



EXCHANGE IN THE BACHELOR

GENERATION 2022 - BACHELOR MECHANICAL ENGINEERING

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Introduction

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Today's topics

- Exchange within the Bachelor Mechanical Engineering
- Conditions and terms
- Integration Exchange in the curriculum
- Requirements free electives abroad
- Consequences and impact Exchange
- Where can you go to?
- Support by International Office
- Roadmap
- Questions?

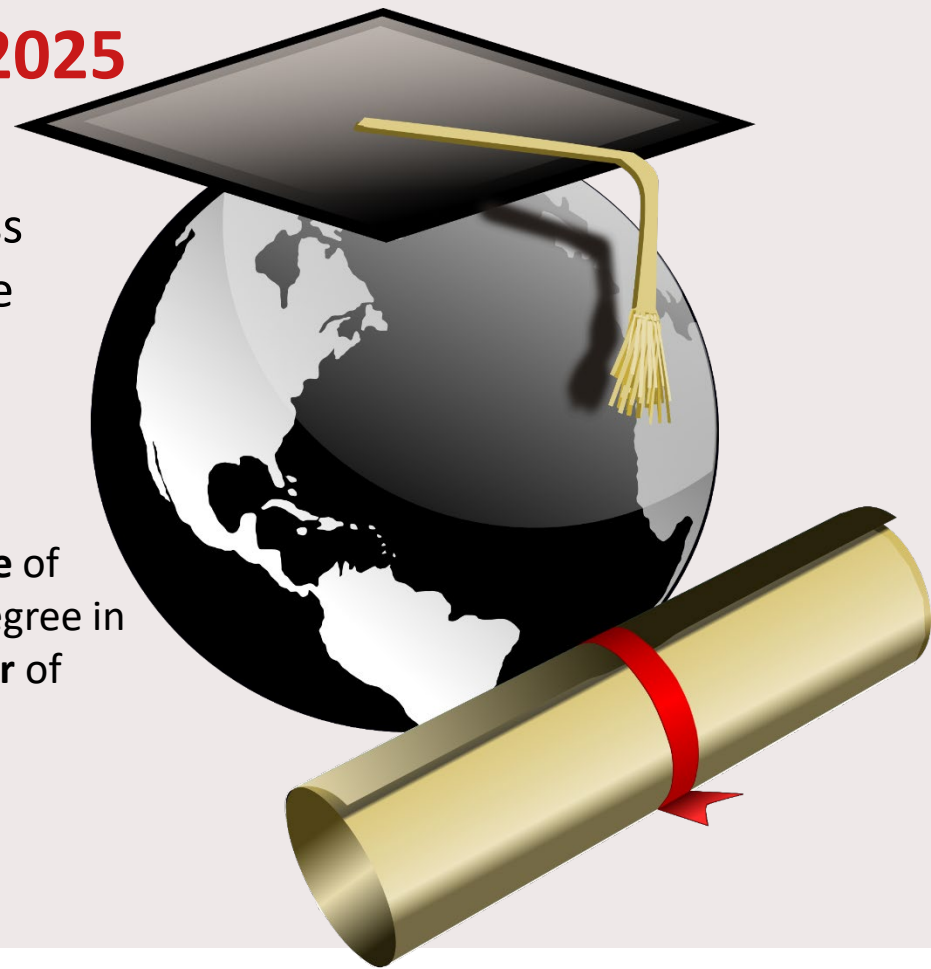
Exchange within the Bachelor Mechanical Engineering

- The goal of the elective space: deepen and/or broaden the major
 - To be attained within TU/e
 - To be achieved abroad by exchange
- Exchange in the bachelor is still an extra service we offer;
 - Only with universities that have a contract with Mechanical Engineering
 - Allowed under conditions, but not part of our policy
 - *The responsibility therefore lies with the student!*

