



Basic facts about Hamburg and UHH

- Second biggest city in Germany (1.800.000 inhabitants), located in northern Germany
- Very international and open minded
- Good infrastructure and public transport (ticket available for Hamburg and **Germany** as a student of the UHH)
- Lot's of sights/ culture/ museums/ concerts/ events/ bars/ parks/ beautiful escapes around the



- < 40.000 students
- Spread all over town, no campus uni
- „Attendance University“ (few online classes)
- one of eleven universities to be awarded the status of University of Excellence (4 clusters of excellence, two of them in the department of physics)
- lecture times are from April to mid-July (summer) or mid-October to early February (winter)
+ exams

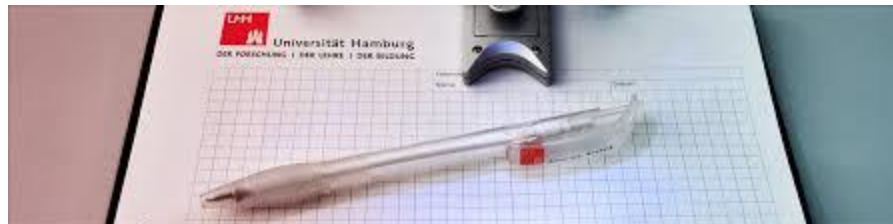


What programmes do we offer?

Bachelor of Science in Physics

- 6 terms
- 6 basic modules in Experimental Physics (...)
- 3 basics modules in Theoretical Physics (...)
- 2 basics lab courses + 1 advanced lab course
- 4 basic modules in mathematics
- Seminars in different areas of physics
- 2 basic modules in Astrophysics and/or Biomedical Physics

-> all of the classes are taught in German for now (B2-level highly recommended!)



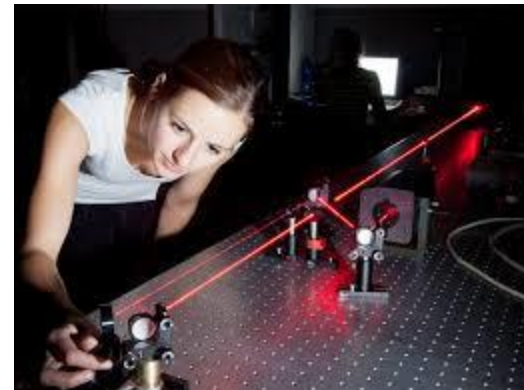
What programmes do we offer?

Master of Science in Physics

- 4 terms (two years)
- first 2 terms to cover modules in 5 areas of specialisation:
 - > Accelerator and Elementary Particle Physics (E/T)
 - > Solid State and Nanostructure Physics (E/T)
 - > Laser Physics and Photonics (E/T)
 - > Astronomy and Astrophysics (E/T)
 - > Biomedical Physics (E)

roughly 50 modules per term are offered

- mostly lectures + exercises
- usually 5-8 ECTS per module
- written or oral exams by the end of the term
- lot's of interesting seminars
- all of the classes are taught in English



What modules do we offer?

Most popular modules...

- > Fundamentals of photovoltaics
- > Advanced solid-state physics
- > Biomedical physics II
- > Introduction to string theory
- > Physics of the standard model
- > Superconductivity
- > Advanced particle physics
- > General theory of relativity
- > Stellar and planetary atmospheres
- > Theory of photon-matter-interactions
- > Quantum mechanics II



- **all modules can be chosen without prerequisites!**

- Module catalogue: <https://www.physik.uni-hamburg.de/studium/dokumente/modulhandbuch-master-physikphysics-engl.pdf>

Why study Physics at UHH?

- Students are given the opportunity to participate in current research projects through scientific institutions such as: the Center for Optical Quantum Technologies (ZOQ), the Center for Free Electron Laser Science (CFEL), and close cooperation with the German Electron Synchrotron (DESY)
- ~ 40 professors, 6 institutes with different sub-groups, some of them in cooperation with DESY, CFEL (Center for Free-Electron Laser Science), Max Planck Institute (all on one campus), or the university hospital (UKE)
- No prerequisites for master modules, enough places in every class



Support for international students of Physics at UHH



- Welcome week (usually 2 weeks before the start of the term), language classes, language tandems, events and workshops, „International nights“ organised by PIASTA
- MIN Faculty Buddy programme: <https://www.min.uni-hamburg.de/en/internationales/studierendenmobilitaet/incomings/leitfaden.html>
- Many different German classes



Who to contact for questions?

Academic Office of Physics: <https://www.physik.uni-hamburg.de/en/studium/studienbuero.html>

Information on our programmes: <https://www.physik.uni-hamburg.de/en/studium/studiengaenge.html>

Who to talk to: <https://www.physik.uni-hamburg.de/en/studium/studienbuero/personen.html>

