

**SYLLABUS**

# **Master Thesis, Process Metallurgy 30 credits P7003K**

**Examensarbete, processmetallurgi**

**Course syllabus admitted: Autumn 2011 Sp 2 - Present**

**DECISION DATE  
2011-10-05**

# Master Thesis, Process Metallurgy 30 credits P7003K

## Examensarbete, processmetallurgi

### Second cycle, P7003K

Education level	Grade scale	Subject	Subject group (SCB)
Second cycle	U G#	Processmetallurgi	Chemical Engineering

## Entry requirements

Before starting final project, uncompleted courses may not exceed 30.0 ECTS for an engineering student. For a master student, uncompleted courses may not exceed 15 ECTS. The examiner will determine if the student has sufficient depth of previous and acquired knowledge to begin exam work.

## Selection

The selection is based on 30-285 credits

## Examiner

Bo Björkman

## Course Aim

After completing the course students will be able to:

- show deepened ability to independently plan and carry out a more extensive engineering project.
- apply the knowledge and skills acquired during his/her studies.
- independently analyze and reflect on chemical engineering problem areas.
- present the results in a technical-scientific report and orally in Swedish or English.

## Contents

Final project should be completed during the last year of the programme on a subject matter that is relevant to the area of specialization. Those who do the final project on a topic outside the specialized area must first appeal to 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.

For the final exam project the student shall, alone or together with another student, focus on a given task. This final project should be characteristic of a simple research project or a more advanced investigational project. The student will work independently with guidance. The final report will be given both written and orally. Time limit for final exam work: students who begin exam work and do not finish within 15 months cannot request allowance to complete that project. The department that is responsible for the examination and supervision has no obligation to complete supervision of an exam work that goes beyond the 15 month time limit.

## 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. In order to pass exam work the student is required to complete his or her own project and in addition; - present work in a written report - present work in a seminar at the department - attend at least two other student presentations

## Remarks

In the case that the exam is carried out for an external assigner, the exam should also, apart from exceptional case, be approved by the external assigner before it can finally be approved.

## Overlap

The course P7003K is equal to KGP100

## Literature. Valid from Autumn 2007 Sp 1

Not set.

## Course offered by

Department of Civil, Environmental and Natural Resources Engineering

## Items/credits

Number	Type	Credits	Grade
0001	Degree project commenced	0	U G#
0002	Written report and oral presentation	30	U G#

## Last revised

by Eva Gunneriusson 2011-10-05

## Syllabus established

Course plan approved by the Department of Chemical Engineering and Geosciences 2007-02-28.