Welcome

Dear teachers, dear parents, dear pupils and prospective students,

If you don’t have any plans for October, you might be interested in our „Vacation program around study orientation“ on page 3. In November, RWTH again offers the annual „RWTH Hospitation Week“, more info on page 4. In December, the annual „Information day for applicants from the province of Limburg (Netherlands)“ will take place.

Please feel free to pass on our newsletter to interested colleagues, parents and students.

With best regards
Your team at the Central Student Advisory Service

Inhalt

Offers for pupils and prospective students
· News / Dates
· Fair dates
· Regular offers / on request
· All around study programs and training
· Counselling services
· Useful links

Offers for teachers

Social Media / Imprint

Photo: Alexander Müller
Offers for pupils and prospective students

News / Dates

Calendar of events for pupils and prospective students:
www.rwth-aachen.de/schnupperangebote_infotage

25 - 29 September 2023
AI Week at RWTH Aachen University: Ideas, exchange and fun on the topic of artificial intelligence
The AI Week brings together researchers, industry and the public in and around Aachen to showcase the cutting-edge research in artificial intelligence at RWTH, connect key players from academia and industry, discuss AI-related topics with citizens and educate the next generation about AI. Many offerings are aimed at school students and prospective students, for example lectures on „Why is it worth studying AI“ or „How can you study AI at RWTH?“ as well as a programming workshop for teens. The Family Day on September 29 offers experiments, demos and hands-on activities for the entire spectrum of ages and technical knowledge.
Further information on the AI Week program and registration modalities at:
www.ai-week.rwth-aachen.de

28 September 2023, 9:30 am to 1 pm
Taster day: understanding research in health - Heart-kidney interaction
Chronic kidney disease and the associated increased risk of cardiovascular disease are an important topic in medical research. The aim of the taster day is to give the pupils a better understanding of these connections and at the same time to awaken their interest in health research. The day’s program consists of an introductory seminar as well as interactive and practical workshops in small groups. Participants have the opportunity to demonstrate their acquired knowledge in a quiz.
Target audience: pupils from grade 10
Location: CT² Center for Teaching & Training, Forckenbeckstraße 71, Aachen
Weblink
Registration at: evandervorst@ukaachen.de

4 - 6 October 2023 (fall holidays in North-Rhine Westphalia)
CAD in detail levels (face-to-face course)
In this course, pupils who are interested in spatial design (e.g. in architecture or mechanical engineering) or who want to study engineering not only learn the basic structure and central functions of the popular CAD software Autodesk Inventor, but also how to use it competently. In groups of 4, they work together intensively and support each other continuously. The professional CAD software as well as support software is made available

Please note:
all offers in German only
to the participants free of charge.

Target audience: pupils from approx. 14 years

Registration: https://elearning.igpm.rwth-aachen.de/dgcad

Your contact: Dr. Claus Pütz
puetz@igpm.rwth-aachen.de

5 October 2023, 11 am
Lecture: Studying at RWTH Aachen University (online)
The participants will get a small insight into the RWTH Aachen as a place to study. Information about the university, the study opportunities and the study program will be provided as well as tips for study orientation.

Target audience: school graduates and prospective students

Registration: www.rwth-aachen.de/go/id/cuiy

5 - 13 October 2023 (fall holidays in North-Rhine Westphalia)
Vacation program around study orientation
Reducing stress and not having to deal with life after school - in addition to school, exams, homework, hobbies and so on? The student advisory services of the FH and RWTH Aachen University jointly offer a colorful program around study orientation during the fall holidays.

Target audience: school graduates and prospective students

Registration: www.rwth-aachen.de/ferienprogramm

7 October 2023, 10 am to 2 pm
Password pioneers: A journey into the world of password security (holiday workshop)
Pupils actively explore the world of password security in a fun way. They learn how passwords are stored and what tricks hackers use to get hold of other people’s passwords.

Together with trained tutors, they plunge into the fascinating world of cyber security and understand why it is important to protect their digital access.

Target audience: pupils of grades 5 and 6

Registration: https://schuelerlabor.informatik.rwth-aachen.de/passwortpioniere-07-10-2023

10 October 2023, 10 to 11:30 am
Workshop: How to … get information about study programs (online)
There are over 20,000 different degree programs in Germany. It is not easy to get an overview and find your way through the information jungle. In this workshop, participants learn how to conduct targeted research using the hochschulkompass.de database. Through exercises and exchange, they will learn how to classify and evaluate a course of study in order to make their own choice easier.

