

List of compulsory courses according to the student's research field

General and Interdisciplinary physics	Theoretical condensed matter physics	Astrophysics	High energy physics	Experimental condensed matter physics	Atomic, molecular, and laser physics and electrooptics	Biophysics
Quantum physics 3	Quantum physics 3	Quantum physics 3	Quantum physics 3	Quantum physics 3	Quantum physics 3	Quantum physics 3
Statistical mechanics	Statistical mechanics	Statistical mechanics	Statistical mechanics	Statistical mechanics	Statistical mechanics	Statistical mechanics
Experimental experience project	Experimental experience project	Experimental experience project	Experimental experience project	Experimental experience project	Experimental experience project	Experimental experience project
Mathematical methods in physics <i>or</i> Computational methods in physics (*)	Mathematical methods in physics <i>or</i> Computational methods in physics (*)	Mathematical methods in physics <i>or</i> Computational methods in physics (*)	Mathematical methods in physics <i>or</i> Computational methods in physics (*)	(*)	(*)	(*)
(*)	Condensed matter 2	Radiation and matter in the Universe	Quantum physics 4	Methods of experimental physics	Lasers, non-linear and ultrafast optics	Physics of soft matter
(*)	Condensed matter 3	Dynamical universe	Particles 1	Condensed matter 2	Quantum optics	Physics of the living cell
(*)	Many body physics 1	Plasma physics	Quantum field theory 1	Signal and noise	Methods of experimental physics <i>or</i> Methods of experimental atomic physics (*)	Lasers, non-linear and ultrafast optics
(*)	Selected chapters in condensed matter	Back of the envelope physics	Gravitation 2	Electronics	(*)	Back of the envelope physics

- The corresponding research field should be clearly marked.
- (*) means that the adviser has to choose (if two courses are listed in the cell) or write down (if the cell is empty) the course which should be studied.
- First three courses should be taken during the first year of the studies.
- Experimental experience project should be taken in the first semester of the studies.
- One elective course should be taken in addition to the list. The elective course should be *not* in the research field of the student.
- Three seminars should be taken during 4 semesters.
- Summarizing seminar should be given by the student in the 4th semester.

Student's name

Signature

Adviser's name

Signature

Teaching committee approval