



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



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# Master's degree



## German-French-Luxembourgish Master's Programme in Physics

Saarland University • Saarbrücken

### Overview

Degree	Master of Science (MSc) in Physics
In cooperation with	University of Lorraine (France) University of Grenoble (France) University of Luxembourg (Luxembourg)
Teaching language	<ul style="list-style-type: none"><li>• German</li><li>• English</li><li>• French</li></ul>
Languages	In physics, the working language is English, but lectures are also held in German and French.
Programme duration	4 semesters
Beginning	Winter semester
Application deadline	15 August for admission in September or October of the same calendar year
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	Yes
Description/content	<p>The German-French-Luxembourgish Master's degree programme in physics is jointly organised and run by Saarland University, the University of Lorraine, the University of Grenoble and the University of Luxembourg. It is the programme of choice for physics students looking to prepare for an international career. Students can choose two out of the four universities. This Master's programme enjoys an excellent reputation. It combines high-quality academic training in physics with a strong international focus. Students in the programme are given the opportunity to engage with questions of current research interest. Students in the MSc programme work together on current research projects and are encouraged to publish the results of their research. They will be able to develop an excellent command of French and important intercultural skills almost effortlessly and without needing to extend the period of study.</p> <p>The content of the programme is based on the physics curricula offered by the universities, covering fields such as the physics of matter, quantum physics, thermodynamics, plasma physics, nuclear physics and micro and nanosystems.</p> <p>Further information is available at: <a href="https://ci.physik.uni-saarland.de">https://ci.physik.uni-saarland.de</a>.</p>

# Course Details

## Course organisation

Students in the German-French-Luxembourgish Master's degree (MSc) programme can structure the course to suit their personal needs. Students can choose to start studying in Nancy, Saarbrücken, Grenoble or Luxembourg. The content of the programme is based on the physics curricula offered by the three universities.

### Studying at Nancy:

Students choosing this option spend the first year at Nancy studying "Physique: Physiques et Matériaux" (physics: the physics of matter – P&M) and the research topic "Physique et Chimie de la Matière Condensée" (the physics and chemistry of condensed matter – PCMC). In the second year, they carry out a project on which their final-year MSc thesis is based. The second year begins with an introductory lab project, which is followed by an introduction to scientific methodology, research skills and the Master's thesis.

### Studying at Saarbrücken:

Students choosing this option spend the first year at Saarland University, where they take the same modules as the students in the local MSc programme. The second year can be spent at the University of Luxembourg or the University of Lorraine. At Nancy, students can choose between the following courses: "Physique et Chimie de la Matière Condensée" (the physics and chemistry of condensed matter – PCMC), "Plasmas" (plasma physics), "Optique" (optics), "Opto-Electronique et Micro-Nanosystème" (optoelectronics, micro and nanosystems – POEM) and "Science de la Fusion" (nuclear physics). Students can also choose to follow the traditional study programme or place more emphasis on the Master's thesis project, which involves extending their period of study in Nancy.

### Studying at Luxembourg:

Students choosing this option spend the first year at Luxembourg studying "Physique: Condensed Matter Physics". For more about the programme, see the homepage of the University of Luxembourg.

For further information, please visit: <https://ci.physik.uni-saarland.de>.

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## International elements

- International guest lecturers

## Course-specific, integrated German language courses

No

## Course-specific, integrated English language courses

No

# Costs / Funding

## Tuition fees per semester in EUR

None

## Semester contribution

Approx. 300 EUR per semester

## Funding opportunities within the university

Yes

## Description of the above-mentioned funding

We will organise the ERASMUS+ for the second year, which amounts to approx. 270 EUR per month.

## Requirements / Registration

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### Academic admission requirements

In addition to a German higher education entrance qualification ("Abitur") or an equivalent higher education entrance qualification from the student's home country, applicants must hold a Bachelor's degree (BSc) or equivalent in physics or another relevant discipline. Ideally, applicants will have completed the German-French-Luxembourgish Bachelor's programme in physics, but this is not mandatory.

### Language requirements

Applicants must have German, English and French skills. However, no formal demands are made and to some extent, language skills can be acquired during the first year of the course.

### Application deadline

15 August for admission in September or October of the same calendar year

### Submit application to

University of Saarland  
Prof Dr Christian Wagner  
Campus E2.6R321  
66123 Saarbrücken  
[christian.wagner@uni-saarland.de](mailto:christian.wagner@uni-saarland.de)  
<https://ci.physik.uni-saarland.de>

## Services

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### Possibility of finding part-time employment

Students may be able to work for the department doing laboratory work or supervising BSc/MSc students during lab courses or seminars.

### Accommodation

Rooms and apartments are relatively easy to find and are affordable.

### Support for international students and doctoral candidates

- Welcome event
- Specialist counselling
- Support with registration procedures

# Contact

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# International Programmes in Germany - Database

[www.daad.de/international-programmes](http://www.daad.de/international-programmes)  
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## GATE-Germany

Consortium for International Higher Education Marketing  
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