange

When you'd like to spend part of your study program at an university abroad, you have to ask yourself where you would like to go and what you would like to do. You also have to consider if you want to go for one semester or an entire year. Most students opt for one semester abroad. But, going on exchange for an entire year has its pros. You can choose out of all the courses that are offered, instead of only half. Besides that, one can truly immerse in the academic life abroad without having the feeling of being a visitor. If you want to go on exchange, you have to start preparing at least one year in advance. There is a limited number of places per university and, moreover, the deadlines are often well ahead of the actual start of the new academic year / semester.

If you consider going abroad, you can find more information on exchange at Brightspace. Do not forget to attend the information sessions that SIO regularly organizes. At the website of the central international office one can find a lot of information about the various foreign universities and scholarships and funds that you can use. If you still have any questions, please visit the Student and International Office CEG at 2.73 during the lunch break from Monday to Friday.

Possibilities

The faculty of CEG has exchange agreements with various foreign universities. Agreements have been made concerning about, for example, exemption from tuition fees, supervision of exchange students, housing etc.

Several study programs are possible:

- The European **ERASMUS+ program**. Exchanges that take place within the framework of the ERASMUS+ program can involve a study period from 6 to 12 months. All universities that participate in this program can be found in the TU Delft Partner university application, and on the Brightspace page of SIO.
- The **IDEA league** is a collaboration with ETH Zurich, RWTH Aachen, Chalmers Goteborg and Politecnico di Milano. Within this program you will work on a brief study in the field of Energy, Environment, Health, ICT or Mobility at an IDEA league university. This is possible for bachelor- and

master students, as well as PhDs. However, you cannot take courses or lectures. More information can be found on the IDEA league website.

- The **ATHENS program** consists of short courses given each year in November and March at various European universities. These courses are suitable for third-year bachelor students and master students. During one week you follow a course on a specific topic.
- The **Global E3** program is a collaborative organization that brings together 60 technical universities that are accessible to both bachelor's and (to a lesser extent) master's students for a period of 1 semester.

More information can be found on www.studyabroad.tudelft.nl

Every faculty has its own exchange coordinators. These coordinators can tell you what requirements are set for the study program to be followed and the available universities. For CEG you can contact Maaike Kraeger-Holland and Nazli Ozdemir (room 2.73). The exchange manual is available on Brightspace.

At the faculty of CEG, all available exchange places are filled by nomination. This applies to both BSc and MSc students. Visit our Brightspace page for more information.

You must request the Examination Board CEG in writing in advance to recognize the study results obtained abroad and the corresponding credits. If you are planning to apply for a scholarship at one of TU Delft's mobility funds, please note that the application must be made in time and must be accompanied by the faculty's statement. This statement indicates how much EC the commission will award.

Registration

It is advisable to register on time at the foreign university. A year to a half year in advance is advisable (please note: the deadlines vary per university!) including the possible scholarship, housing and language course. In many exchanges, especially outside Europe, only a limited number of places are available.

The registration procedure can be found on the exchange site of the university concerned. During the exchange we ask you to regularly send an update of your experiences. If you'd like to change courses, contact the Board of Examiners in order to approve the new course package. Then pass it on directly to the Contact

Centre ESA in connection with the Erasmus + grant. To conclude, we ask you for a final report and you have to settle a few things for your scholarship. Finally, you submit a request to the Board of Examiners to have your earned points (ECTS) recorded in Osiris. This requires an official transcript from the visited university.

Contact

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www.studyabroad.citg.tudelft.nl

Brightspace: Student and International Office Civil Engineering and Geosciences

3. Internship abroad (CIE4040-09)

There is also the possibility to do your internship abroad. The big advantage is that you gain international work experience and become acquainted with a different culture. This is experienced by many students as very positive for their personal development and for their future plans and careers. Companies appreciate it when you have work experience abroad. All in all, if you want to go on an internship abroad, start looking for an internship at least half a year before departure. The duration of a foreign internship is minimum 7 weeks but usually 3 months or more and for this you will receive 10 ECTS (with sufficient results). Before starting your internship you must have completed your Bachelor in time.

