DAAD

Deutscher Akademischer Austauschdienst
German Academic Exchange Service

INTERNATIONAL PROGRAMMES

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Master's degree

Master's in Educational Technology (EduTech)

Saarland University • Saarbrücken

Overview

Degree	Master of Science
Teaching language	• English
Languages	All compulsory and elective courses from the EduTech Master's programme are taught in English.
Mode of study	Less than 50% online
Programme duration	4 semesters
Beginning	Winter semester
Application deadline	The official application period for the winter semester is once per year and starts in early June and ends on 15 July. The application period and process is the same for EU and non-EU applicants. The application is free and fully online via the Saarland University SIM application portal Please check the "Applying to EduTech MSc" page on our website for information about the exact application dates as well as additional information on the application process and requirements. For additional information please also check the "How to Apply" section of the EduTech page at Saarland University's website.
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	Advances in technology are continuously enhancing learning inside and outside the classroom. Educational designers and educators need to understand and orchestrate the learning opportunities of the 21st century: • hybrid and online learning • community and collaborative learning • Massive Open Online Courses • learning management systems and social media • digital tools and open educational resources • game-based learning • learning with multi-touch devices, e.g. smartphones, tablets, tabletops In a friendly and competent environment, you will learn in online and blended learning

environments as well as in classrooms equipped with the latest technologies.

EduTech is interdisciplinary. It crosses and redefines the boundaries between learning and computer science. It bridges the theoretical and technical knowledge of computer systems with knowledge of socio-cognitive aspects of learning to create rich new learning experiences.

We emphasise interactive, learner-centred approaches to learning and instruction. You will work on projects together with your fellow students in interdisciplinary groups, sharing knowledge and learning from others. The projects will be relevant to current research. You can contribute to investigating computer-supported collaborative learning with the use of different devices and learning platforms. Additionally, the course projects will provide you with practical experience of designing and developing educational software. In this context, you will take part in shaping your projects and pursuing your own research questions. The EduTech Master's programme is targeted at students holding Bachelor's degrees in Psychology, Education, or Computer Science, but it is open to other fields as well. We are a multidisciplinary group of researchers with international and interdisciplinary experience in educational technology. We will support you in learning and engaging in this cutting-edge field.

Current research foci:

- Computer-Supported Collaborative Learning
- Collaboration Scripts for The Orchestration of Learning Activities
- Argumentation Processes in Online Scenarios
- Joint Attention and Embodied Learning in Co-Present Learning Scenarios of Multi-Touch Surfaces (iPads & Tablet PCs, Interactive Tabletops)
- Computational Thinking
- Online Learning Tools and Platforms
- Adaptive Educational Technology, e.g., Automated Feedback in TEL
- Audience Response Systems and Social Learning Platforms for Large Lectures
- Massive Open Online Courses (MOOCs)

Master's in Educational Technology graduates acquire a comprehensive understanding of the most relevant instructional design and learning theories, digital learning tools and platforms, and solutions for developing and assessing the effectiveness of a digital learning product implementation. Graduates can choose a career in educational research or become developers of digital media. They can also work in e-learning companies, as educational designers for specialised workplace computer courses, as creators of online educational materials, or as advisers for educational institutions. An alumni study of 2018 shows that more than 90% of alumni find a job within the field of educational technology within three months of graduation.

Course Details

| Course organisation | Completion of the EduTech Master's programme requires 120 credit points (CP) based on the European Credit Transfer System (ECTS). The programme includes compulsory and elective courses. |

The compulsory modules covers the core subjects of the Master's programme: learning science, design, research methods, and programming.

- "EduTech" (14 CP)
    - EduTech
    - EduTech Design Challenge
    - Computer-Supported Collaborative Learning
    - Tech Trends & Gadgets
- "Learning with Media" (12 CP)
    - Multimedia Learning I
    - Multimedia Learning II
    - Self-regulated Learning With Media
- "Design" (12 CP)
    - Instructional Design I
    - Instructional Design II
    - Design Thinking
- "Methods I" (5-15 CP, usually 10 CP)*

- - Empirical Research Methods I: Foundations of Hypothesis Testing
    - Empirical Research Methods II: Experimentation in Practice
    - Programming for EduTech
  - Master's thesis (31 CP)

*Based on their prior education, students should enrol in either "Programming for EduTech" or "Empirical Research Methods I", and in a few cases, both courses may be needed.

