



Module	<i>Plasma Physics Laboratory Course</i>
Code	74086
Instruction language	English
ECTS credits	2
Credit hours	One-week practical training in the recess period at the MPI Garching
Duration	1 semester
Cycle	Each winter semester
Coordinator	Dean of Physics Studies
Lecturer	Dr. Thomas Eich, Dr. Emanuele Poli
Allocation to study programs	Physics M.Sc., elective module, 1 st or 2 nd semester Wirtschaftsphysik M.Sc., elective module, 1 st - 3 rd semester
Formal prerequisites	None
Recommended prerequisites	Module <i>Plasma Physics: Fundamentals</i>
Learning objectives	Students who successfully passed this module <ul style="list-style-type: none">• are able to carry out experimental research in plasma physics
Syllabus	<ul style="list-style-type: none">• Plasma technology• Plasma crystal• Plasma interferometry• Plasma spectroscopy
Literature	Will be announced by the lecturer
Teaching and learning methods	Lecture (3 hours per week) One-week practical training in the recess period at the MPI Garching.
Workload	30 hours laboratory course (attendance time) 30 hours self-study and exam preparation Total: 60 hours
Assessment	Written or oral examination. A prerequisite for the participation in the examination is an ungraded course achievement. Form and scope of the examination and of the course achievement are determined and notified by the lecturer at the beginning of the course.
Examination	
Grading procedure	The module grade is the examination grade.
Basis for	Research in the field of Plasma Physics