Target audience: school graduates and prospective students

Registration: Website

10 October 2023, 12 to 1:30 pm
Online lecture for pupils: insights into the topic of scholarships - What needs to be considered?
The 13 organizations for the promotion of outstanding talent in Germany are presented. To create initial points of contact and facilitate a possible first contact, prospective students receive information on the application procedure and the contents of a letter of motivation.
12 October 2023, 11 am to 12:30 pm
Online lecture: Basic knowledge about applying for a study place at RWTH Aachen University

Study places in all subjects with restricted admission - except medicine and dentistry - are allocated by RWTH itself. How does the application process for these Bachelor's degree programs work? How do I proceed if I want to do voluntary service before starting my studies? Why is there a dialog-oriented service procedure? And how does RWTH decide who to grant admission to? If you understand this, you can better assess your chances and make the right use of them.

Target audience: High school graduates, German citizens with an international school leaving certificate, and international citizens with a school leaving certificate from an EU or EEA country who wish to pursue their first degree.

Weblink

12 October 2023, 11 am to 12 pm
Online scholarship advice for pupils and prospective students

During open consultation hours, questions about scholarships can be discussed with a student advisor in a group setting or individual concerns can be addressed in breakout rooms.

Further dates: 25 October, 8 November, 22 November, 6 December and 21 December 2023

Web: www.rwth-aachen.de/stipendienberatung

13 October 2023, 1 to 2 pm
A case for two student advisory services – FH meets RWTH (online group advising)

If you want to know how studying at a university of applied sciences differs from studying at a university, then here is the right place! The most common misconceptions about universities of applied sciences and universities are clarified and all questions about RWTH and FH are answered. Further dates: 17 November and 15 December 2023

Target audience: school graduates and prospective students

Web: www.rwth-aachen.de/einfallsfuerzwei
takes place exclusively via the teacher!
Target audience: school graduates and prospective students
Web: www.rwth-aachen.de/hospitationswoche

10 November 2023, 7 pm until midnight
RWTH Science Night „5 before 12“
Hands-on science for all generations is the motto of the RWTH Science Nights. In numerous lectures, at experiment stations and exhibit booths, scientific topics are explained in an understandable way and made tangible, and are livened up by combining them with music, art and culture.
Target audience: Everyone from 9 to 99
Weblink

17 November 2023, 9 am to 1:30 pm
Aachen Biology and Biotechnology Day
The traditional Open Day presents the broad teaching and research spectrum of the biological institutes of RWTH Aachen University with lectures and demonstrations. Pupils, teachers and students can gain a deep insight into the current activities of the individual institutes with the usual extensive on-site program of hands-on experiments, lectures and discussions on current topics from research and society. The focus is on direct exchange with the pupils.
Target audience: school graduates and prospective students
Registration: Website

4 December 2023, 10 am to 4 pm
Information day for applicants from the province of Limburg (Netherlands)
The Central Student Advisory Service and the International Office of RWTH Aachen University together with the initiative „Studeren in Aken“ (Alcuinus) at RWTH Aachen University organize an information day especially for prospective students from the Dutch province of Limburg.
More information will be available here:
www.rwth-aachen.de/limburger-innnen

Save the date: 5 February 2024
Study Information Day at RWTH
Pupils and prospective students who are interested in studying at RWTH Aachen University can obtain comprehensive information about the range of courses on offer and find out everything they need to know about their chosen subject and all aspects of studying. A broad program of lectures is planned there, as well as information booths of the faculties, subject groups, student councils and central institutions, where individual questions can be answered.
Target audience: school graduates and prospective students
Location: Hörsaalzentrum C.A.R.L., Claßenstr. 11, Aachen
Information on the planned program and registration modalities coming soon at:
www.rwth-aachen.de/studieninformationstag

Please note:
all offers in German only
Fair dates
As the largest educational institution in the region, RWTH Aachen University presents its diverse range of educational opportunities at the following fairs:

31 October, 10 am to 5 pm
Karrieretag
https://www.karrieretag.org/aachen/

23 November 2023, 10 am to 6 pm
Future Match
https://www.futurematch-aachen.de/

The advisors at the Central Student Advisory Service will answer questions about studying and provide support with tips for deciding on a course of study at the following fairs:

