Welcome

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

this month the registration for the „RWTH Pupils' University“ starts! More information on page 3.

In addition, we recommend our „Vacation program around study orientation“ and our „Lecture: Studying in Germany? (online)“. 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

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Photo: Alexander Müller
Offers for pupils and prospective students

News / Dates

Last minute!

21 March 2023, 5 to 6:30 pm
Lecture: Start of studies in 2023: What parents want to know beforehand
A lecture for parents who want to support their children in their decision to study. The lecture is based on questions that are frequently asked in the student advisory service. Beyond advertising and rumor mongering, basic information about studying will be provided.
Target audience: parents of prospective students with German high school diploma (Abitur)
Registration: www.rwth-aachen.de/go/id/cdls

23 March 2023, 10 am to 4 pm
Workshop: Your approach to making a wise study decision
This workshop deals with the process of choosing a degree program. In a small group, various topics are worked on interactively, for example interests and self-analysis as well as decision-making aids for choosing a degree program. The participants receive a toolbox that supports them in their own study orientation. Further dates: 14 April (online), 25 May and 29 June 2023
Target audience: school-leavers and prospective students
Registration: www.rwth-aachen.de/Workshop/Studienentscheidung

28, 29 or 30 March 2023, 9 am to 3 pm
Teaching-Learning-Lab Biosciences: Effect of neurotoxins from pesticides on the water flea
Many insecticides have a neurotoxic effect on plant pests. This can be investigated experimentally using a common household pesticide and water fleas as model organisms. Observation, microscopy, measurement and evaluation are components of the workshop. The students carry out all the steps themselves, from formulating a question to evaluating the data collected.
Further dates: to be found quarterly on the website
Target audience: school-leavers
Registration: Weblink
Your contact: Petra Nikolay, bioL3@bio.rwth-aachen.de

Photo: Teaching-Learning-Lab Biosciences
Registration starting in March 2023!
RWTH Pupils' University

RWTH Pupils' University in STEM subjects
During the NRW summer vacations middle and high school students have the opportunity to spend a week getting a taste of a STEM subject of their choice and learning about studying at RWTH. Participants spend five days at the RWTH attending workshops, experimenting, listening to lectures, exploring the institutes and thus gaining a first impression of the subject and of studying. Pupils' universities are offered, for example, in the subjects mathematics, chemistry, mechanical engineering, computer science and many more.

Pupils' university Engineering Sciences for female students
At the pupils' university Engineering Sciences for female students, female senior high school students learn about the entire range of engineering sciences. The participants visit a wide variety of institutes from the field of technology and learn in the workshops what engineers deal with in their studies and subsequent careers. For example, the students explore the path from wind tunnel to flying airplane or how metals from smartphones can be recycled. In addition, female RWTH students offer plenty of opportunities for questions and exchange.

Please note: all offers in German only

Pupils’ university for middle school students
In the pupils' university for middle school students, young people in the 8th and 9th grades visit various RWTH education labs in the fields of computer science, robotics, mathematics, physics and water management. In the „MINT & Fit“ program, 12-14 year-old girls try their hand at various sports and also explore practical aspects of science and technology in workshops.

Attendance at all pupils' universities is free of charge.

More information and registration: www.rwth-aachen.de/schueler-innenuni
29 March 2023, 5 to 6:30 pm
Lecture: Understanding the world of studying! What does studying mean anyway? (online)
After high school, pupils have become accustomed to class structures and teachers, to timetables, homework, vacations and exams. Will everything be completely different during their studies? A first look at what prospective students can expect at the university.
Target audience: school-leavers and prospective students
Registration: www.rwth-aachen.de/go/id/ffpm

3 to 6 April 2023 (easter holidays in North Rhine-Westphalia)
CAD in detail levels (both online and 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 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

3 April 2023, 1 to 2:30 pm
Lecture: Studying at RWTH Aachen University (online)
In this lecture, the range of studies offered by the RWTH and the requirements for studying at the RWTH will be presented. Participants will learn what makes studying at RWTH attractive and will receive a brief overview of application, admission and enrollment.
Target audience: school-leavers and prospective students
Registration: www.rwth-aachen.de/go/id/cuiy

Please note:
all offers in German only
4 April 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-leavers and prospective students
Registration: Website

4 April 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.
Target audience: school-leavers and prospective students
Registration: www.rwth-aachen.de/go/id/mycva

6 April 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: 12 May, 15 June, 21 July, 11 August, 8 September 2023 and many more
Target audience: school-leavers and prospective students
Web: www.rwth-aachen.de/einfallfuerzwei

6 April 2023, 5 to 6:30 pm
Lecture: Studying in Germany? (online)
A lecture for prospective students from German schools abroad who are considering studying in Germany and starting their studies at RWTH Aachen University. Comprehensive information about all important aspects will be provided. The lecture, followed by a question and answer session, is designed to help you make an informed study decision.
Target audience: prospective students from German schools abroad
Registration: www.rwth-aachen.de/go/id/jhwkr

