



Technische  
Universität  
Braunschweig



Technische  
Universität  
München



# Study Abroad in Germany

Janika, Marcel, Lukas, Michael | November 10, 2016

# Where are we?



Braunschweig



München

# Agenda



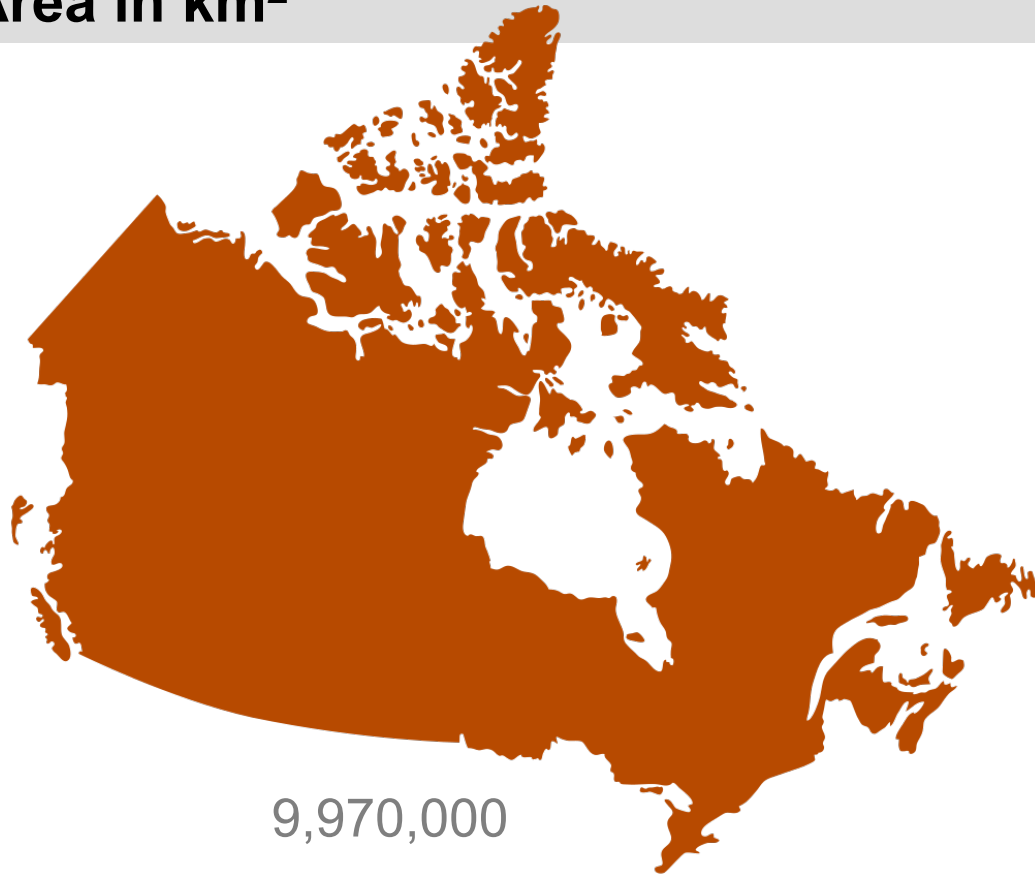
About Germany

Technical University of Braunschweig

Technical University of Munich

Your Exchange Term in Germany

# Area in km<sup>2</sup>



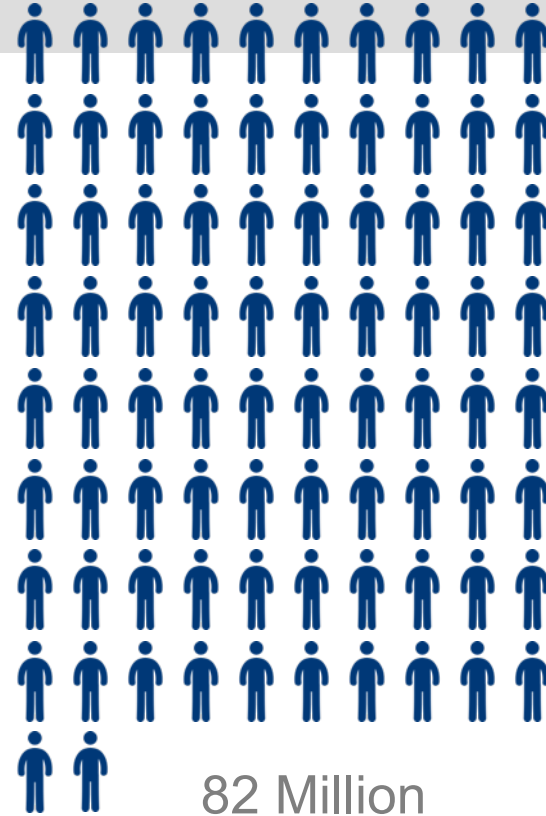