25 October 2023, 9 am to 3 pm
Traumberuf IT & Technik, Cologne
https://traumberuf-messe.de/koeln

26 - 27 October 2023
Foire de l'étudiant, Luxembourg
Weblink

19 February 2023, 12:30 to 5:30 pm
Bonner Hochschulmesse
https://berufsberatung-bonn.de/die-bonner-hochschulmesse/

23 - 24 April 2024, 8:30 am to 3 pm
Vocatium, Aachen
https://www.vocatium.de/fachmessen/vocati-um-aachen-2024/

28 - 29 May 2024, 8:30 am to 3 pm
Vocatium, Mönchengladbach
https://www.vocatium.de/fachmessen/vocati-um-moenchengladbach-2024

3 - 4 July 2024, 8:30 am to 3 pm
Vocatium, Trier
https://www.vocatium.de/fachmessen/vocati-um-trier-grossregion-2024/

10 - 11 September 2024, 8:30 am to 3 pm
Vocatium, Krefeld
https://www.vocatium.de/fachmessen/vocati-um-krefeld-2024

NEW!
Instagram channel of the Central Student Advisory Service
All information about events, dates, courses of study, tips on study orientation and much more:
#zsb_rwthaachen
Regular offers / on request

**Various dates**

**Visit lectures at the RWTH**
Overview of courses in the winter semester 2023/24 for taster sessions and study experience:
[www.rwth-aachen.de/vorlesungsbesuch](http://www.rwth-aachen.de/vorlesungsbesuch)

**Weekly from 12 October 2023**
**Thursdays 4:30 to 6 pm**

**The E-Mobility Lecture Series**
Lecture series for all who are interested in E-mobility. It is organized by the Electromobility Office, in which many RWTH institutes participate as members. Here, news from the research and development of e-vehicles is discussed by experts from the RWTH institutes as well as exclusive guest speakers from the industry.

Target audience: Prospective students
Location: TEMP 2.0, Republikplatz 6, Aachen
Weblink

**Individual dates**

**Tandem day for pupils**
Offer for pupils who are still looking for a suitable course of study and would like to spend a day at the university, attend lectures and exercises and have lunch in the canteen. They are accompanied by a tandem partner - a student from the Department of Raw Materials and Waste Disposal Technology, who shows them around the university and answers all their questions.

Target audience: school graduates and prospective students
Weblink

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Regular offers / on request

**Various dates**

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[www.rwth-aachen.de/vorlesungsbesuch](http://www.rwth-aachen.de/vorlesungsbesuch)

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Target audience: secondary schools, grades according to the modules
Dates and registration: Weblink
Your contact: Petra Nikolay, bioL3@bio.rwth-aachen.de

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**Regular dates**

**Teaching-Learning-Lab Biosciences: Experiencing science work in practice**
In Bio L3 at RWTH Aachen University, pupils deal with current contexts and topics from the STEM field in half-day and day programs. Skills are taught through experimentation, investigation, observation, discovery, research, development, data collection, evaluation, processing and documentation. Learning in a group and working out solutions together promote the ability to work in a team.

The following modules are offered regularly:

- Effect of neurotoxins from pesticides on the water flea Daphnia magna
- Bionics: The insect carousel! Holding and adhesion properties of insects on various surfaces
- „A job for the soil laboratory“

Target audience: secondary schools, grades according to the modules
Dates and registration: Weblink
Your contact: Petra Nikolay, bioL3@bio.rwth-aachen.de

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**Please note:**

*all offers in German only*
**RWTH Insiders**

Get information and experiences from those who are already in the midst of their studies? RWTH-Insiders are students of higher semesters who talk about their everyday life as students, show you around the university and answer all your questions about studying. Target audience: Pupils who are interested in a particular course of study and would like to gain an insight into studying at RWTH and everyday life at university from a student’s perspective.

Web: [www.rwth-aachen.de/insider](http://www.rwth-aachen.de/insider)
[koordination@insider.rwth-aachen.de](mailto:koordination@insider.rwth-aachen.de)

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**All around study programs and training**

**Apprenticeships 2024 at RWTH Aachen University**

Apprenticeships at RWTH Aachen University are available in industrial-technical, scientific and business professions as well as in non-medical healthcare professions. Every year, numerous trainees are hired in over 20 different professions. The next training year starts on 19 August 2024 and we welcome inquiries and applications! Information about the entire range of apprenticeships offered by RWTH as well as the 2023 apprenticeship occupations at:

[www.rwth-aachen.de/berufsausbildung](http://www.rwth-aachen.de/berufsausbildung)

**MATSE training at RWTH has vacancies!**

The dual training program for mathematical-technical software developers with a degree in applied mathematics and computer science (FH) is a very good start to an IT career. Here, practice and theory are combined from the very beginning. The RWTH is a training provider and offers training positions at many university institutions for September 1, 2024. The MATSE training group is happy to help with interested inquiries and applications as of now for 2024.