12 April 2023, 11 am to 12:30 pm
Lecture: Get out of the rumor mill! NC fairy tales and their truth
This lecture tackles the top five NC fairy tales and examines their truthfulness. With this background knowledge prospective students can better understand the latest information on applying for university places and develop their own personal application strategy.
Target audience: school-leavers and prospective students
Registration: www.rwth-aachen.de/go/id/llopb

Please note:
all offers in German only
13 April 2023, 9 am to 5 pm
International IceCube Masterclass
An authentic research experience in astroparticle physics: Students experience the exciting world of astroparticle physics for one day together with physicists from RWTH and analyze real IceCube data.
Target audience: pupils from approx. 14 years
Registration

13 April 2023, 10 am to 2 pm
The search for the lost treasure - hands-on cryptography
In this course, students get a playful insight into cryptography by going on a virtual journey through time. In the process, they discover both very simple methods of cryptography as well as methods that are still current today. Whoever finds the right key at the end of the journey through space and time can open the treasure chest.
Target audience: pupils from 8 to 12 years
Registration: https://schuelerlabor.informatik.rwth-aachen.de/schatzsuche-13-04-2023
Your contact: Annabell Brocker M. Sc. RWTH schuelerlabor@informatik.rwth-aachen.de

19 or 20 April 2023, 9 am to 2 pm
Teaching-Learning-Lab Biosciences: Bionics: The insect carousel! Holding and adhesion properties of insects on various surfaces
Why can some animals crawl along walls and do not fall down even from the ceiling? On which surfaces do insects adhere particularly well?
Using the stick insect as an example, the adhesive properties of insects on different surfaces can be explored using a bionic experiment that combines biological, physical and mathematical teaching content with the so-called insect carousel.
Further dates: to be found quarterly on the website
Target audience: pupils from 12 to 16 years
Registration: Weblink
Your contact: Petra Nikolay, bioL3@bio.rwth-aachen.de
27 April, 2, 4 or 8 May 2023, 9 am to 3 pm  
Teaching-Learning-Lab Biosciences: „An assignment for the soil laboratory“  
In the module, the students take on the role of employees of a soil laboratory that is to prepare an expert opinion.  
In the process, they are investigating different soil types for their chemical-physical and biological properties in the field at two locations. The aim is to identify and classify the various soil functions and the interaction of soil structure, nutrients and soil animals for agriculture, nutrition and the environment.  
Target audience: pupils from 12 to 15 years  
Registration: Weblink  
Your contact: Petra Nikolay, bioL3@bio.rwth-aachen.de

12 June 2023 and other possible start dates, daily from 8:30 am to 4 pm for 2 weeks (in presence or online)  
Experience studying physics („SEM = Studieren Erfahrbar Machen“)  
Students interested in studying physics experience first-hand how the bachelor’s program in physics actually works. They work through two complete sections from the 1st semester and in this way realistically experience the level, pace and scope of a physics degree.  
Other possible start dates: 3 July, 24 July and 14 August 2023  
Target audience: school-leavers and pupils interested in studying physics  
Weblink

17 May 2023 (and many more dates)  
10 am to 1 pm  
Teaching-Learning-Lab Biosciences: Bees and honey  
On the general theme of „bees and honey“, numerous experiments, investigations, observations are offered, which are carried out at the university apiary on the grounds of the arboretum or in the practical room.  
Target audience: pupils from 10 years  
Registration: Weblink  
Your contact: Petra Nikolay, bioL3@bio.rwth-aachen.de

15 June 2023, 10 am to 7:30 pm  
Long evening of study counselling  
Lectures and counseling sessions into the evening. Shortly before the registration and application phase, you will find all the important information you need about starting your studies at RWTH Aachen University in the fall of 2023.  
Target audience: school-leavers and prospective students  
Web: www.rwth-aachen.de/langer-abend

Please note: all offers in German only.
Registration period until 24 July 2023
Course: 1 August to 30 September 2023
HM4mint-intensive course
Online compact course in higher mathematics, as typically taken in the first semester of a STEM subject. Acquire study and exam credits for the first semester before the semester begins and gain experience with learning at university level.
Target audience: prospective students
Web: www.hm4mint.nrw/intensiv
hm4mint-intensiv@matha.rwth-aachen.de

August to September 2023
Pre-course offer of the RWTH Aachen
Starting your studies well prepared? That's possible with the preliminary courses. Here, school knowledge is refreshed, repeated and raised to university level.
At RWTH, there are different pre-courses that already start in the summer. They also offer a good opportunity to get to know future fellow students and to find your way around the university.
Participation in the preliminary courses is also possible if a study place has not yet been confirmed. No proof of enrollment is required. Participation in the courses is voluntary and free of charge.
Target audience: prospective students
Web: www.rwth-aachen.de/vorkurse

Make sure to note:
RWTH Hospitation Week
Every year, RWTH Aachen University offers a one-week university hospitation in certain study programs. Pupils who already have a concrete interest in a field of study are given a real insight into everyday life at the university. In addition to lectures and an intensive exchange with a tutor, who is an actual student, the week focuses on attending lectures. Registration takes place exclusively via the teacher!
Target audience: school-leavers and prospective students
The date 2023 will be published soon on the web: www.rwth-aachen.de/hospitationswoche

Save the date: November or December 2023
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.
The next info day is expected to take place again in November or December. More information will be available here as of fall 2023: www.rwth-aachen.de/limburger-innen

Please note:
all offers in German only

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

Study Information Day at RWTH
On 16 January 2023, the annual study information day of the RWTH took place again in presence after two years. Almost 3,000 pupils and prospective students informed themselves about their desired subject, about studying and about RWTH. There was an extensive program of presentations of study programs and general lectures on the subject of studying. Many faculty groups offered tours of the institutes and lectures. At numerous information booths, university members from the faculties, students from the student councils and other institutions were available to answer individual questions.