Finding an internship

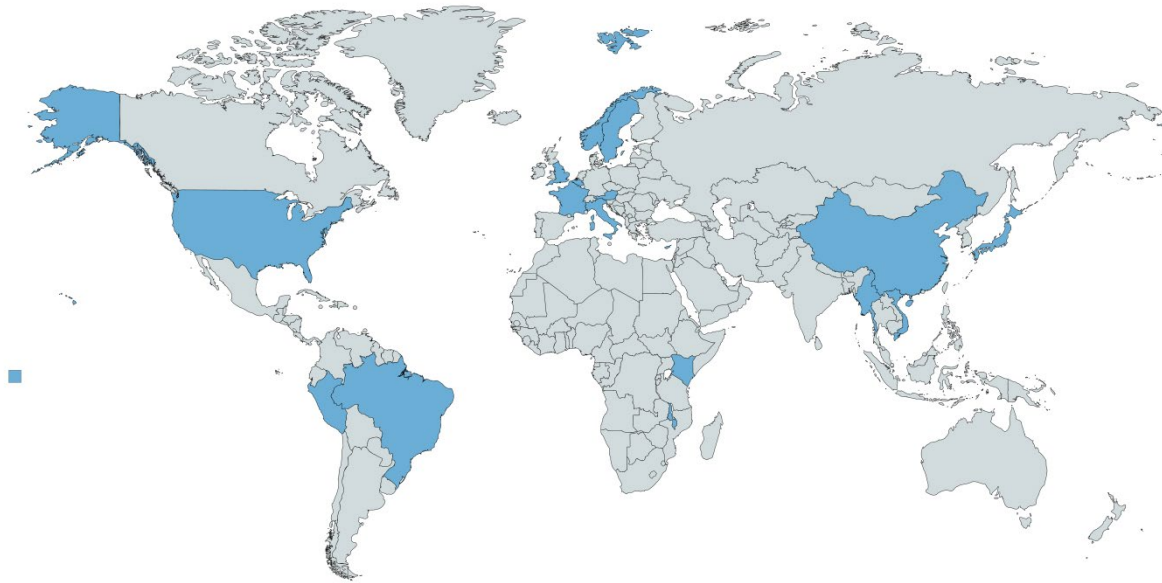
Finding an internship abroad can be done in different ways. Determine for yourself whether you want to do an internship at a Dutch company abroad, via a (foreign) NGO or at a foreign company and in which kind of project(s) you wish to be involved. The internship office has various contacts with companies and organizations that work in (distant) foreign countries. It is therefore advisable to contact the Internship Office and its Brightspace for advice and possible opportunities abroad. At the Internship Office you can see many summaries of different types of internships abroad. You can get some inspiration from all these internships. You can also find internships via your own network, via lecturers or via an open application letter to companies, which is often the easiest.

Important information

If you do an internship abroad, there are a number of things you have to do or know. This is all described in the internship manual which can be downloaded from Brightspace together with the registration form.

In the figure below you can see in which countries students of CEG have done an internship in year 18/19.

Happy internships!



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Contact

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Brightspace: CIE4040-09

4. Civil Engineering Consultancy Project (former Multidisciplinary project) (CIE4061-09)

During the Civil Engineering Consultancy project there are ample opportunities to go abroad. Doing such a project is an exceptionally educational and special experience for students. The CEC project is carried out in a group of at least 4 and at most 6 students. The project yields 10 study credits. Most projects take place abroad. Duration: minimum 8 weeks, maximum 10 weeks.

The composition of the group is multidisciplinary, which means that at least two different graduation specializations (tracks) must be represented in a group. Each participating student is in possession of her / his Bachelor's degree at the start of the project. We advise you to look for a group of at least 5 people in case someone, for whatever reason, fails.

“I can certainly recommend this foreign experience to other students. So if you ever get the chance ... I would take full advantage of the opportunity!”

- **Jorrit van den Berg**
Project in Nepal



The aim of a Civil Engineering Consultancy project is that you tackle a concrete problem from beginning to end. So start with the interpretation of the problem of the client, that translating into technical terms, try to find a solution and display the result in terms that are understandable to the client.

