M.SC. ENVIRONMENTAL SCIENCES
M.SC. ECOTOXICOLOGY

Innovative programs for highly motivated students
Meet Campus Landau!
LANDAU – A SMALL BUT VIVID STUDENT CITY!

City of Landau ..  ... and surrounding areas

Vineyards; Source: Stadtverwaltung Landau in der Pfalz
- Region shaped by viniculture
- Mild climate
- Great number of historic places & castles
- Between the Palatinate Forest - the largest continuous block of forest in Central Europe, part of a trans-border biosphere reserve with France – and the Upper Rhine lowlands
- Excellent possibilities for outdoor activities like hiking, rock climbing or mountain biking
FACTS & FIGURES

University of Koblenz-Landau

- 2 campuses: Koblenz and Landau (about 150 km apart)
- About 16,000 students
- Long tradition of teacher training courses
- Founded as university in 1990
- Since 2001 offering degrees in Environmental Sciences

Campus Landau

- 4 Faculties: Education, Cultural & Social Sciences, **Natural & Environmental Sciences**, and Psychology
- International master’s program in **Ecotoxicology** since 2009, and **Environmental Sciences** since 2015
The Institute of Environmental Sciences has evolved very dynamically since its founding in 2004 and is now the leading university institute for environmental sciences in Germany.
THE INSTITUTE FOR ENVIRONMENTAL SCIENCES
MASTER IN ENVIRONMENTAL SCIENCES

Two main characteristics:
• Interdisciplinarity
• Strong focus on practical skills

Goal of the program:
• Students have the ability to analyze and solve complex environmental problems in an interdisciplinary context.
MASTER IN ENVIRONMENTAL SCIENCES
PROGRAM STRUCTURE

1st semester (winter semester)

Compulsory part (6 modules, 36 ECTS)
- Tools for Complex Data Analysis (6 ECTS)
- Fate and Transport of Pollutants (6 ECTS)
- Land Use and Ecosystems (6 ECTS)
- Environmental Economics (6 ECTS)

2nd semester (summer semester)

Additional module (1 module, 6 ECTS)

Elective part (9 modules, 54 ECTS)
- Elective subject 1 (4 modules, 24 ECTS) from the elective part
- Elective subject 2 (4 modules, 24 ECTS) from the elective part

3rd semester (winter semester)

Sustainability and Global Change (4 ECTS)

Research and Training Internship (8 ECTS)

4th semester (summer semester)

Master Thesis (30 ECTS)

ECTS = European Credit Transfer System; The winter semester runs from mid October to mid February; the summer semester from mid April to mid July.
Any two elective subjects, each containing 4 modules, can be combined freely from the above list.

- Studies the effects of toxic chemicals on biological organisms, at all levels of biological organization.
- Multidisciplinary field, which integrates ecology, toxicology, chemistry, physics, social sciences, ...
- Goal is to predict the effects of pollution
  - Most efficient and effective action to prevent or remediate any detrimental effects
  - Restore ecosystem services and functions efficiently and effectively
MASTER IN ECOTOXICOLOGY

Three main aims:

- Provide students with a decent knowledge about...
  - ...fate and behaviour of chemicals in the environment, ...
  - ...effects of these on organisms and ecosystems, ...
  - ...risk assessment and management.
- Teach students how to...
  - ...plan, conduct, and analyse their own studies, ...
  - ...use the latest methods and tools.
- Bring them in contact with their future employers.
MASTER IN ECOTOXICOLOGY – PROGRAM STRUCTURE

1st semester (winter semester)
- Principles of Ecotoxicology
- Fate and Transport of Pollutants
- Tools for Complex Data Analysis
- Environmental Chemistry Lab Course
- Toxicology and Pharmacology

2nd semester (summer semester)
- Methods in Ecotoxicology
- Molecular Ecology I

3rd semester (winter semester)
- Models in Ecotoxicology
- Risk Assessment and Management

4th semester (summer semester)
- Master’s Thesis and Colloquium (30 ECTS)

Compulsory modules in Ecotoxicology (9 modules, 55 ECTS)

Optional modules (2 modules, 12 ECTS)
- from the subjects ACP, AEC, GEO, SEM

Applied Module at External Organizations (1 module, 10 ECTS)

Research Project Course (1 module, 12 ECTS)
ENVIRONMENTAL SCIENCES / ECOTOXICOLOGY
CAREER PROSPECTS

