



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Master's degree



MSc in Applied Health Informatics & Digital Medicine

RWTH Aachen University • Aachen

Overview

Degree	Master of Science in Applied Health Informatics and Digital Medicine
Teaching language	<ul style="list-style-type: none">English
Languages	All courses are held in English.
Full-time / part-time	<ul style="list-style-type: none">part-time (study alongside work)
Mode of study	Hybrid
Programme duration	4 semesters
Beginning	Winter semester
Application deadline	15 July
Tuition fees per semester in EUR	6,650 EUR
Additional information on tuition fees	The complete tuition fees for all four semesters amounts to 26,600 EUR . Early booking discounts apply.
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	<p>The course is offered in cooperation with the University Hospital RWTH Aachen as a university maximum care provider and centre for cutting-edge medicine and the Medical Faculty of RWTH Aachen. The scientific director of the programme is Univ-Prof Dr med Rainer Röhrig, Director of the Institute for Medical Informatics at RWTH Aachen University Hospital.</p> <p>The Master's programme Applied Health Informatics and Digital Medicine aims to train experts in the field of medical informatics. Participants learn to acquire and evaluate medical data and make it usable for healthcare. Completion of the programme opens up a wide range of career opportunities in an interdisciplinary work environment.</p>

Course Details

Course organisation

A blended-learning concept, which incorporates digital teaching and learning with short attendance blocks, enables participants to receive the highest level of academic and practical training whilst limiting time away from home and work.

The Master's programme consists of 12 modules. Each module includes live online seminars as well as hands-on training and lectures in Aachen. The attendance days are organised in blocks that take place two to three times per semester.

In order to optimally integrate this Master's degree into your work routine, each module is supported by digital teaching and learning content that can be accessed at flexible times. In the third semester, you can choose between nine different elective modules to focus on your areas of interest. The last semester is dedicated to the preparation and compilation of a Master's thesis.

A Diploma supplement will be issued

Yes

International elements

- International guest lecturers
- Specialist literature in other languages

Integrated internships

One compulsory module consists of the preparation of a project work. The project work can be performed in the context of the current occupation or as part of an internship. The project work should offer the possibility to apply and complement the theoretical contents of the studies. The project work can address all topics relevant to the study of biomedical and health informatics.

Course-specific, integrated German language courses

No

Course-specific, integrated English language courses

No

Online learning

Pace of course

Mixed (e.g. fixed exam dates and duration, study content can be studied at any time)

Phase(s) of attendance in Germany (applies to the entire programme)

Yes, voluntary

Types of online learning elements

- Online sessions

Costs / Funding

Tuition fees per semester in EUR

6,650 EUR

Additional information on tuition fees	The complete tuition fees for all four semesters amounts to 26,600 EUR . Early booking discounts apply.
Semester contribution	The semester fee of RWTH Aachen University is approx. 320 EUR* per semester (includes the semester ticket for public transport within the whole state of North Rhine-Westphalia, part of Belgium, and part of the Netherlands) and is unrelated to RWTH International Academy's fees. *Please note that this fee changes every semester. The exact amount will be communicated by RWTH Aachen University.
Funding opportunities within the university	Yes
Description of the above-mentioned funding opportunities within the university	A limited number of scholarships from various organisations is available to help students finance their studies. Please see the following website for a list of scholarships, and grants as well as specific application requirements and conditions: http://www.rwth-aachen.de/scholarships Additional: Scholarships - MSc in Applied Health Informatics & Digital Medicine

Requirements / Registration

Academic admission requirements	<ul style="list-style-type: none"> • First academic degree e.g. Bachelor of Science (BSc) in computer science, mathematics or natural sciences or completed medical studies • At least one year of work experience in the field of medicine or computer science • English language proficiency (Level B2, details below)
Language requirements	<p>For Master's courses of study mainly in English, adequate knowledge of English must be proven by non-native speakers of English who have not acquired their higher education entrance qualification at an English-language institution.</p> <p>Applicants who have obtained their study qualification or an English-language academic degree in the United Kingdom, Ireland, Australia, New Zealand, Canada or the United States of America are exempt from providing proof.</p> <p>The following certificates are recognised:</p> <ul style="list-style-type: none"> • Test of English as Foreign Language (TOEFL) "Internet-based" Test (IBT) with a score of at least 90 points, • International English Language Testing Systems (IELTS) test with a score of at least 6.0, • Cambridge Test – B2 First (formerly Cambridge English: First / FCE) with a grade of at least B, • Cambridge Test – C1 Advanced (formerly Cambridge English: Advanced / CAE), • Cambridge Test – C2 Proficiency (formerly Cambridge English: Proficiency / CPE), • Pearson Test of English (PTE) Academic with a score of at least 60 points, • UNiCert II or higher, • a certificate that was obtained as part of the school education required by law in the respective country and demonstrates English language proficiency at level B2 of the Common European Framework of Reference for Languages (CEFR). This proof is provided, for example, by submitting a German Abitur certificate which shows that English was taken continuously until the end of qualification phase 1 (year 11 for G8 Abitur, otherwise year 12) and completed with at least sufficient grades, • placement test result from the RWTH Language Centre at level B2.2.1 (formerly MK 7) or higher; this can only be taken by enrolled students or by RWTH or UKA staff.

Application deadline 15 July

Submit application to

RWTH application portal:<https://online.rwth-aachen.de>

The application process is 100% digital – there is no need to send us any paper copies by mail!

Please submit your application and all of the necessary documents via [RWTH Online!](#)

Services

**Support for international
students and doctoral
candidates**

- Welcome event

Contact

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🌐 Course website: <https://bit.ly/48nM1Li>

📘 <https://www.facebook.com/RWTHmedicalprograms/>

🐦 https://twitter.com/ahi_rwth/

🌐 <https://www.linkedin.com/company/5098865/>

📷 <https://www.instagram.com/rwthmedicalprograms/>

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International Programmes in Germany - Database

www.daad.de/international-programmes

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Editor

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Section K23 – Information on Studying in Germany

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www.daad.de

GATE-Germany

Consortium for International Higher Education Marketing

www.gate-germany.de

Disclaimer

The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

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