

## Module 210: Research Proposal

### **Learning objectives:**

This module is aimed at acquiring basic knowledge in planning and drafting a scientific project proposal based on the existing knowledge in a specific research area. Here the students learn to prepare a sound proposal both written and oral, which helps them in planning their master thesis.

### **Course units and temporal allocation:**

Module P 210 ‚Research Proposal‘ is comprised of the following course units:

	HPW	Semester
Writing a research proposal	5	WS/SS
Seminar on research topic	1	WS/SS

*This module will be offered by all lecturers of the Master Program Polymer Science*

### **Course content:**

Before starting the master thesis, the students work on a research proposal by selecting a research topic, formulating the state of the art in the literature, identifying the main objectives of the research plan, and explaining the work plan and targets based on proposed experiments. Additionally, the written research plan will be presented in a seminar in order to improve the capabilities of presentation techniques and scientific discussion. In this way the students gain experience to work more independently on research topics and to formulate well-focused research proposals.

### **Entrance requirements:**

None.

### **Assessment:**

Written research plan (2/3 of the total grade) and oral presentation and discussion (1/3 of the total grade).

### **Work load:**

For the written research plan which covers work on literature research a total of 120 hours are envisaged, whereas the seminar on the research proposal including preparation of seminar and oral presentation results in 30 hours, total work load being 150 hours.

### **ECTS Credit Points: 5**