

# Going abroad in Europe

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TUM School of Natural Sciences

Study Programs in Physics



Garching, 30 November 2023

# Agenda

16.00 h – Information about the Erasmus+ and SEMP programs  
and how to plan a stay abroad

16.45 h – Muriel Bautz: Studying abroad at **Sorbonne University**

17.00 h – Clara Scarpatetti: Studying abroad at **University of Helsinki** and  
doing an internship at **Aalto University**

17.15 h – Muriel Schur-Wilkens: Studying abroad at **University of Cagliari**

17.30 h – Bianca Seyschab: Studying abroad at **Trinity College Dublin**

17.45 h – Elisa Saks: Studying abroad at **Tecnico Lisboa**

18:00 h – Informal get-together

# Erasmus+ program

Financial support for study-related stays abroad in European countries:

Study at a partner university in physics – **SMS**

Internship, incl. thesis and graduate internships, in a company, research institution or university – **SMP**

Planned stay (SMS + SMP) of a maximum duration of 12 months per study cycle.

# SEMP program

Financial support for study-related stays abroad in Switzerland, applying for the scholarship at the Swiss university:

Study at a partner university in physics

Internship at a partner university, non-partners may also accept applications

SEMP funding is limited, „first come, first serve“ may apply

# Programs' benefits

- No tuition fees at the partner university
- Simplified enrollment procedure
- Academic advice and social activities
- Financial support

# Programs' requirements

- Good study progress at TUM → first study year at TUM successfully completed
- Sufficient knowledge of the language of instruction of courses in study plan
- Erasmus+ grant: successful completion of  $\geq 10$  ETCS in subject courses at the partner university (not language courses)

# Programs' requirements

- Stay enrolled at TUM during the whole stay abroad – exception: graduate internships
  - apply at the end of your Bachelor for a stay at the beginning of your Master!
- Stays may last from 60 to 360 days

# Programs' additional requirements

- Personal goal setting and independence
  - Extensive own research and organization, resulting in a well-founded study plan – at TUM and abroad!
- pay attention to differences in the semester dates!



## You are...

- ... looking forward to challenging situations?
- ... prepared to expand your horizon?
- ... interested in cultural exchange and the improvement of your language skills?
- ... open for completely new, different things and opinions?
- ... interested on other approaches in your studies and maybe very different working methods?

## You are...

- ... strong enough to accept it, when the courses that you chose do not take place or do not meet your expectations?
- ... prepared to make new friends all over the world?

And all that as well, when it does not get reflected into credits and/or good grades???

**Then you are well-equipped for a stay abroad!**

# Our partner universities

Academics  
TUM School of Natural Sciences  
Technische Universität München

- Homepage
- Latest News
- Bachelor +
- Master +
- Lehramt +
- Study abroad** -
- Outgoings Chemie
- Outgoings Physics** -
- Erasmus+ SMS and SEMP -
- Infoevent 2023
- Partnerunis -
- DTU
- Aalto**
- Helsinki
- Grenoble INP
- UGA
- ENS Lyon
- Montpellier
- Sorbonne
- Toulouse UPS

Homepage > Study abroad > Outgoings Physics > Erasmus+ SMS and SEMP > Partnerunis > Aalto

## Aalto University

Finland



### Locations

- [Otaniemi Campus](#) ↗, Espoo

### Exchange places

### TUM School of Natural Sciences

Technische Universität München

Boltzmannstr. 10  
85748 Garching

### Fachreferentin für Internationalisierung

Dr. Maria Eckholt  
Tel.: +49 (89) 289 - 14461  
Büro: [5101.EG.053](#) ↗  
[global\\_ph@nat.tum.de](mailto:global_ph@nat.tum.de)  
[Sprechstunde](#) ↗

[Physics at Aalto](#) ↗

[Summer Research](#) ↗

[Experience Reports](#) ↗

[Auslands-BaföG](#) ↗

See also these links! →

# Our partner universities

- UGA
- ENS Lyon
- Montpellier
- Sorbonne
- Toulouse UPS
- L'X
- TCD
- L'Aquila
- Campania
- Cagliari
- Bari
- Milano
- Milano-Bicocca
- La Sapienza
- TU/e
- RUG
- TU Delft
- Utrecht
- Bergen
- NTNU



## Locations

- [Otaniemi Campus](#) Espoo

## Exchange places

- Erasmus+ Studies: 2 students, 10 months each

Places denote the maximum number of students that can be sent to the host university. Duration of the stay may be shorter or, if places are combined, longer than stated. Please also consider the overall duration allowed by the Erasmus+ program.

!

## Study possibilities

- Erasmus+ Studies:
  - Undergraduate / Bachelor
  - Postgraduate / Master

## Languages of instruction and requirements

- English

**Requirements are set by the partner universities and are a minimum. If you achieve a better command before leaving, always the better!**

## Information about studies

- [Academic calendar](#)
- [Academic offer](#)

**Please let me know if links don't work or if you find further interesting sources/pieces of information!**

You should choose courses mainly from physics.