360,000



# Population



32 Million

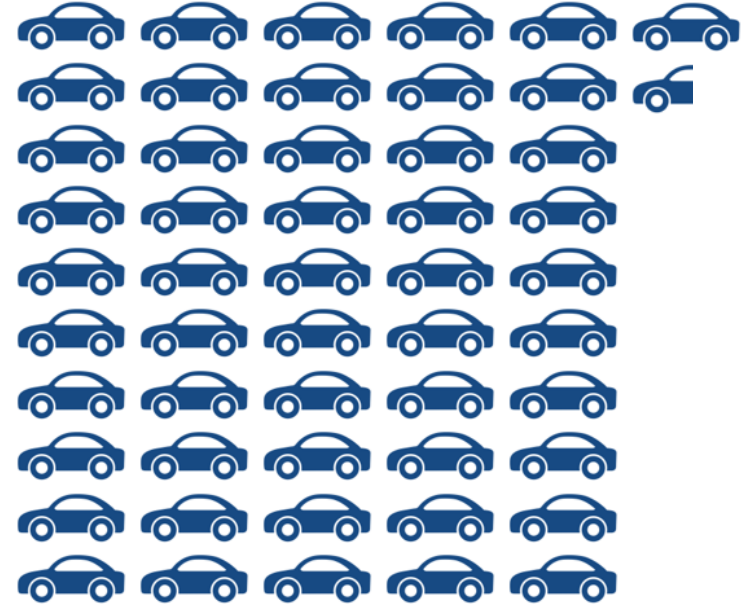


82 Million

# Cars



14.5 Million



51.5 Million

# Benefits of an Exchange to Germany

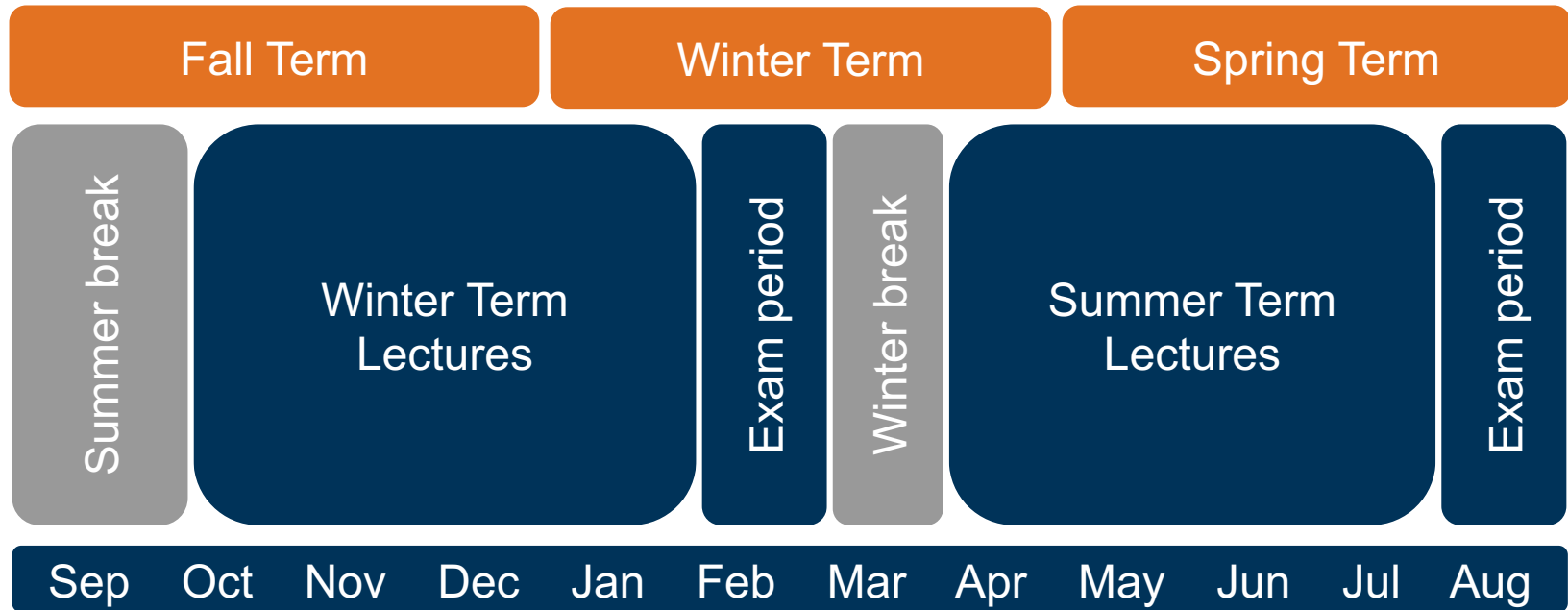
- Experience new people, cultures & countries
- Engineering “Made in Germany”
- Enhance your career opportunities
- Learn more about the academic system in Germany
- Learn a fascinating language: Deutsch!
- Explore a 3000 year-old culture