The following actions must be taken to participate in a Civil Engineering Consultancy project (for completeness see CIE4061-09 in the study guide and the manual on brightspace.tudelft.nl):

- Form a group of 4-6 students from different MSc programs;
- Complete the registration form (see Brightspace CIE4061-09) and send it to the course coordinator (studentoffice-esa-ceg@tudelft.nl).
- Search for a subject (possibly with the help of a lecturer at TU Delft)
- Search for supervisor (s) within TU Delft (every track provides a supervisor)
- Determine the subject and submit a plan to your supervisors
- Prepare a financial plan and submit it to your supervisors
- Send the project and financial plan to studentoffice-esa-ceg@tudelft.nl
- Arrange any vaccinations, visas and register yourself in Osiris abroad
- Visit a Safe Travel Training Session
- Maintain contact with the International Office CEG

Contact

Student and International Office CEG

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www.studyabroad.citg.tudelft.nl

Brightspace: CIE4061-09

5. Research Project (former Additional Graduation Work) (CIE5050-09)

The different master variants also offer the Research project as elective. The student works as a member of a CEG research group on a specific research task that is part of current research. This can be in collaboration with PhDs and postdocs. The research project can also be carried out in a related research group (e.g. Deltares, TNO, research laboratory).

The research project offers students the opportunity to work in a research environment, to master research techniques and to further develop scientific thinking and reasoning. It is an excellent opportunity for students to find out if they aspire a scientific career. The scope of the project must be 10 weeks long.

For more information, see the CIE5050-09 and Brightspace study guide. On Brightspace you will find a registration form that you must complete and email to the course coordinator, studentoffice-esa-ceg@tudelft.nl

Note: you may only start the Research Project if you have earned 45 EC or more

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Brightspace: CIE5050-09

6. MSc thesis (CIE5060-09)

Although it does not happen very often, it is possible to do the MSc thesis abroad. If this is the case, students usually graduate at universities or companies with whom the master track has close connections. Arranging a graduation project usually happens via the graduation professor, sometimes via the MSc (track) coordinator. The MSc thesis is always 40 study credits. For more information or opportunities, please contact your MSc (track) coordinator.

7. Joint Education (Internationale Master) programs (JEP)

Is a short period abroad not enough? Would you like to have the ultimate experience abroad and while doing so also obtain multiple diplomas? If so, consider an international Joint Education Program (JEP)!

An international JEP is a two-year MSc program that is largely followed abroad. Every semester you move to another university in another country. To top it off, you receive a diploma from every university where you have studied, if the program is successfully completed, of course.

CEG participates in two international JEPs: the European Mining Course and Applied Geophysics.

NB: both masters start in September. The application deadline is April 1st.

- **European Mining Course (EMC)** (Part of the European Mining, Minerals and Environmental Program or EMMEP) is a two-year multidisciplinary MSc-program in the field of mining. In this master you develop both hard and soft skills. As an EMC student you take courses at Aalto University (Finland), RWTH Aachen (Germany) and TU Delft. You also go on an excursion as part of the program. In a close international group you travel to the three European countries. In the last semester you choose where you'd like to do your MSc thesis. After successfully completing the master you become a member of the FEMP alumni network. For more information please visit <http://emc-master.eu>
- **IDEA League Applied Geophysics** is a program of the IDEA League consortium. This challenging program offers a combination of study and research at three renowned universities in the field of geophysics. You study at EH Zurich (Switzerland), RWTH Aachen (Germany) and TU Delft. You can choose at which university you'd like to do your MSc thesis. For more information, please visit <http://idealeague.org/geophysics/>



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8. Funding

When you decide to study abroad, one of the most important things is to start on time is to arrange how you are going to finance everything. There are several options to arrange funding. For example, the EU, governments, TU Delft and other institutions provide various scholarships. Keep in mind that you most likely need a (substantial) financial buffer provided by yourself, as funds rarely cover all expenses.

If you are temporarily studying abroad it is possible to keep your 'stufi' under certain conditions. One condition is that you are enrolled as a full-time student at TU Delft and that the exchange, project or internship abroad is part of your study program.

All students who spend at least one month abroad for study related purposes can receive a monthly remuneration instead of free public transport. For more information regarding the amount of remuneration and the conditions that apply, please visit the website of DUO.

