

RUHR-UNIVERSITÄT BOCHUM



GEOGRAPHY IN BOCHUM

RUB



BOCHUM AND THE RUHR METROPOLIS

WELCOME TO
UNIVERSITY BOCHUM



Bochum, a lively university city with 370,000 inhabitants, is situated in the heart of the Ruhr area. With its five million inhabitants, this area is the largest economic region in Europe. Where once coal dominated, the service and education sector have long since taken over.

Metropolis Ruhr

Since the 1960s, with fourteen universities and over 150 other non-university education, research, and development facilities, the Ruhr area has become one of the most important scientific landscapes in Europe.

And that's not all it's famous for: its variety of theatres, concert halls, cinemas, and museums also make the Ruhr metropolis Europe's densest cultural landscape - reflected in winning the award for *Europe's Capitals of Culture 2010*.

In **Bochum** alone, more than forty theatres, including the famous *Schauspielhaus Bochum* offer a wide range of entertainment. The Bochum Symphony Orchestra plays at different venues, including the RUB campus. The unique German Mining Museum, the Museum Bochum, the Planetarium, and numerous smaller museums and galleries are waiting to be explored. In the **Bermuda3Eck**, the largest pub district of the Ruhr area, more than 75 pubs, bars, and restaurants invite you to linger.

The other cities of the metropolitan region are within easy reach: Thanks to a dense local transport network, the world heritage site *Zeche Zollverein* in Essen or the Landscape Park Duisburg-Nord are only a stone's throw away. Even Cologne, Dusseldorf, Münster or Aachen can be accessed quickly by train or by car.

RUHR-UNIVERSITÄT BOCHUM



Located in the midst of the vibrant metropolitan area of the Ruhr, the **Ruhr-Universität Bochum (RUB)** boasts more than 5,000 employees and over 36,500 students from 130 countries. All major scientific disciplines are united on one compact campus: Humanities, Engineering Sciences, Natural Sciences and Medicine.

The RUB is on its way to becoming one of the leading European universities of the 21st Century. Almost all courses are offered as **Bachelor and Master degree programs**.

Unlike a number of traditional universities, the buildings of the RUB are all centralized on one campus. Although the university is notorious for its sixties architecture, mainly consisting of 14 almost identical high-rise buildings, its location at the edge of a green belt on top of the Ruhr valley is rather scenic.

GEOGRAPHY DEPARTMENT



The **Geography Department** is part of the Faculty of Geosciences at the RUB. At present about 1,400 students follow either a Bachelor or a Master degree program in geography. The Geography Department offers a wide range of subjects and expertise in:

Physical Geography

Human Geography

Geomatics

Didactics

The Department of Geography provides a comprehensive range of state-of-the-art services providing diverse learning and research opportunities:

- A specialised library for geosciences
- A map archive as well as an archive for aerial and satellite images
- Three PC-rooms
- An eLearning lab
- A scientific lab
- Hard- and software for the management and visualization of geodata and geoinformation
- Two climate measurement stations etc.



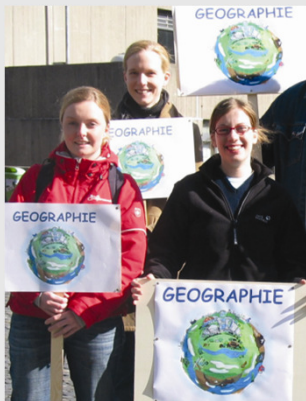
STUDYING GEOGRAPHY IN BOCHUM



Courses taught at the Department of Geography span the following disciplines and topics:

- Principles of physical geography: soil science, plant and climate geography, geomorphology
- Principles of human geography: urban space, economy and society, globalization, geographical development studies
- Principles of geomatics: remote sensing, cartography and GIS
- Overview of European landscapes and ecosystems
- Introduction into urban planning and development
- Principles of neighboring disciplines: economics, statistics, geosciences, botany, chemistry
- Optional courses (e.g. urban, estate or retail development, tourism, environmental impact, noise, soil development, remote sensing, multimedia and web-based cartography)
- Geography didactics

BACHELOR AND MASTER PROGRAMM



The RUB offers four geography courses: two Bachelor and two Master degree programs:

- Bachelor of Science (B.Sc.)
- Bachelor of Arts (B.A.): two fields of study
- Master of Science (M.Sc.): three fields of specialization
 - Urban and landscape ecology
 - Urban and regional development management
 - Geomatics
- Master of Education (M.Ed.)

Teaching at Ruhr-Universität Bochum is mostly in German. Course language at the Geography Department is also German.



CONTACT



Ruhr-Universität Bochum

http://www.ruhr-uni-bochum.de/index_en.htm

International Office

<http://www.international.ruhr-uni-bochum.de/intoff/index.html.en>

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