

SYLLABUS

Material Science & Engineering, project course 30 credits T7009T

Materialteknik, projektkurs

Course syllabus admitted: Autumn 2023 Sp 1 - Present

**DECISION DATE
2020-02-14**

Material Science & Engineering, project course 30 credits T7009T

Materialteknik, projektkurs

Second cycle, T7009T

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	G U 3 4 5	Materialteknik	Materials Technology

Main field of study

Materials Science and Engineering

Entry requirements

Knowledge in material science equivalent to level C.

Selection

The selection is based on 30-285 credits

Course Aim

After completing the course, the student should have a deepened knowledge about a specific area of the material science and engineering. The student should develop skills to independently plan, perform and report scientifically relevant experimental studies. The student should be able to critically analyze the obtained data and determine its validity and propose improvements. Additionally, the student should be able to critically evaluate others work. Finally, the student should present the project in a scientific and attractive way. Be able to describe facts about gender equality in society and reflect these issues in science and engineering.

Contents

The project are based on ongoing research at the department.

Realization

Each course occasion's language and form is stated and appear on the course page on Luleå University of Technology's website.

Consultations and advising in the Material science laboratory.

Examination

If there is a decision on special educational support, in accordance with the Guideline Student's rights and obligations at Luleå University of Technology, an adapted or alternative form of examination can be provided. Written report and presentation at a local symposia (orally and poster).

Unauthorized aids during exams and assessments

If a student, by using unauthorized aids, tries to mislead during an exam or when a study performance is to be assessed, disciplinary measures may be taken. The term "unauthorized aids" refers to aids that the teacher has not previously specified as permissible aids and that may assist in solving the examination task. This means that all aids not specified as permissible are prohibited. The Swedish version has interpretative precedence in the event of a conflict.

Overlap

The course T7009T is equal to MPM041, T7007T

Course offered by

Department of Engineering Sciences and Mathematics

Modules

Code	Description	Grade scale	Cr	Status	From period	Title
0001	Project	G U 3 4 5	30	Mandatory	A07	

Study guidance

Study guidance for the course is to be found in our learning platform Canvas before the course starts. Students applying for single subject courses get more information in the Welcome letter. You will find the learning platform via My LTU.

Last revised

by HUL Niklas Letho 2020-02-14

Syllabus established

The syllabus was established by the Department of Applied Physics and Mechanical Engineering 2007-02-28, and remains valid from autumn 2007.