# Bachelor's and Master's in Germany



# Academic Year in Canada & Germany



# Current Exchange Programs with German Universities

- **Technical University of Braunschweig (TUBS)**
- Technical University of Hamburg-Harburg (TUHH)
- **Technical University of Munich (TUM)**
- University of Paderborn
- Rheinisch-Westfälische Technische Hochschule Aachen (RWTH)
- Karlsruhe Institute of Technology (KIT)
- Karlsruhe University of Applied Sciences (HsK)
- University of Stuttgart
- *Technical University of Vienna (TUW)*
- *Technical University of Graz (TUG)*

# Current Academic/Co-op Exchange Programs

Students from German Institutions do academic work at Waterloo and Canadian students work on co-op in Germany.

## Duale Hochschule Baden-Württemberg (DHBW)

- Can-EU Co-op (DHBW Heidenheim)
- Can-EU Co-op (DHBW Karslsruhe)
- Can-EU Co-op (DHBW Loerrach)

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# Technical University of Braunschweig

Janika Wagner, Marcel Möller | November 10, 2016

# Technical University of Braunschweig

- Oldest Technical University in Germany  
(founded in 1745)
- 19,500 students (including 2,300 internationals)
- 6 faculties
- About 70 programs
- About 400 partner universities around the world
- UW's first exchange program



# Programs in Engineering

- **Civil Engineering:**

- Civil Engineering, Industrial Engineering, Computational Science in Engineering, Environmental Engineering, Mobility and Transportation

- **Mechanical Engineering:**

- Mechanical Engineering, Industrial Engineering, Bio- , Chemical & Pharmaceutical Engineering, Automotive Engineering, Aerospace & Nautical Engineering

- **Electrical Engineering:**

- Electrical Engineering, Industrial Engineering, Computer & Communications Systems Engineering

# Life as a Braunschweiger Student

- **Accommodation:**
  - Several student residences (500-600 CAD)
  - Off-Campus (300-500 CAD)
- **Food:**
  - Mensa (3-5 CAD/Meal)
- **University Activities:**
  - Sports, Language Courses, Clubs, Communities, discount on cinema, free tickets for theatre, etc.



# Facts about Braunschweig City

- Population: 251,000
- Founded in 1142 (874 years old!)
- Beautiful historic city





# Facts about Braunschweig City

- Very good infrastructure: you can get to the most important locations very fast, but you should purchase a bike
- Many shopping opportunities
- Many green parks
- Cinema, theatre, clubs, pubs & much more!



# Braunschweig Impressions: Parks





# Braunschweig Impressions: Historic City





# Braunschweig Impressions: Culture & Events



# Braunschweig Impressions: Christmasmarket





# Braunschweig Impressions: Sports



# Braunschweig Impressions: Semesterticket



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# Braunschweig: A wonderful place for exchange

**The Technical University of Braunschweig is looking forward to welcome YOU as a  
Braunschweiger Student!**



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# Technical University of Munich

Michael Schwarz, Lukas Kompatscher | November 10, 2016



A black and white photograph showing a large group of people, mostly men in dark suits and hats, gathered in a courtyard. They are arranged in several rows, some standing on a raised platform or steps. In the background, there is a two-story building with a series of large, rectangular windows. Inside the building, people can be seen sitting at long tables. The scene appears to be a formal gathering or a group portrait. The year '1868' is overlaid in large white text in the center of the image.

