

RESEARCH & DOCTORAL RESEARCH TRAINING

Besides obtaining a doctorate/PhD through independent research in the departments and under supervision of a university professor, RPTU offers structured PhD programs, Graduate Schools, and Research Training Groups.



For more information on research opportunities:

<https://rptu.de/en/research>
<https://rptu.de/international/phd>

Contact for support: refinta-info@rptu.de

Structured PhD Program

Computer Science
www.cs.uni-kl.de/en/studium/prom

Graduate Schools

Mathematics as a Key Technology
www.mathematik.uni-kl.de/en/organisation/graduate-school
Commercial Vehicle Technology
www.uni-kl.de/cvt

Profile Areas

Advanced Materials Engineering (AME)
<https://rptu.de/ame>
Complex Data Analysis in Life Sciences & Biotechnology (BioComp)
<https://rptu.de/biocomp>
State Research Center for Optics & Materials Sciences (OPTIMAS) (Research Initiative of the Federal State of Rhineland-Palatinate)
<https://optimas.uni-kl.de/>

Federal ministries project funding for RPTU projects

5G Model Region Kaiserslautern
<https://www.5g-kaiserslautern.de/>
Open6GHub
<https://eit.rptu.de/en/fgs/wicon/projects/funded-projects/open6ghub>

RPTU in Kaiserlautern

DFG* - International Research Training Groups

GRK 2277 SMiP - Statistical Modeling in Psychology
GRK 2360 SystemLink
GRK 2737 Molecular Mechanisms to Preserve the Functionality of Membranes & Compartments during Stress Conditions

<https://rptu.de/en/research/coordinated-research>

DFG* - Collaborative Research Centers

SFB/TRR 173 Spin+X
Spin in its collective environment
SFB/TRR 175 The Green Hub
Central coordinator of acclimation in plants
SFB/TRR 185 OSCAR
Open System Control of Atomic & Photonic Matter
SFB/TRR 195 Symbolic Tools in Mathematics & their Application

<https://rptu.de/en/research/coordinated-research>

DFG* - Collaborative Research Centers with RPTU as Partner

SFB/TRR 306 QuCoLiMa
Quantum Cooperativity of Light & Matter
SFB 1439 RESISIST
Multilevel response to stresser increase & release in stream ecosystems
SFB 1527 HyPERiON
High Performance CompactMagnetic Resonance

<https://rptu.de/en/research/coordinated-research>

*DFG: Deutsche Forschungsgemeinschaft (German Research Foundation)

HORIZON Europe projects

ERC Grants
Integrated Projects (IP)
Marie-Skłodowska-Curie-Grants

<https://rptu.de/en/research/coordinated-research>

Fraunhofer High Performance Center Simulation & Software-Based Innovation

<https://www.leistungszentrum-simulation-software.de/>

RPTU in Kaiserlautern



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INTERNATIONAL AFFAIRS
rptu.de/en/international/home



RPTU

STUDIES
RESEARCH
LIVING

at RPTU in Kaiserslautern

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RPTU is a top-ranked*, research-oriented university offering high-quality education and (post)doctoral research in innovative fields of economic relevance. Our outstanding student-teacher ratio guarantees excellent supervision and a fast track towards employability. International Students coming to RPTU will find an efficient support structure offered by International Affairs (starting from visa support & orientation course to the International Graduation Ceremony). RPTU students benefit from an international study environment highly affiliated to industry & research, offering (student assistant) job opportunities. Zero tuition fees, low cost of living & safe and healthy, natural university surroundings make RPTU a perfect place to live & to study.

