



Career Prospects

With a doctoral degree in epidemiology, you will enjoy a wide range of exciting career opportunities. As an epidemiologist, you will become a sought-after expert in public health, able to lead research teams in academia, government agencies, or prestigious research organizations. Your expertise in disease surveillance and outbreak investigations will shape public health policies, while your knowledge of epidemiological methods can contribute to drug development and safety assessments in pharmaceutical companies.

Your skills in data analysis and research design will also open doors to consulting positions, providing valuable insights to organizations in various sectors. Ultimately, a doctoral degree in epidemiology equips you for a fulfilling career making a positive impact on society.

Entry Requirements

- A Master's degree in epidemiology, biostatistics, data science, computational sciences, mathematics, or related fields, including life sciences (e.g., biology, pharmacy, and nutritional sciences), or a degree in human or veterinary Medicine.
- Holders of a Master's degree in physics, engineering, economics, or other fields with a strong quantitative background may also be admitted.

Applications can be made by direct inquiry, whereby the semester enrolment deadlines at the end of August for the winter semester and the end of January for the summer semester must be observed (extensions are possible). In accordance with the university rules, a supervisor and funding opportunities need to be identified to enable admission.

Please send your request or questions to phd-epidemiology@meduniwien.ac.at

We look forward to hearing from you!

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Coordination and Administration,
Doctoral Program Epidemiology



Imprint: Publisher and media owner: Markus Müller, Rector. Medical University of Vienna. Responsible for content: Center for Public Health. Corporate Communications: Johannes Angerer. Photo credits: cover NicoElNino/Shutterstock, ImageFlow/Shutterstock, somchai/Shutterstock, sdecoret/Shutterstock, sheff/Shutterstock, Published: April 2024



**MEDICAL UNIVERSITY
OF VIENNA**

Doctoral Degree in Epidemiology

Embark on an exhilarating journey of exploration in the field of epidemiology, where postgraduate students unravel the complexities in patterns of diseases and environments across populations

meduniwien.ac.at/un790/epidemiology

UN790 Doctoral Degree in Epidemiology

Picture an academic environment buzzing with intellectual energy, where brilliant minds converge to unravel the intricate mysteries of disease patterns and public health. In this doctoral program in epidemiology, students embark on an exhilarating journey of exploration, driven by a deep passion for comprehending the complex interactions between diseases, populations, and environments. In addition to a compelling combination of rigorous coursework, state-of-the-art research, and hands-on fieldwork, students also delve into the intricacies of epidemiological methods, statistical analysis, and study design. They collaborate closely with esteemed faculty members, engaging in stimulating discussions and forging lifelong connections within the scientific community.

This program fosters the growth of future epidemiologists, empowering them to make groundbreaking contributions to public health, enhance healthcare policies, and ultimately, save lives.



Program Structure

The program comprises a combination of compulsory and elective courses and state-of-the-art research projects in line with the UN790 doctoral curriculum at the Medical University of Vienna.

To successfully graduate, over a period of minimum 6 semesters, you will:

- complete course work in different teaching formats ranging from basic lecture series introducing various areas of specialization and highlighting quantitative methods to more hands-on practical seminars and journal clubs aiming to improve presentation skills and critical evaluation of published research articles
- develop, submit and defend your thesis proposal
- get feedback at regular committee meetings
- present your work to peers at PhD symposia
- compile a cumulative dissertation based on three research papers
- defend your thesis at your doctoral viva

Areas of Specialization

You will have the opportunity to train and conduct research projects with renowned faculty members in their respective expertise domains, including chronic and infectious diseases:

- Environmental and occupational epidemiology
- Nutritional epidemiology
- Social epidemiology
- Life-course epidemiology
- Pharmacoepidemiology
- Molecular epidemiology and biomarker discovery
- Vaccine epidemiology
- Modeling of disease outbreaks
- Disease surveillance and outbreak management
- Epidemiology of aging
- Cancer epidemiology and prevention
- Cardiovascular epidemiology
- Methods development for causal inference and evidence synthesis