1868



A wide-angle photograph of a large, modern lecture hall or auditorium. The audience, consisting of many young adults, is seated in tiered rows of light-colored wooden chairs. The hall features a high ceiling with exposed concrete beams and modern lighting fixtures, including a prominent bright spot light. The walls are made of light-colored concrete panels. The number '40,000' is overlaid in large white font across the center of the image.

40,000





24%



20

A high-angle, wide shot of a grand, ornate hall, likely a theater or ballroom, filled with people in formal attire. The room features a large blue carpeted floor, ornate wooden balconies on the sides, and a high ceiling. A large white number '20' is overlaid in the center of the image. The people are seated in rows, facing towards the center of the room. The lighting is warm and focused on the central area.





## Three Major Locations

Munich, Garching, Weihenstephan



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# Munich City Center



**Electrical and Computer Engineering**

**Civil, Geo and Environmental Engineering**

**Architecture**

**TUM School of Management**

**TUM School of Education**

**Sports and Health Sciences**

**Medicine**

# Munich City Center



**Electrical and Computer Engineering**

**Civil, Geo and Environmental Engineering**

Architecture

TUM School of Management

TUM School of Education

Sports and Health Sciences

Medicine



# Garching



**Computer Science**

**Mathematics**

**Mechanical Engineering**

**Chemistry**

**Physics**

# Garching



**Computer Science**

**Mathematics**

**Mechanical Engineering**

**Chemistry**

**Physics**



# Center of Life and Food Sciences Weihenstephan



Agricultural and Horticultural  
Sciences

Biosciences

Brewing and Food Technology

Nutrition

Forest Science and Resource  
Management

Landscape Architecture and  
Planning



## Academics

Rankings, Language, Living



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# Rankings

**QS World University Ratings 2016-2017**



**60**



**1**

**Academic Ranking of World Universities 2016**



**47**



**1**

**THE World University Rankings 2016-2017**



**46**



**3**

**THE World University Rankings 2016-2017 by Subject**



**9 (CS)**

**28 (ENG)**

# Language

## Depends on faculty

- Computer Science: Master's 100% English
- Engineering/Math: Most of the Master's lectures are in English
- Undergrads can take grad courses



Knowing German will greatly improve your experience

# Living



## Exchange students

- Guaranteed a place in Residence
- Single room with private or shared bathroom and shared kitchen

## Cost of Living

- Slightly cheaper than in Canada



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# Your Life in Munich

In der Welt zuhause, in Bayern daheim.