* 1st Place among 146 international universities in 9 categories, such as Learning, Living, Support Services, Cost in the International Student Barometer 2022

RPTU Departments:

- Architecture
- Biology
- Business & Economics
- Chemistry
- Civil Engineering
- Computer Science
- Cultural & Social Sciences (RPTU in Landau)
- Educational Sciences (RPTU in Landau)
- Electrical & Computer Engineering
- Mathematics
- Mechanical & Process Engineering
- Natural & Environmental Science (RPTU in Landau)
- Physics
- Psychology (RPTU in Landau)
- Social Sciences
- Spatial & Environmental Planning

For more information about our departments and their study programs please refer to:

<https://rptu.de/en/about-us/organisation/faculties>



Choose your undergraduate study program on:
www.rptu.de/international/bachelor
Contact for support: info@rptu.de

RPTU in Kaiserslautern

Biology

- Master Biology (specializing in Microbial & Plant Biotechnology, Molecular Cell Biology, Neurobiology, Ecology)

Computer Science

- Master Computer Science

Electrical & Computer Engineering

- Master Electrical & Computer Engineering
- European Master Embedded Computing Systems
- Master Embedded Computing Systems
- Master Automation and Control

Interdisciplinary Master Program

- Commercial Vehicle Technology CVT

Mathematics

- Master Mathematics
- Master Mathematics International
- Master Technomathematics
- Master Econometrics
- Master Actuarial & Financial Mathematics

Physics

- Master Advanced Quantum Physics
- European Master Quantum Technologies and Engineering (QuanTEEM)

Social Science

- Master Cognitive Science

Postgraduate Distance Studies

offered by The Distance & Independent Study Center (DISC)

- Human Resources
- Management & Law
- Science & Engineering

<https://fernstudium.rptu.de/en>



More information: www.rptu.de/international/master
Contact for support: refinta-info@rptu.de

RPTU in Landau

Natural & Environmental Sciences

- Master Environmental Sciences
- Master Environmental Pollution Management-Ecotoxicology

The university has set up a cross-faculty structure to support internationalization and to coordinate activities and high-ranking (post)graduate programs.

International Affairs RPTU & its International School for Graduate Studies ISGS

As a one-stop office for international graduate and doctoral students, ISGS provides a broad range of highly professionalized services for incoming European and third-country postgraduates and young researchers:



- Effective pre-departure communication
- Arrangements for accommodation & arrival
- Support & guidance in administrative issues
- Language & orientation courses
- Social and family services
- Social events (excursions, hiking tours, festivities)
- Professional skills workshops
- Industrial visits
- Career services
- Networking events
- Graduation Ceremony



<https://rptu.de/en/international/home>

RPTU in the heart of Europe

Berlin	6 h
Frankfurt	1,5 h
München	5 h
Paris	2,5 h



RPTU 2024

20.000	students enrolled (approx.)
16,5%	international students
21	international graduate programs (41 specializations)
257	professorships
2.567	total RPTU staff members
103 Mio.€	external third-party-funds

With its technological & interdisciplinary profile RPTU has acquired an impressive international reputation for excellence in science and research. The university's field of research spans from fundamental to applied science, even including selected areas of R&D for industry. RPTU in Kaiserslautern is recognized as one of the largest IT clusters in Europe.

In addition to being the nucleus of the *Science & Innovation Alliance Kaiserslautern*, a local consortium of high-profile research institutes, RPTU has strong ties to national and international industries.

Among the affiliated research institutes working in close cooperation with RPTU you can find:

Fraunhofer Institute for Industrial Mathematics (ITWM)

www.itwm.fraunhofer.de

Fraunhofer Institute for Experimental Software Engineering (IESE)

www.iese.fraunhofer.de

German Research Center for Artificial Intelligence (DFKI)

www.dfki.de

Max Planck Institute for Software Systems (MPI SWS)

www.mpi-sws.org

Institute for Composite Materials (IVW) GmbH

www.ivw.uni-kl.de

Institute for Surface & Thin Film Analysis (IFOS) GmbH

www.ifos.uni-kl.de

Research Institute for Technology and Work (ITA) e.V.

www.ita-kl.de

Institute of Biotechnology and Drug Research (IBWF)

www.ibwf.de



For more information about the Science & Innovation Alliance Kaiserslautern please refer to:

<https://www.siak-kl.com/>

More information about research at RPTU:

<https://rptu.de/en/research>