**Only for nominated students**



[Experience Reports](#)

[Auslands-BaföG](#)

<https://academics.nat.tum.de/en/global/out-ph/europe/partners>

# Experience reports



## International Opportunities

Cooperating worldwide, TUM offers you many opportunities for international experience, ranging from short programs to several semesters abroad. Make use of these programs to advance your academic profile, improve your language proficiency, boost your career prospects and have a lot of fun!

In this database TUM students will find different opportunities for a stay abroad.

Please first select the **program** you are interested in and then choose your **subject area**. Afterwards, you can select a specific country of your interest.

Once you click on the search button, you will see all partner institutions available for exchange to your subject area (in the chosen country). Click on a partner institution to see further information. Should there be a problem with the link, please try a different browser.

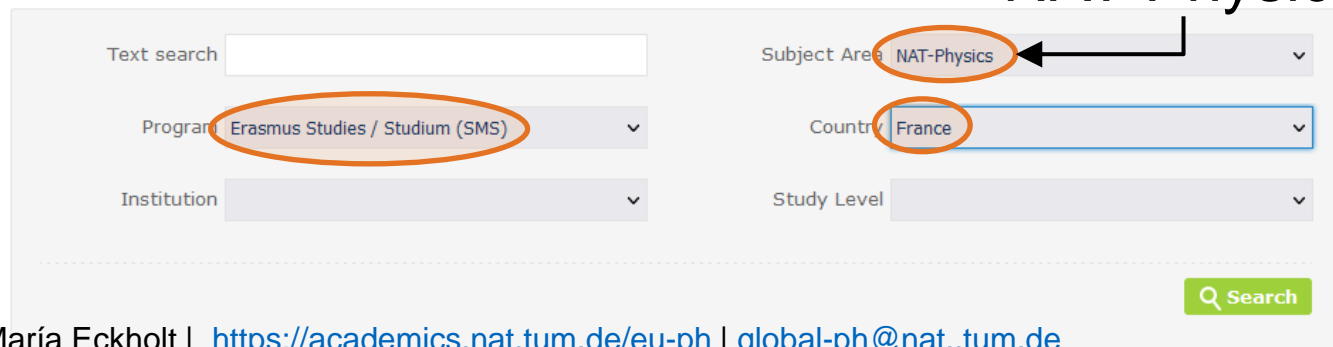
Via this database you can find fact sheets of our partner universities, important application information as well as study reports of TUM students who have been abroad with valuable recommendations for your future exchange studies (please click the button „Study Reports“ next to 'Relations').

More information about our exchange programs, application procedures and funding possibilities can be found on the website of [TUM Global & Alumni Office](#).

Please note that the summer courses & research internship programs listed in the database are administered solely by our partner institutions and that TUM G & A can therefore not offer advisory services regarding these programs. Please use the contact information provided on the partner website.

Enjoy exploring a world full of international opportunities!

NAT-Physics



Text search

Program **Erasmus Studies / Studium (SMS)** ▼

Institution ▼

Subject Area **NAT-Physics** ▼

Country **France** ▼

Study Level ▼

<https://tum.moveon4.de/publisher/1/eng>

# Experience reports

Program  Country   
 Institution  Study Level

Institutions

Relations



France-CENTRALESUPELEC

France-ECOLE NORMALE SUPERIEURE DE LYON

France-ECOLE POLYTECHNIQUE

France-UNIVERSITE DE RENNES I

France-UNIVERSITE GRENOBLE ALPES

France-INSTITUT POLYTECHNIQUE DE GRENOBLE


France-UNIVERSITE MONTPELLIER 2 SCIENCES ET TECHNIQUES

France-UNIVERSITE PAUL SABATIER TOULOUSE III

France-UNIVERSITE PIERRE ET MARIE CURIE - PARIS 6

<https://tum.moveon4.de/publisher/1/eng>


# Experience reports



[Back to search](#)

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**ECOLE POLYTECHNIQUE**

Country	 France
City	Palaiseau
Website	<a href="http://www.polytechnique.fr/">http://www.polytechnique.fr/</a>

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Relations
Study reports

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**Travel report : Erfahrungsbericht**

Datei	<a href="#">Erfahrungsbericht</a>
Partnerinstitution	ECOLE POLYTECHNIQUE
Fakultät	(MA) Mathematics / Mathematik
Startdatum	09/09/2016

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**Travel report : Erfahrungsbericht**

Datei	<a href="#">Erfahrungsbericht</a>
Partnerinstitution	ECOLE POLYTECHNIQUE
Fakultät	(PH) Physics / Physik
Startdatum	01/09/2015