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# Immatrikulationsfeier





# O'zapft is – The Oktoberfest has started

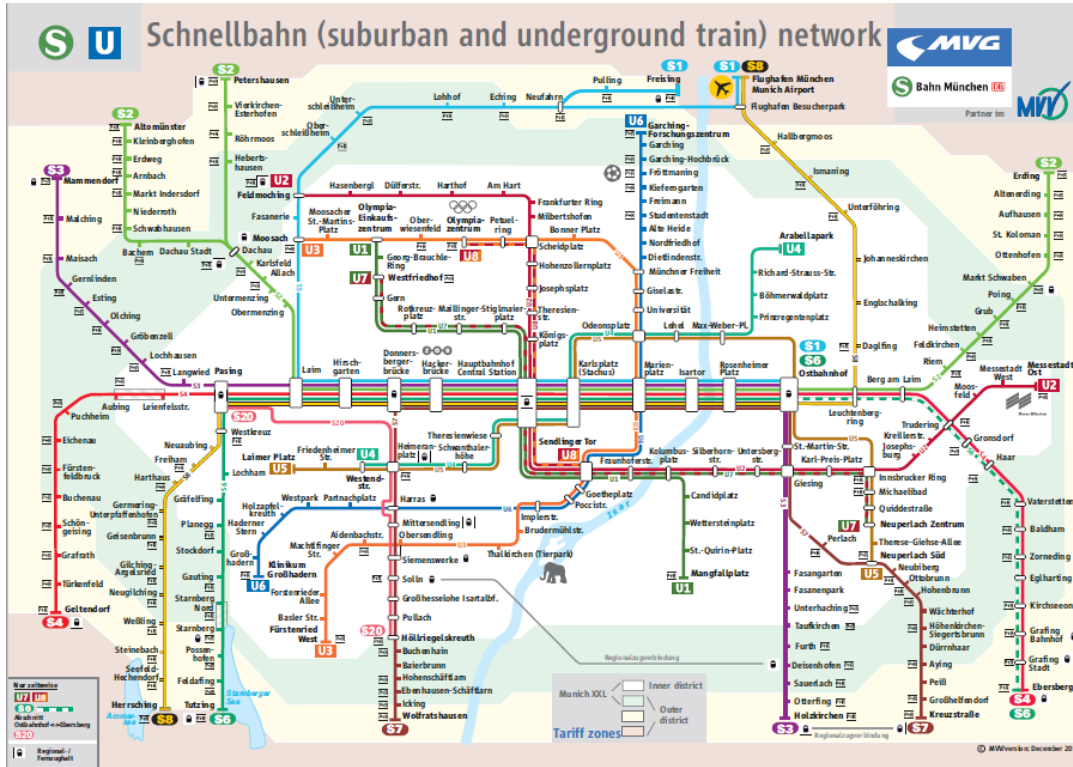


# O'zapft is – The Oktoberfest has started

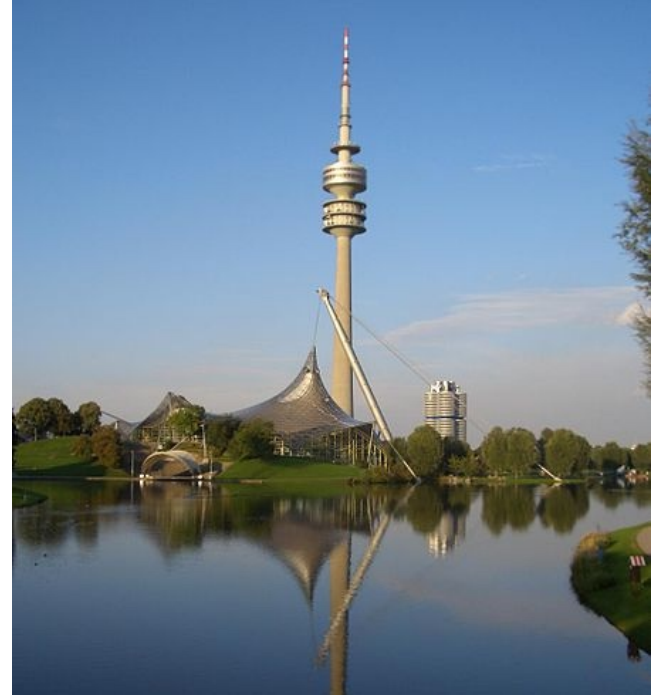




# Getting around



# Sightseeing



# Museums

Glyptothek Lenbach Haus

Museum Brandhorst

**Alte Pinakothek**

Haus der Kunst   State Museum for Egyptian Art

State Collections of Antiques

The Villa Stuck

**Deutsches Museum**

German Theatre Museum

**Neue Pinakothek**

Jewish Museum

National Bavarian Museum

National Museum of Egyptian Art

**Pinakothek der Moderne**

Schack Gallery

Treasury in the Munich Residenz

**BMW Museum**

City Museum of Munich

Siemens Forum



# Sightseeing





# Soccer



# Surroundings







# Explore Germany & Neighbouring Countries

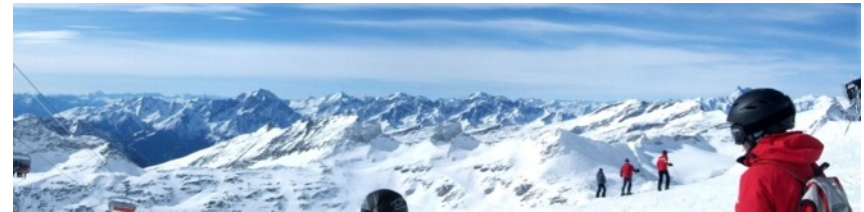
With 9 bordering countries there is loads to do

