

Module 210: Research Proposal

(Fak225726)

Learning objectives:

This module is aimed at acquiring basic knowledge of planning and drafting a scientific project proposal in a specific research area based on the existing knowledge. 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 the experiments proposed. 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 the experience of working more independently on research topics and formulating well-focused research proposals.

Entrance requirements:

None.

Assessment:

Written research plan (two-thirds of the total grade) and oral presentation and discussion (one-third of the total grade).

Work load:

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

ECTS Credit Points: 5