- No single employment track
- Many opportunities within and beyond Germany

- Possible employers
  - Scientific facilities and research institutes
  - Authorities, public offices and ministries with a regulatory role
  - Non-governmental organizations
  - Industry and consulting enterprises

- The degree also qualifies students for doctoral programs
APPLICATION REQUIREMENTS

- BSc in Environmental Sciences, Geoscience or Natural Sciences

- Disciplinary qualifications include (red is required)
  - Biology / Ecology
  - Chemistry
  - Mathematics / Statistics
  - Physics
  - GIS
  - Geoecology
  - Social sciences

- Good active and passive English language skills (at least B2)
APPLICATION

Applicants with a non-German bachelor’s degree apply via uni-assist

APPLICATION DEADLINE

For the winter term 2019/2020: July 15, 2019
FINANCES - COSTS

- No tuition fees!
- Semester Contribution
  - 135.80 euro per semester
  - Social contribution paid by all enrolled students
- Subsidising services for students
  - Student Services
  - Student Union
  - and contribution to semester ticket (allows to purchase ticket at a reduced price)
Living Costs

Accommodation: about 300-400 euro per month

About 400 euro per month to cover other costs of living (including health insurance, internet, food, clothes, study materials etc.)

In total: minimum of 720-800 euro per month
FINANCES – FUNDING OPTIONS

➢ Scholarships

➢ Scholarships of University of Koblenz-Landau
➢ Successful Start Scholarship
➢ Partnership Scholarship

https://www.uni-koblenz-landau.de/en/international-en/incomings/scholarship
FINANCES – FUNDING OPTIONS

➢ Scholarships

➢ Scholarships of other institutions

➢ DAAD (scholarship database under: www.daad.de/en)

➢ German foundations (e.g. http://www.stipendiumplus.de/en/deinplus/stipendiumplus-who-we-are.html or www.mystipendium.de)

➢ Foundations in home country
FINANCES – FUNDING OPTIONS

➢ Part-time jobs

➢ Keep in mind the work load of your study program!

➢ Students from the European Union (EU) usually have free access to the German job market.

➢ Students need to find part-time jobs on their own.

Picture: colourbox.de
SERVICES FOR STUDENTS - FACILITIES

Student Services (Studierendenwerk)
- Student Halls
- Cafeteria / canteen on campus
- Kindergarten

University Library
Computing Center
Sports Facilities
Language Learning Center
SERVICES FOR STUDENTS – GENERAL SUPPORT

International Office – Welcome Center

Counselling Services

Entrepreneurial Office

Interdisciplinary Graduate Center

Media Center

KSB – Center of Excellence for Study & Career

IWM – Knowledge Media Institute
SERVICES FOR STUDENTS – STUDENTS SUPPORT STUDENTS

Student Union (AStA)

„Fachschaften“ (Departmental student representatives)

Cinema-on-Campus (Unikino)

Specific International Focus

AIESEC

ESN IPAS
ARRIVING IN LANDAU –
Welcome Days on Campus Landau

- Information about the University
  - Class schedule
  - Using the library
  - How to organize your day to day life at the university
  - How to obtain scholarships
  - …

- Information for everyday life
  - Living in Landau
  - German culture
  - German language courses
  - How to use the public transport
  - How to get a job
  - …
SERVICES FOR STUDENTS

STAIR

Scientific Writing and Presenting

- Master writing conventions for academic texts and improve your ability to order your ideas and express them clearly and concisely.

- Learn to present clearly and concisely, and to communicate your message persuasively through oral communication.

Getting ready for the German Job Market
WELCOME ACTIVITIES

- City Trips to Heidelberg, Strasbourg…
- Monthly Gatherings
SEVEN GOOD REASONS TO STUDY IN LANDAU

1. Degree program with a future

2. Excellence in research and teaching

3. Individual profile through specialization

4. Practical experience

5. Moderate costs

6. Networking

7. Study in the heart of Europe
WHO TO CONTACT…

General or administrative questions

» Welcome Center Landau – Ms Manuela Roth
  » Email: maroth@uni-koblenz-landau.de

Program related/academic questions

» Ecotoxicology: Program Advisor – Dr Jochen Zubrod
  » Email: zubrod@uni-landau.de

» Environmental Sciences: Program Advisor – Mr Sören Weiß
  » Email: weiss-soeren@uni-landau.de

Questions regarding application through uni-assist

» Registration Office for Internationals – Ms Sophia Bergmann
  » Email: sbergmann@uni-koblenz-landau.de
THANK YOU FOR YOUR ATTENTION!