Until the end of March, many recorded lectures as well as further info are still available on the website.

Next date to make a note of: 5 February 2024.
www.rwth-aachen.de/studieninformationstag

Regular offers / on request

NEW! 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
koordination@insider.rwth-aachen.de
Research guidebook for your term paper
Finding literature for term papers is not always easy. The University Library is happy to provide support and offers individual assistance. After filling out a form on the university library's website, librarians research the respective topic, compile specially adapted research guides and send them by email.
With the help of the guides, it is very easy to get started with suitable search engines and catalogs using meaningful search terms.
Target group: Pupils working on their term paper
Weblink
Your contact: iz@ub.rwth-aachen.de

Guided tour for pupils (90 minutes)
Project-oriented knowledge transfer instead of classic library tours. Students can experience the university library for themselves. Because what you learn yourself, you don't forget so quickly. And it's more fun, too! Dates can be arranged individually, max. 20 participants, supervision by teacher required.
Target group: Pupils working on their term paper
Weblink
Flyer
Your contact: ik@ub.rwth-aachen.de

All around study programs and training

Apprenticeships 2023 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 7 August 2023 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

Get to know RWTH Aachen University as a training company and our 25 apprenticeship professions and dual study programs:
- Vocatium Trade fair for training and studies in Aachen on 25 and 26 April 2023, 8:30 am to 3 pm
- Ausbildungsbörse Kreis Düren on 12 May 2023, 10 am to 3 pm
- Karrieretag on 13 June 2023 in Aachen, 10 am to 5 pm

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 leavers 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/

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, 2023. The MATSE training group is happy to help with interested inquiries and applications as of now for 2023.
Target group: School leavers with skills in mathematics and computer science
Web: www.itc.rwth-aachen.de/matse
Your contact: Ausbildungsverwaltung MATSE matse@itc.rwth-aachen.de
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

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

Digital formats that can support the study choice process:
www.rwth-aachen.de/zsb-digitale-angebote

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
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](http://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](http://www.rwth-aachen.de/go/id/oelt)

- Brief consultation by e-mail:
  [Studienberatung@rwth-aachen.de](mailto:Studienberatung@rwth-aachen.de)

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

**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](http://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](http://www.rwth-aachen.de/fachschaften)

**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.

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

Photo: Martin Braun
Offers for teachers

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

Dates in the summer semester
Mathematics didactics lectures „Grüne Reihe“
Two mathematics didactics lectures are planned for the summer semester as part of the „Grüne Reihe“. These will take place on Tuesday evenings from 6 to 7 pm. More information about date, speaker and format will be announced on the homepage in time.
Target audience: (Prospective) mathematics teachers
Web: www.mathematik.rwth-aachen.de/didaktik-vortratsreihe

Accompanying the school year
Exam on 3 June 2023
School-University project iMPACt
Project for better preparation for the mathematics requirements of many STEM studies. Thanks to university materials and support, participating schools offer their high school students additional courses on mathematical structures and areas of application that have no place in regular mathematics classes. The program concludes with a certificate exam on June 3, 2023, which will be offered for the first time in centralized and decentralized form.
Target group: High school students and their mathematics teachers
Web: www.mathematik.rwth-aachen.de/impact
Your contact: Julia Kujat, impact@rwth-aachen.de

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
We will get back to you as soon as possible!

Please note:
all offers in German only
April to June 2023  
**Wednesdays 2:30 to 4 pm**  
**LeBiAC: Workshops on digital media and phenomena in the classroom**  
The Institute of Educational Science offers free workshops on digital media and phenomena for student teachers and teaching staff in the summer semester 2023. Upcoming topics include explanatory videos, cyberbullying, fake news, hate speech, and gamification. Contact, dates and registration modalities are available on the website.  
**Target group:** active teachers, student teachers  
**Weblink**

**Dates by arrangement, preferably**  
**February/March or August/September**  
**„Unihits for Kids“: Institute visits for school groups**  
The project „Unihits for Kids“ is an offer of the RWTH in which school classes or groups can visit a technical or scientific university institute in one morning. We look forward to receiving inquiries.  
**Target group:** teachers and school classes (6th / 7th grade)  
**Inquiry form**  
Your contact: Deborah Hennig (M.A.), unihits@ezw.rwth-aachen.de

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**Please note:**  
all offers in German only

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**Social Media**

facebook.com/RWTHAachenUniversity  
twitter.com/RWTH  
youtube.com/user/RWTHAachenUniversity  
ingram.com/rwthaachenuniversity

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