Target group: school graduates with skills in mathematics and computer science

Web: [www.itc.rwth-aachen.de/matse](http://www.itc.rwth-aachen.de/matse)

Your contact: Ausbildungsverwaltung MATSE
[matse@itc.rwth-aachen.de](mailto:matse@itc.rwth-aachen.de)

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**Please note:**

all offers in German only
SmartStudyStart
October 2023 until September 2024
The Smart Study Start serves as a disciplinary orientation for prospective students of natural sciences, engineering and economics. Within the framework of a two-semester orientation study program, it is possible to gain initial insights into the various study programs at RWTH Aachen University and to expand and deepen basic interdisciplinary knowledge. In this way, students gain a realistic insight into their studies as well as more time to make a study decision.
Target audience: school graduates who would like to first listen to various subjects and lectures at RWTH Aachen University without committing themselves directly to a course of study
Web: https://smartstudystart.rwth-aachen.de/

Opportunity calculator teaching
The opportunity calculator determines the chances of being hired for the teaching profession for desired subject combinations: https://www.lehrer-werden.nrw/chancen

Dual study program „Bachelor of Laws - State Administrative Service“ (Verwaltungsinspektoranwärter*innen Bachelor of Laws - Staatlicher Verwaltungsdienst)
Dual study in study sections at the HSPV NRW in Cologne and practical sections at the University Administration of the RWTH Aachen. The study program lasts 3 years and ends with the degree Bachelor of Laws. The application deadline is September 30, 2023 for the hiring date September 1, 2024.
Target group: Pupils with a general university entrance qualification, unrestricted entrance qualification for studies at universities of applied sciences or equivalent qualification
Weblink

Please note: all offers in German only
Counselling services

The Central Student Advisory Service provides confidential and free advice on a wide range of topics related to studying, e.g. study programs offered by RWTH, orientation and choice of studies, requirements, application, enrollment, and much more:
www.rwth-aachen.de/schueler-innenberatung

Opening hours Infocenter and appointment request for individual one-on-one consultation:
www.rwth-aachen.de/go/id/oelt

Brief consultation by e-mail:
Studienberatung@rwth-aachen.de

Brief telephone consultation at:
+49 241 80 94050:
Mon thru Thu: 2 to 4 pm

Online scholarship advice for pupils and prospective students
Open counseling hours for questions and individual concerns about scholarships.
Web: www.rwth-aachen.de/stipendienberatung

Academic subject-specific counselling
The subject-specific study counselling advises on detailed study content, examination requirements, study structure and concrete study organisation:
www.rwth-aachen.de/fachstudienberatung

Student councils within faculties
Further source of information for a comprehensive impression of a degree program:
www.rwth-aachen.de/fachschaften

Useful links

Here, prospective students of all nations can check which school leaving certificate gives them access to study at a German higher education institution:
www.anabin.de

Overview of all degree programs offered in Germany:
www.hochschulkompass.de

Find suitable offers for study orientation at the university or college of your choice:
www.studienorientierung-nrw.de

Information on the entire range of all degree programs at RWTH Aachen University:
www.rwth-aachen.de/studienangebot

The International Office of RWTH Aachen University is responsible for all applicants without German citizenship and/or foreign (non-German) university entrance qualification (Abitur):

The Student Secretariat of RWTH Aachen University is responsible for all German nationals and for all applicants with a German university entrance qualification (Abitur); also for second degree applicants and all applicants with special applications:
www.rwth-aachen.de/studierendensekretariat
All Bachelor’s degree programmes at RWTH are taught in German. International applicants must therefore provide proof of German language skills. Further information on the website of the Language Centre of the RWTH: www.rwth-aachen.de/go/id/lgod

Information and tips on study orientation and on RWTH Aachen University as a place to study:
Wegweiser Studienwahl

Up-to-date information about applying for a placement at university and deadlines:
www.rwth-aachen.de/bewerbung

SelfAssessments (SAM) are a valuable orientation aid for a well-founded study decision (only for RWTH degree programs, except for medical degree programs):
www.rwth-aachen.de/selfassessment

The association „studeren in Aken“ (project of K.A.V. Alcuinus) organises information events at Dutch schools to inspire and inform pupils about studying in Aachen.
organisatie@studereninaken.nl
www.studereninaken.nl

