Facts and figures

Start: Winter and summer semesters
Duration: 4 semesters
Degree: Master of Science
Language: German
Admission not restricted

Application and enrolment

Admission requirements
General admission requirements:
www.uol.de/stud/213en

Language skills:
German native speaker or DSH 2

Application
Application deadline: 30 September or 31 March

German university degree:
Online application
www.uol.de/studium/bewerben/master

EU or international applicants:
www.uol.de/en/application/international-students/master

Further information

Physics website
www.uol.de/en/physics/studies/courseofstudies/mphy
www.uol.de/en/physics/research

Degree programmes at the University of Oldenburg
www.uol.de/en/students/degree-programmes

Financing your studies
www.uol.de/en/students/fees/financing-your-studies

Optional period abroad
www.uol.de/en/going-abroad

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Physics (M. Sc.)

The Physics Master's programme is research-oriented and imparts comprehensive, in-depth knowledge within the overall discipline of physics. Furthermore, this degree programme trains students in the specialised areas of physics offered at the University of Oldenburg.

Students learn to carry out scientific work through the examination of current problems in an independent, problem-oriented, interdisciplinary and responsible manner, presenting their results in a coherent way. They should be able to quickly grasp modern, complex issues and problems, independently and creatively develop effective solutions and devise practical applications for them.

Career opportunities

The Master's degree offers a wide variety of professional opportunities in various fields:

- Basic and applied physics research
- Technical development
- Teaching
- Banking and insurance
- Consulting
- Patents
- Administration
- Academic career (PhD)

Commenting on the excellent professional opportunities, the German Physical Society (DPG) writes: "We continue to face a shortage of qualified specialists. The current demand corresponds to almost two complete years of Physics graduates. And physicists will remain in demand in the future."

(DPG press release 3/2010)

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MASTER OF SCIENCE 120 CP

Specialisation

The physics elective modules can be completed without exams and enable students to move on to more advanced studies in their chosen fields of physics.

The research phase in the third semester consists of two modules that together make up 30 CP. These modules support specialisation and prepare students for their Master's thesis.