# Ich bin ein Berliner! (MUC < 600km, BS < 250km)

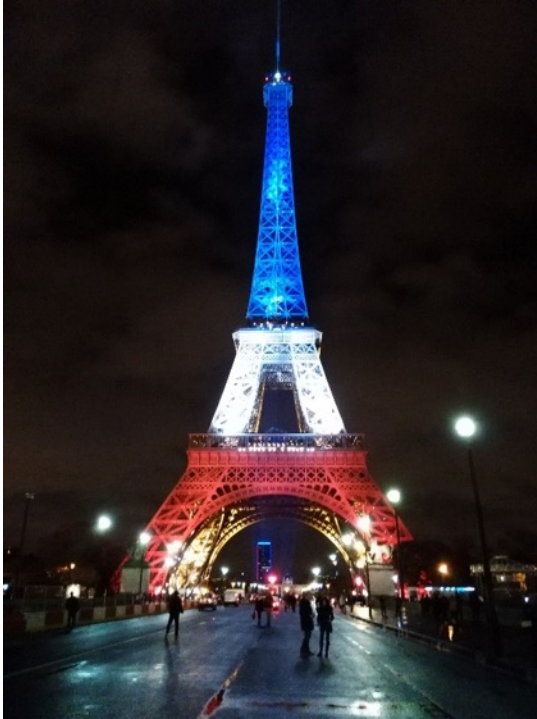




# No Kangaroos in Austria (MUC < 150km, BS < 760km)



# Paris, je t'aime! (MUC ~850km, BS ~850km)





# Czech it out! (MUC ~ 400km, BS ~470km)



# Logistics



**09:25 – 16:45**  
○ Braunschweig  
○ Prag ÚAN Florenc  
Direkt (7:20 std.)

**25,00 €**

**1 PLATZ BUCHEN**

AB/AN, DAUER, UMSTEIGEN

**21:00 – 08:50**  
○ München ZOB  
○ Paris, Porte Maillot  
Direkt (11:50 std.)

**33,00 €**

**1 PLATZ BUCHEN**

Donnerstag, **17. Nov.**

Fluginformationen		Standard
FR 4612 Frankfurt-Hahn <b>07:00</b>	2 Std. 55 Min. Malaga <b>09:55</b>	<input type="radio"/> <b>24,99 €</b>



# Rome around, and pasta time! (MUC < 700km, BS < 1300km)



# Missing the cold, eh? (MUC ~1200km, BS ~600km)





# ¡Pero no hablas español!





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# Willkommen in Deutschland!

Vielen Dank



# Thank you

## Technical University of Braunschweig

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Michael Schwarz ([m.schwarz@tum.de](mailto:m.schwarz@tum.de))

## University of Waterloo

Dr. Reinhold M. Schuster ([rschuster@uwaterloo.ca](mailto:rschuster@uwaterloo.ca))

# Important Links for Exchange at TUBS and TUM

## Technical University of Braunschweig

<https://www.tu-braunschweig.de/international/incomings/exchange>

<https://www.tu-braunschweig.de/international/kontakt>

## Technical University of Munich

International Center: [internationalcenter@tum.de](mailto:internationalcenter@tum.de)

Dalma Alagha (Incoming TUMexchange): [d.alagha@tum.de](mailto:d.alagha@tum.de)

<https://www.international.tum.de/en/coming-to-tum/exchange-students/>

# Important Links for Exchange at UWaterloo

## Exchange in General

- Andri Efstathiou, Global Learning Coordinator (Europe):  
[studyabroad@uwaterloo.ca](mailto:studyabroad@uwaterloo.ca)
- <https://uwaterloo.ca/international/>
- <https://uwaterloo.ca/international/about/people>

## Exchange for Engineering

- Cindy Howe (Administrative Coordinator):  
[eng.ug.exchange.askus@uwaterloo.ca](mailto:eng.ug.exchange.askus@uwaterloo.ca)
- <https://uwaterloo.ca/engineering/current-undergraduate-students/international-exchange>
- <https://uwaterloo.ca/engineering/current-undergraduate-students/international-exchange/contact-faculty-exchange-office>

## Exchange of Mathematics/Computer Science

- Cathy Honsberger (Exchange Programs Administrator Coordinator): [mathex@uwaterloo.ca](mailto:mathex@uwaterloo.ca)
- <https://uwaterloo.ca/math/mathematics-international-exchange-students/outgoing-students>

## German Academic Exchange Service (DAAD)

- <https://uwaterloo.ca/math/mathematics-international-exchange-students/outgoing-students/german-academic-exchange-service-daad>

(Although this information is on the website of the math faculty it applies also to other faculties)

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