

Study plan Master of Science Physics (starting winter term 23/24)



| Master of Science | Semester | Experimental physics | Theoretical physics | Focus area | Minor subject | Key qualifications | Master's thesis |
|-------------------|----------|---|---|--|---|--------------------------------|---|
| | | 9-18 CP | 6-18 CP | 15-25 CP | 5-18 CP | 5-15 CP | 60 CP |
| First year | 1 | Elective modules experimental physics (astro/bio/solid state/nuclear and particle/plasma) | Elective modules theoretical physics (thermodynamics and statistical/advanced quantum mechanics/general relativity) | Specialised lecture/seminar/ advanced lab work (astro/bio/solid state/nuclear and particle/plasma) (oral exam 2 CP) | Physics-related courses of other faculties (e.g. math, engineering, etc.) | e.g. C++ or Scientific Writing | |
| | 2 | Elective modules experimental physics (astro/bio/solid state/nuclear and particle/plasma) | Elective modules theoretical physics (astro/solid state/plasma) | | Physics-related courses of other faculties (e.g. math, engineering, etc.) | Project management | |
| Second year | 3 | | | | | | Knowledge of methods and project planning |
| | 4 | | | | | | Project seminar for the Master's thesis |
| | | | | | | Master's thesis | |

Key

- Experimental physics
- Theoretical physics
- Focus areas
- Minor subject
- Key qualifications (choice)
- Key qualifications (oblig.)
- Master's thesis and preparatory courses