Conditions for Exchange 2024-2025

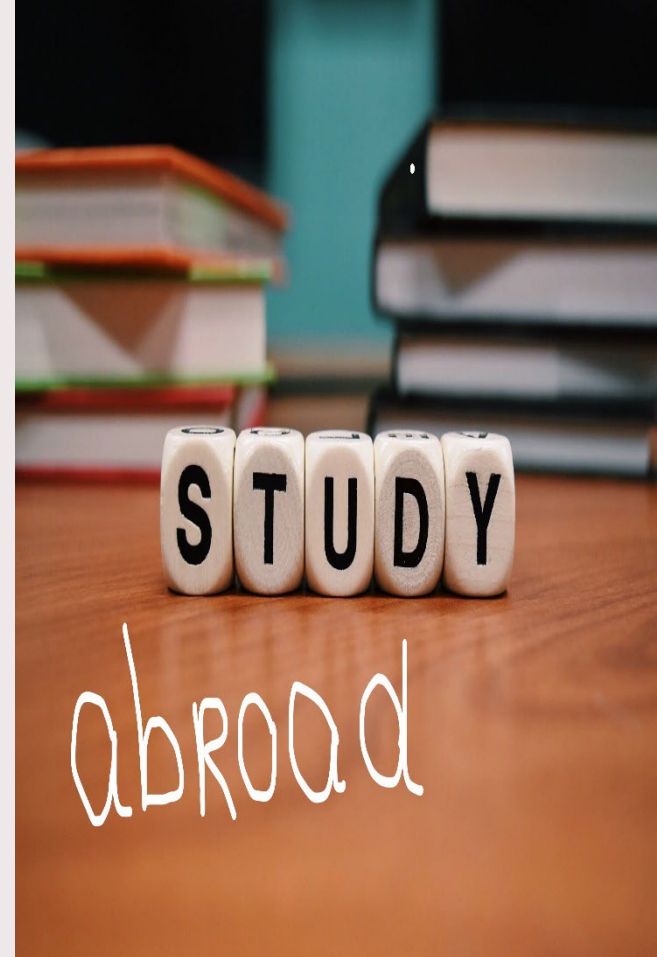
Only students with sufficient study progress are permitted to participate in an Exchange program ([OER/PER 2023-2024 BR Appendix 2.3](#)):

“Students need to have obtained **90 credits or more** of their program of examinations for the Bachelor's degree in Mechanical Engineering **after Q3 of the second year** of their registration in the program.”



Regular curriculum Bachelor ME year 3

3.1	3.2	3.3	3.4
4MC10 Computational Mechanics	4CC40 Design Principles & Analysis of prod. systems	Free elective/USE	Free elective/USE
4GC00 CBL Computer Aided Engineering	4GC10 CBL Mechanical Design project	Free elective/USE	Free elective/USE
Free elective/USE	Free elective/USE	Bachelor Final Project (BEP)	Bachelor Final Project (BEP)



Example fitting Exchange into your study program (nominal students 120 EC)

3.1	3.2	3.3	3.4
4MC10 Computational Mechanics	4CC40 Design Principles & Analysis of prod. systems	Elective Exchange	Elective Exchange
4GC00 CBL Computer Aided Engineering	4GC10 CBL Mechanical Design project	Elective Exchange	Elective Exchange
Bachelor Final Project (BEP)	Bachelor Final Project (BEP)	Elective Exchange	Elective Exchange

Attention! Starting date semester abroad | possible overlap
semester/program Exchange with TU/e

Example fitting Exchange into your study program (almost nominal students 105 SP)

3.1	3.2	3.3	3.4
4MC10 Computational Mechanics	4CC40 Design Principles & Analysis of prod. systems	Elective Exchange	Elective Exchange
4GC00 DBL Computer Aided Engineering	4GC10 DBL Mechanical Design project	Elective Exchange	Elective Exchange
Elective/major course	Elective/major course	Elective Exchange	Elective Exchange
4.1	4.2	4.3	4.4
BEP	BEP		

Requirements electives Exchange program

- Same [requirements](#) for elective space TU/e and abroad
 - Sufficient level of the courses
 - No [overlap with major courses](#) or other electives in your program
 - Recommended: coherence
- Students needs permission from Examination Committee whether courses meet the requirements of the [OER/PER](#) by [submitting elective exchange courses](#) to the Examination Committee in advance [via this template](#).