Scholarships

If you have decided to go abroad for study related purposes and everything is approved by involved parties, you can apply for a scholarship.

- *ERASMUS+ (variants for exchange and internships/ additional thesis)*
Exchange: One of the conditions to obtain this scholarship is that the faculty and the host institution have a ERASMUS+ exchange agreement. You also have to be registered at TU Delft during the period abroad. The period abroad is at least 3 months and at most 12 months. You must also obtain at least 10 study credits for the exchange.
Internship / Additional thesis: see the specifics on the ERASMUS+ trainee scholarship.
- *STIR*
To qualify for the STIR scholarship one has to go to a non-EU university with which TU Delft has an exchange agreement on the faculty of institutional level. The amount of the STIR scholarship is determined by the TU Delft and depends on the number of candidates.

- *University Fund Study Abroad for Freemover Students*
This scholarship is for students who go abroad for study related purposes to universities with whom TU Delft does not have an exchange agreement.
- *IIF*
The International Internship Fund is a fund for TU Delft students who are going abroad for an internship to receive a compensation for travel expenses. Amount depends whether the student stays in Europe or not.

Many funds require you to hand in a report after your stay abroad, usually before a certain date. After submission, (the remainder of) the scholarship will be paid. Make sure to be on time handing in your report, as being too late might result in loss of the scholarship (or paying back the already received amount). For more information regarding funds and scholarships granted by TU Delft, please visit one of the websites mentioned below.

INFO

Student and International Office CEG

Internet: www.studyabroad.tudelft.nl
 www.beurswijzer.tudelft.nl
 www.duo.nl

9. Other matters

Housing

Always contact the exchange university well in advance about accommodation. In exchange programs, it is often possible that the exchange university arranges accommodation for incoming students. Make sure to sign up for this on time, as there might be a waiting list. There is always a possibility that the university cannot arrange accommodation for you, so always have a backup.

Osiris Abroad

If you go abroad during your study, registration in Osiris Abroad and the 'Travel Safe' training are mandatory. This because TU Delft's duty of care in the event of unexpected calamities. If you have registered and followed the training you are automatically insured for study-related activities. Make sure to read the policy as the insurance might not cover everything and an additional personal insurance is necessary. If you do not yet know the address of your accommodation, fill in the address of the institution. Please change this address when you have secured accommodation.

Language

When going abroad the chance is there that you will get into contact with foreign languages. Speaking (or somewhat mastering) the language is always convenient, and sometimes necessary for courses. Sometimes you even have to take a language test to be admitted to a foreign university. The language centre of TPM offers various courses for the English language. The language centre of the University of Leiden offers both courses and self-study material for many languages.

Insurance

It is advisable to have proper (travel) insurances, for healthcare, accidents, loss, damage or theft of your luggage for the entire duration of your stay, regardless of your destination. The travel insurance also often includes SOS coverage. Anyway, read the policy thoroughly to know what is insured and what is not, and to what extend!

Vaccinations

If you travel to foreign countries some vaccinations might be recommended. The measures depend on the nature and purpose of the trip and on previously obtained vaccinations. The Student Health Care (SGZ) is a recognized tropics / vaccination centre.

TU Delft will grant a reimbursement of €50 (only for SGZ) for recommended vaccinations for the country of the internship, exchange, project or study trip. The SGZ will deduct this compensation from the invoice. In order to use this discount you have to bring a completed vaccination statement. This form can be found on Brightspace.

Visa

For countries outside the EU you often need a visa or residence permit. Information regarding visas can be found on the website of the embassy of the country concerned. Be aware that application may take some time.

Travel advice

It is important to be aware of the current travel advice of the Ministry of Foreign Affairs. Keep a close eye on this travel advice (especially from 'risk countries') and follow them carefully. If you have any questions, you can go to the International Office CEG and the TU department of safety (tu-iv@tudelft.nl). It is recommended, and sometimes obligatory, to follow the travel safe session.

INFO

Student and International Office CEG

Internet: www.sgzopreis.nl

www.nuffic.nl

www.wilweg.nl

www.minbuza.nl

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