Study plan during your Masters: first year

**You have to take:**
- Advanced Labs (10 CP)
- Selected topics (5 CP)
- 2 “core” classes, at least one in theory (2 × 10 CP)
- Electives (together 25 CP)

**Total: 60 Credit Points (CP)**

**Theoretical physics**
- Advanced Quantum Mechanics
- Statistical Physics and Thermodynamics
- Advanced Statistical Physics
- Quantum Field Theory and Many-Body Physics

**Experimental physics**
- Advanced Solid State Physics
- Advanced Atomic and Molecular Physics
- Advanced Biophysics

- Seminar-style, MANY topics
- Experiments in groups of two, reports, seminar

- MANY TOPICS from nanoscience to quantum computing and photovoltaics
- also more of the above “core” classes
- Can be outside of physics (mostly in German)

**only summer semester**
**only winter semester**