Consequences and impact Exchange

- Different culture
- Arrange everything yourself
- You're on your own, no social safety net
- Possible delay or extension of study program
- Extra costs: trip, traveling, living abroad
- Miss out on possibility re-sit exams Q2, Q3
- Move BEP
- Back in time for MAP [Master Allocation Procedure](#)
- To prevent delay, 30 credits needed, conversion not always 1 on 1
- [Impact new curriculum](#)





EXCHANGE IN THE BACHELOR

ELECTIVE SPACE ABROAD | GENERATION 2022 BACHELOR MECHANICAL ENGINEERING

Monique van de Donk, Internationalization Officer

Department Mechanical Engineering, Exchange in the Bachelor

Where can you go to?



Possibilities for Exchange

EUROPE – Germany – German language skills required

- **RWTH Aachen University, Germany**
Nomination deadline semester B: December 2024
Application deadline semester B: January 2025
4 spots per year 2 spots per semester
- **Technische Universität München (TUM), Germany**
Nomination deadline semester B: September 2024
Application deadline semester B: October 2025
2 spots per year
- **Technische Universität Hamburg-Harburg, Germany**
Nomination deadline semester B: December 2024
Application deadline semester B: January 2025
1 spot

Possibilities for Exchange

EUROPE

- **University of Zagreb, Croatia**
Nomination deadline semester B: October 2024
Application deadline semester B: November 2024
2 spots per year
- **Bilkent University, Turkey**
Nomination deadline semester B: October 2024
Application deadline semester B: November 2024
4 spots per year 2 spots per semester

Possibilities for Exchange

ASIA

- **The Hong Kong University of Science and Technology (HKUST), Hong Kong**
Nomination deadline semester B: August 2024
Application deadline semester B: September 2024
1 spot
- **National University of Singapore (NUS), Singapore**
Nomination deadline semester B: August 2024
Application deadline semester B: October 2024
3 spots

Possibilities for Exchange

Worldwide

- Mexico - Tec de Monterrey (ITESM) – courses taught in Spanish
3 spots - (2 spots other departments) – Campus various places in Mexico
- Canada - Polytechnique de Montreal – courses taught in French
No limits

Support by the International Office

- Information [Education guide](#)
- Mobility Online
- Application procedure TU/e
- Application procedure universities abroad
- Application forms
- Contactperson
- Insurance
- Scholarships/Grants

Support by the International Office

GRANTS

- **Erasmus+ Study**

University with a bilateral Erasmus+ agreement within EU/ EER –
depending on the country
(approximately 600 – 800 Euro (1 time))

- **Fund International Experience**

University without an agreement within/outside EU/ EER
(approximately 300 - 500 Euro (1 time))

What else?

- Several students interested in the same place? We select on study progress and motivation
- Language requirements
- Deadlines can change
- Spot can be taken
- At the end of your stay you will receive a Transcript of Records (TOR) from the university on site or this will be sent. You will need the TOR to receive your credits!
- No exchange possible during Bachelor?
In the Master phase there is plenty of opportunity to go for your Internship/ Graduation Project.
- Always have a back-up plan!

Roadmap

Steps	Actions	Time/ deadline
1. Seriously interested? Expect to meet the requirements?	First schedule a meeting with Heidi Keepers or Elia Beks and get clearance to go.	March - June
2. Orientation phase	After clearance, contact Monique van de Donk	March - June
3. Register in Mobility Online	Apply for courses abroad	April
4. Set up request Examination Committee + Back-up plan TU/e	Submit request before deadline Examination Committee (Asia before June) <u>No examination meeting in July!</u>	May –June- Aug
5. Approval by Examination Committee?	Nomination and application	May –June- Aug
6. Register for Bachelor Final Project (BEP)	Deadline courses + BEP registration in Q1	t.b.a. (most likely in July)
7. After Exchange	Process your TOR at CSA-ME	



Questions?

Thanks for your attention!