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**Travel report : Erfahrungsbericht - 2014/15**

Datei	<a href="#">Erfahrungsbericht - 2014/15</a>
Partnerinstitution	ECOLE POLYTECHNIQUE
Fakultät	(MA) Mathematics / Mathematik
Startdatum	08/09/2014

https://tum.moveon4.de/publisher/1/eng

# Credit transfer

- Credit transfer options are discussed with me and documented for the Erasmus+ program
- There is no automatic credit transfer, you need to submit a request upon your return:

<https://academics.nat.tum.de/en/studies/org/faq/studies/credit>



# Leave of absence

- Semester does not count towards study time (Fachsemester), but you cannot take initial examinations nor register/submit a thesis
- No BAföG but Auslands-BAföG, if you complete courses matching your degree program – consult details with your BAföG office. If you receive a scholarship, you should similarly check with the provider.

[www.tum.de/en/studies/during-your-studies/organizing-your-studies/leave-of-absence](http://www.tum.de/en/studies/during-your-studies/organizing-your-studies/leave-of-absence)

## Application period

For the academic year 2024/25:

December 1, 2023 –  
January 15, 2024  
12 noon

# Application documents

- Online application form (moveon)
- One letter of motivation in English, with explanations to each of the desired host universities (max. 2 pages)
- Preliminary [study plan](#), one for each desired host universities

# Applic

## Study Plan

(Template to be used for your application for a stay abroad in the frame of Erasmus+ (SMS), Swiss-European-Mobility-Program or Double Degree Program)

- Online

Academic Year 20.../20...

- Letter  
host u

<b>Name of student:</b>			
<b>Number of enrolment at TUM:</b>		<b>Department at TUM:</b>	
<b>Receiving institution:</b>		<b>Country:</b>	

esired

- Prelim

<b>Course unit code at receiving institution (if any):</b>	<b>Course unit title:</b>	<b>Number of ECTS credits:</b>

# Application documents

- Academic records of previous semester (Bachelor and Master)
- Language certificates for relevant teaching languages
- CV (incl. hobbies, languages, internships, social engagement etc.)

# Application process

Upload complete application documents in the application portal of TUM Global & Alumni Office (moveon) **and** send them as one merged PDF to [global.ph@nat.tum.de](mailto:global.ph@nat.tum.de) (you can download this one PDF from moveon).

Submit only complete applications, further documents cannot be added later on!

<https://academics.nat.tum.de/eu-ph>

# Selection process

- Application deadline for the academic year 2024/25 is **January 15, 2024 at 12 noon** – for both stay in winter and/or summer semester
- Interviews may take place in some cases
- **Study abroad offer by the end of February**

# Selection process

- **Independent application at host institution** starting on mid March.  
Application procedures and deadlines depend on the host institution!
- Information about the **Erasmus+ grant** comes from TUM Global & Alumni Office (Moodle course enrollment → mid April)



# Selection criteria

- Personal motivation and academic plan
- Academic performance
- Language proficiency in the teaching language, knowledge of the local language is a plus
- Extracurricular activities and social engagement

# Language skills

- Language of instruction: good to very good skills
- Relevant is your level at the beginning of your stay abroad, not at the application
- Recommendation: work out a language learning plan (TUM language courses, intensive courses etc.)
- Local language: bonus for your application

# Language Café

Practice languages, socialize and enjoy free drinks and cake!



- **Every Wednesday, 3.00 – 5.30 pm**
- Informatics / Mathematics building (slides)
- Registration in TUMi app: <https://tumi.esn.world/events>

# Fellow program

- Make friends at TUM from all over the world
- Help incoming exchange students to feel at home
- Practice a foreign language *dáhoam*
- Gain first-hand insights in a foreign culture
- Bonus for your own application for an exchange program and/or stipend

<https://collab.dvb.bayern/display/TUMnat/Fellow+program>

Register by August 15 for the winter semester or  
by February 15 for the summer semester.

# IROP 2024 from Imperial College London

International Research Opportunities Program to work on a research project under the supervision of researchers at Imperial College London.

## Eligibility

- At least 2 years of studies before beginning IROP in July 2024

Commit to the full duration of the 8 week program (begin July 1, 2024)

<https://collab.dvb.bayern/x/mQxJDQ>

Apply deadline also on **January 15!**

# Individual advice

You can book a personal appointment during my consultation hour:

<https://tinyurl.com/global-natph>

- TUM School of Natural Sciences  
Physics Department  
Room PH2053
- In my Zoom meeting room

You may also drop me a line if you only have short questions:

[global.ph@nat.tum.de](mailto:global.ph@nat.tum.de)

Follow the School's blog to stay informed:

<https://collab.dvb.bayern/pages/viewrecentblogposts.action?key=TUMnat>

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**Out of office!**

**23.12.2023 - 15.01.2024**

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