

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 (4121)	Quantum physics 3 (4121)	Quantum physics 3 (4121)	Quantum physics 3 (4121)	Quantum physics 3 (4121)	Quantum physics 3 (4121)	Quantum physics 3 (4121)
Statistical mechanics (4171)	Statistical mechanics (4171)	Statistical mechanics (4171)	Statistical mechanics (4171)	Statistical mechanics (4171)	Statistical mechanics (4171)	Statistical mechanics (4171)
Mathematical methods in physics (4221) <i>or</i> Computational methods in physics (5231) (*)	Mathematical methods in physics (4221) <i>or</i> Computational methods in physics (5231) (*)	Mathematical methods in physics (4221) <i>or</i> Computational methods in physics (5231) (*)	Mathematical methods in physics (4221) <i>or</i> Computational methods in physics (5231) (*)	(*)	(*)	(*)
(*)	(*)	Matter and radiation in the Universe (4701)	Quantum physics 4 (4131)	Methods of experimental physics (4611)	Lasers, non-linear and ultrafast optics (4331)	Soft matter physics (5121)
(*)	Solid state 3 (4141)	Dynamical universe (4711)	Particles 1 (4161)	Solid state 2 (5251)	Quantum optics (4321)	Physics of the living cell (5351)
(*)	Many body physics 1 (4201)	Plasma physics (4281)	Quantum field theory 1 (4441)	Signal and noise (5001)	Methods of experimental physics (4611) <i>or</i> Methods of experimental atomic physics (5271) (*)	Lasers, non-linear and ultrafast optics (4331)
(*)	Selected topics in solid state (4151)	Physics on the back of the envelope (5291)	Gravitation 2 (4191)	Electronics (1-2631)	(*)	Physics on the back of the envelope (5291)
Seminars						
	Monday Condensed Matter	Astrophysics	High energy physics	Monday Condensed Matter	Lasers	

- 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 two courses should be taken during the first year 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