Offers of the education laboratories - testing and consolidating interests and skills:
Schülerlabore

Pre-course offer of the RWTH Aachen:
www.rwth-aachen.de/vorkurse

Bundled information from RWTH Aachen University for prospective students:
Zielgruppenportal Studieninteressierte

The opportunity calculator determines the chances of being hired for the teaching profession for desired subject combinations:
https://www.lehrer-werden.nrw/chancen

Overview of courses in the winter semester 2023/24 for taster and study experience:
www.rwth-aachen.de/vorlesungsbesuch

Request form for teachers for the support of school events for study orientation by the Central Student Advisory Service:
www.rwth-aachen.de/schule
Offers for teachers

17 October 2023, 6 pm
Mathematics didactics lectures „Grüne Reihe“:
Prof. Dr. habil. Benjamin Rott from the University of Cologne presents in his lecture the results of a document analysis of all tasks of the ZP10 since 2007 up to and including 2019 with regard to the competencies „Problem Solving“, „Modeling“ and „Argumentation“. These show that hardly more than a minimal requirement is demanded with regard to the competencies mentioned, which moreover undergoes only minor changes over the entire period. Subsequently, these results are reflected and it is discussed how to deal with the situation.
Target group: (Prospective) math teachers
Location: SeMath (008), Pontdriesch 14-16, 52062 Aachen
Web: www.mathematik.rwth-aachen.de/didaktik-vortragsreihe

25 October 2023, 6 to 8 pm
Diversity network
Twice a semester, the Diversity Network addresses various topics related to diversity and inclusion. It is aimed at all interested parties who come into contact with diversity and heterogeneity of pupils in the context of their own teaching and/or in the education of future teachers and is intended to facilitate a low-threshold exchange and offer space and opportunity to establish new contacts and networks. In addition to our registration, you will also find further information about the upcoming events on our website.
Further date: 13 December 2023
Target group: teachers, school administrators, lecturers, student teachers, pupils, school social workers, interested parties
Web

9 November 2023, 2 to 5 pm
Information day for teachers (career and study advisors) from Limburg (Netherlands)
Meeting point: Audimax, Wülkerstr. 9, 52062 Aachen
Registration and further information: andreas.steinbeck@zhv.rwth-aachen.de

1 December 2023, 10:15 am to 5 pm
Aachen Didactics Day 2023
In a constantly changing educational landscape, teachers face a variety of challenges in their daily work. The Aachen Didactics Day 2023 would like to focus on teaching and learning in schools and universities under the title „Didactic Innovations“. In addition to various approaches, methods and techniques in education that aim to make teaching and learning processes more effective, interactive and adapted to the changing needs of learners, the

Please note:
all offers in German only
The topic of a contemporary examination culture will also be discussed.

**Target group:** Teachers, school administrators, lecturers, student teachers, people interested in the subject, pupils

**Web**

**Just get in touch!**

**Inquiry form for schools**

Are you planning a study and career information day at your school? Or do you want to give your students an insight into a university? We are happy to support you and your students. Simply fill out the form and send us your request:

www.rwth-aachen.de/schule

**Accompanying the school year**

**School-University project iMPACt**

The school-university project for better preparation for the mathematics requirements of many STEM courses is running with great success and with constant further development!

The 2024 certificate exam will take place on June 8 in centralized and decentralized form.

**Target group:** High school students and their mathematics teachers

Further information on the project and on the implementation of the 2024 certificate exam can be found at:

www.mathematik.rwth-aachen.de/impact

Your contact: Julia Kujat, impact@rwth-aachen.de

**Dates according to agreement**

**Mathematics lecturers: digitally or live at your school**

Where can math be found? What is math good for? How can math be used to understand actual processes? Lecturers from the RWTH department of mathematics explain digitally or on site how mathematics can be used to explain real-life phenomena and solve problems.

**Target group:** Mathematics teachers, school classes

**Overview of offered lecture topics and further information:**

www.mathematik.rwth-aachen.de/go/id/obz

Please note:

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Social Media

facebook.com/RWTHAachenUniversity
twitter.com/RWTH
youtube.com/user/RWTHAachenUniversity
instagram.com/rwthaachenuniversity
instagram.com/zsb_rwthaachen

Imprint

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https://lists.rwth-aachen.de/postorius/lists/benelux-news.lists.rwth-aachen.de

All information about the newsletter:
www.rwth-aachen.de/schulnews

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