In addition to the compulsory modules, students can select from an extensive range of elective modules covering areas such as Artificial Intelligence or Human-Computer Interaction. They can also complete tutor training and an internship.

- "Methods II" (10 CP)
- "Knowledge Management and Communication" (15 CP)
- "Computer Science" (31 CP)
- "Tutor" (8 CP)
- "Internship" (6 CP)

A more detailed description of the modules and courses can be found on our website: https://edutech.uni-saarland.de/.

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A Diploma supplement will be issued	Yes
International elements	- Courses are led with foreign partners
Integrated internships	During the EduTech Master's programme, you can complete a voluntary internship ("freiwilliges Praktikum") of up to 180 hours. This has to be approved in advance, either by the faculty director of studies or by the examination board. The internship must take place during the lecture period. It can be completed abroad. The host of the internship must issue an (ungraded) certificate as proof of completion of the internship. You need to submit both the certificate and a report on the internship to attain a maximum of six credit points (one credit point corresponds to 30 hours of internship). The internship will be recognised as an elective module.
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. 360 EUR https://www.uni-saarland.de/en/study/organisation/fees/semester-fee.html
Funding opportunities within the university	No

Requirements / Registration

Academic admission requirements	The Department of Educational Technology welcomes applications from German and international candidates with a Bachelor's degree (or equivalent) in Psychology, Education, Computer Science or related fields with a grade of at least 3.0 (based on the German grading system) and proof of fluency in English (see "Language requirements" below). Bachelor's degrees in other (but still EduTech-relevant) fields may be accepted, provided that there are still vacancies. This depends on the total amount of applicants and varies each year. For applicants of other backgrounds, it is required to have a very good final grade of 1.5 or better. Applicants must also submit a letter of motivation along with a copy of their CV. Official translations in English or German need to be provided for any document that is not in either of those languages. For more information please consult our official website. **Additional information for international applicants:** Further information about the application and enrolment processes as well as special information and advice for non-EU applicants can be found here: https://edutech.uni-saarland.de/applying-to-edutech-m-sc/.
Language requirements	Applicants must provide proof of their English skills at a minimum level of B2 (Common European Framework of Reference for Languages, CEFR) at the beginning of their studies and must be able to participate in courses held in English.
Application deadline	The official application period for the winter semester is once per year and starts in early June and ends on 15 July. The application period and process is the same for EU and non-EU applicants. The application is free and fully online via the Saarland University SIM application portal. Please check the "Applying to EduTech MSc" page on our website for information about the exact application dates as well as additional information on the application process and requirements. For additional information please also check the "How to Apply" section of the EduTech page at Saarland University's website.
Submit application to	The application takes place **completely online**. General information about the application process: https://www.uni-saarland.de/en/study/application/master.htm SIM application portal: https://sim.uni-saarland.de/bewerbung#/Logon An application is possible annually starting in early June and ending by 15 July.

Services

Possibility of finding part-time employment	There are several possibilities to find part-time jobs in Saarbrücken (retail, food service, etc.). There are also numerous opportunities to work in fields related to educational technology as a student assistant at the university or in private companies.
Accommodation	Accommodation is available through the Student Services Office or on the private market. Rent for a single room in a student residence is approx. EUR 220: http://www.studentenwerk-saarland.de/en/Uber-uns Help in looking for private accommodation can be found here: http://www.studentenwerk-saarland.de/en/Wohnen/Wohnen-woanders/Private-Wohnungssuche.

	For additional information about accommodation, please check the "Living in Germany" section on our website: https://edutech.uni-saarland.de/enrolment/.
Support for international students and doctoral candidates	• Buddy programme • Tutors
General services and support for international students and doctoral candidates	The EduTech department offers a welcome event for all first semester students, co-organised by tutors guiding students through their first weeks. Additionally, Saarland University has multiple services and offices helping international students in university- and not-university-related issues. The Centre for International Students continuously offers events and trips for students. Free German language courses and a vast sports programme are available to all students of Saarland University.

Contact

Saarland University
Department of Educational Technology, Academic advice and study coordination support

66123 Saarbrücken

✉ EduTech@mx.uni-saarland.de
🌐 Course website: https://www.uni-saarland.de/en/study/programmes/master/edutech.html

ⓕ https://www.facebook.com/EduTechMaster

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International Programmes in Germany - Database

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