

Head of the PhD Program

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Prof. Dr. rer. nat.
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Prof. Dr. med.
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General information regarding the PhD program can be found on the website of the Institute for Medical Informatics, Biometry and Epidemiology at the University Medicine Essen. To access, please use the link <https://imibe.uk-essen.de/phd/>.

Please send your complete application by **December** via email to:

Coordinator of the PhD Program
“Epidemiology and Clinical Research”
epicr@uk-essen.de
Tel.: +49 201 723-77288

Information on applying can be found on our website at :
<https://imibe.uk-essen.de/phd/>



Epidemiology is an interdisciplinary oriented field. PhD students traditionally proceed to their epidemiological doctorate coming from various scientific branches.



**Universitätsklinikum
Essen**
Hufelandstr. 55
45147 Essen

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Campus Dortmund
Emil-Figge-Str. 72
44221 Dortmund

tu technische universität
dortmund



Campus Bochum
Universitätsstr. 150
44801 Bochum

RUHR
UNIVERSITÄT
BOCHUM

RUB

In collaboration with the School of Public Health, Boston University, USA



Students can easily get to the different college grounds within 30 minutes using public transport.

The possibility to visit seminars at different locations offers you the opportunity to optimally cover your own scientific interests.



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PhD in Epidemiology and Clinical Research

Epidemiology (Epi) investigates the occurrence and causes of diseases from a population-based perspective. Among other things, epidemiological findings serve health promotion, prevention, and the qualitative assessment of the healthcare system.

Clinical research (CR) includes the areas of prevention, diagnosis, and prognosis, and describes the applicability of scientific epidemiological findings with regard to specific medical questions in the daily clinical routine.

In the course of the Program, the PhD candidates are actively involved in science.

At the end of their studies the PhD candidates should be able to conduct epidemiological and clinical studies independently, and in due consideration of good epidemiological practice. The multidisciplinary as well as international approach of the PhD program creates ideal prerequisites for a subsequent scientific career.



“As a physician and clinician scientist, I intend to continue conducting research in the field of cerebrovascular diseases in the future. The PhD program provides the methodological skills required for this at a top level and has already profoundly changed my perspectives on various aspects of epidemiology and clinical research. In addition, the program offers a unique opportunity for networking with other colleagues interested in epidemiology across disciplines. Thus, applying to the PhD program was one of the best decisions I have made in recent years.”

Dr. med. Gerrit Große, Hannover Medical University

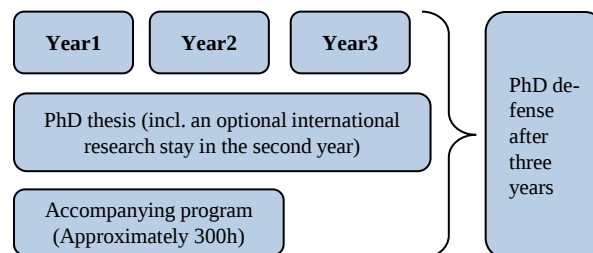
The program starts every year in April.

Module	Status	LP*
Core module epidemiology	compulsory	100
Core module biometry/statistics	compulsory	40
Core module statistical analysis programs	compulsory	40
Core module medicine	compulsory	20
Int. guest lecturer from the field of epidemiology (Internationalisation@Home)	compulsory	35
Modules for all doctoral students according to PhD regulations	compulsory	4
Research competencies	compulsory / optional compulsory	26
Optional modules	Compulsory/free choice	35
Total		300

*part of the program in LP = lesson periods of 45 minutes

Entry requirement for the structured PhD program is a completed degree (300 ECTS) thematically related to epidemiology. The final decision about an applicant's admission is made after a personal interview.

The core teaching units are taught as modular compact courses. Professors and scientists from the UA Ruhr as well as international guest lecturers are involved in teaching. The working language is English; annual PhD retreats round off the program.



The Industrial Age has left its marks in the entire Ruhr area: industrial monuments like the world cultural heritage Zollverein, or the Krupp Dynasty's former cast steel factory are popular excursion destinations.

More than five million people live in the Ruhr area where science and culture are successfully joined. Currently, 250.000 young people are studying at more than 20 institutions of higher education.

In Essen, Dortmund and Bochum there are many opportunities to spend one's spare time.

In Essen, one can visit the Gruga park during the day and go out in Rüttenscheid at night.

In Dortmund, there are public parks to enjoy as well as many different museums.

Bochum has more than twenty theaters offering musicals, concerts, traditional theater, and much more; and the Bermuda3eck offers anything a night owl might wish for.



Last but not least, major events such as the Ruhrtriennale or the "Extraschicht" that are collectively organized by the Ruhr cities make the metropolitan area one of the cultural capitals in Europe. All of the three university locations promise cultural diversity and high quality of life for the people living and learning there.



“The PhD program offers excellent lectures on all aspects of clinical and epidemiological research, from study planning to scientific writing. Discussions within the group and with senior researchers deepen the understanding of scientific methods and directly impact research projects. Being part of this program clearly boosts the quality of my research activities.”

PD Dr. med. Nora Bruns, University Hospital Essen