



Why do people study physics?

- Academic studies in physics amount to professional training in finding solutions. Wherever standard solutions don't do the job, physicists are called in to find solutions by 'thinking out of the box'.
- The job prospects for people with a physics degree are excellent. According to the German magazine Stern, trained physicists are 'given a royal welcome on the job market'.
- In the 'job traffic light' published by Stern to compare the prospects of graduates in various fields, physics and medicine were the only two professions that were given a 'green light' rating on all counts.
- Although no one would argue that academic studies in physics are easy, the degree is a key that opens doors to jobs ranging from banker to researcher.

Fields of work for physicists:

- About half of the physicists in Germany work in industry or business—mainly in research and development. However, physicists also work in production, sales and quality assurance.
- Roughly a third work for universities or other institutions of higher learning, research centres or government agencies.
- Advising companies, analysing developments on the stock market for banks and organizing information flows are not activities that spring spontaneously to mind when you think of work fields for physicists. Yet physicists work at all of these places and many more.

Academic Guidance

- **Bachelor und Master**
Duisburg Campus
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- **Teacher Training in Physics**
Essen Campus
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- **Additional Information**
www.physik.uni-duisburg-essen.de



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Academic Studies in Physics

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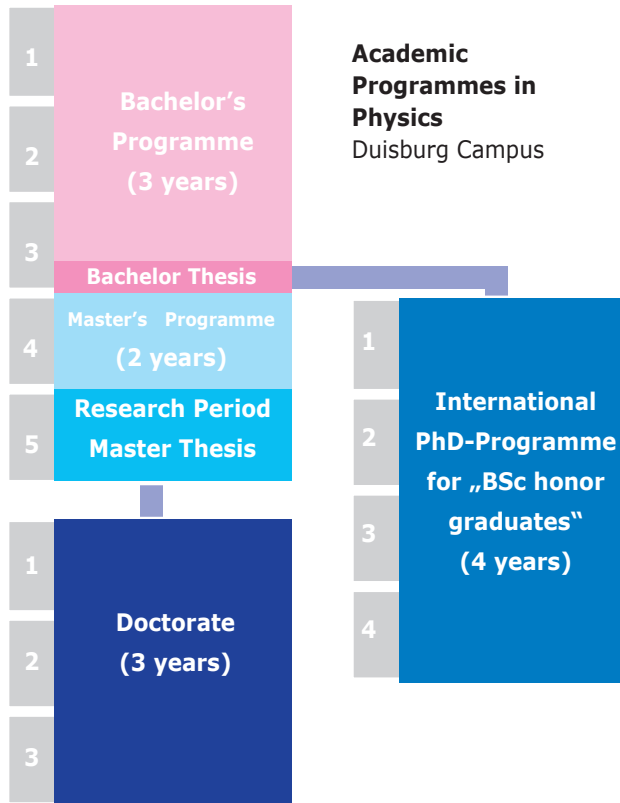


Why do people study physics at the University of Duisburg-Essen?

- The Faculty of Physics at the University of Duisburg-Essen is a cooperative research institute with an outstanding track record. It has attracted generous grants and other kinds of funding that allow it to carry out innovative research projects. Incidentally, we are not alone in this opinion: in the Excellence Ranking conducted by the Centre for University Development (German: CHE), which evaluated 500 faculties at approximately 250 universities in 20 European countries, the University of Duisburg-Essen came in number one in North Rhine-Westphalia and number seven among all universities in Germany.
- Students looking for top-notch academic guidance and a fast track to the degree are at the right place in the Faculty of Physics at the University of Duisburg-Essen. Official office hours for professors are unheard of as are overfilled lecture halls.
- In the Faculty of Physics at UDE, students are integrated into one of the many research groups early on in their studies.
- Research in physics crosses national boundaries. Physicists working at the University of Duisburg-Essen cooperate with research groups worldwide. Students are given a chance to become part of this international research community by presenting research results at international conferences.
- At the University of Duisburg-Essen the focus is on cutting-edge research topics. The nanosciences are one of the Priority Research Areas at the University of Duisburg-Essen. The German Research Association (German abbreviation: DFG) recently approved project funding of 6.2 million euros.

Bachelor's

- **Trial university studies for pupils**
For more information see www.physik.uni-duisburg-essen.de



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University of Duisburg-Essen?

- **Duisburg's** real face has been quite different from its reputation for quite some time now. Once a centre of the coal and steel industry with serious air pollution problems, the city has recently attracted attention European-wide for its successful urban planning. The Inner Harbour and the Dell Quarter are attractive entertainment and cultural centres. Despite this, the city has managed to hold down rents (4.9 euros/sq.m. in comparison with 7.50 euros/sq.m. in neighbouring Düsseldorf) and general costs of living. This makes Duisburg an ideal place for students. And that's not all: according to the German news magazine Focus, the city has a watering-hole density of 8 pubs for every 100 students.
- **Essen** has demonstrated, with the 'Love Parade' being the latest example, that it can be a magnet for young people. In 2010 the city will be the 'Cultural Capital of Europe' and Essen will be the hub of the 'Ruhr 2010' activities. With the UNESCO Cultural Heritage site at the former Zollverein Coal Mine and a rich diversity of cultural offerings and the nationally acclaimed Philharmonic Hall and Opera House the city offers an attractive and stimulating environment for young academics.



Campus Duisburg