

Condensed Matter Physics

Module No.: MN-P-SP-CondMat, MN-P-WaMa

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Course: Advanced Seminar

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Category	Type	Language	Teaching Hours	CP	Semester
Advanced Seminar	Seminar	English	2	3	WiSe, SuSe

Requirements for participation:

Basic knowledge of condensed matter physics

Type of module examinations:

Presentation in form of a seminar talk. Afterwards answering of questions from the audience.

Duration of the course:

1 semester

Aims of the course:

Deepening of the content of the condensed matter physics core courses in a chosen field of large current interest. Students learn to accumulate knowledge on a special subject by studying and summarizing various literature sources including scientific articles. Students learn to resume a scientific theme in an oral presentation.

Contents of the course:

Among the contents of the condensed matter physics courses each semester a special subject of great current interest is chosen. This subject is treated in small units by oral presentations given by the students. The students obtain various types of literature from the tutors which allows them to understand the subject and to summarize it in their presentation.

Recommended literature:

Depending on the chosen theme of the seminar.