



# FMG3801 Research seminars in Sustainable Production Development 7.5 credits

Forskarseminarier i hållbar produktionsutveckling

This is a translation of the Swedish, legally binding, course syllabus.

## Establishment

On 2020-12-08, the Dean of the ITM School has decided to establish this official course syllabus to apply from spring semester 2022, registration number: M-2020-2203.

## Grading scale

P, F

## Education cycle

Third cycle

## Specific prerequisites

Admitted to third-cycle education in production engineering or industrial engineering and management.

## Language of instruction

The language of instruction is specified in the course offering information in the course catalogue.

## Intended learning outcomes

On completion of the course, the doctoral student should be able to:

1. Summarise and describe the research breadth and actors in the area of Sustainable development in production and thus show a specialised understanding concerning the field.
2. Analyse, compare and summarise scientific and industrial results, new development tracks, scientific methodology and concepts in the multi-disciplinary field of Sustainable development in production orally and in writing critically.
3. State, describe and compare relevant academic forum and publication channels concerning Sustainable development in production.
4. Evaluate how scientific results in the area of Sustainable development in production be related to industrial use and application.

## Course contents

The major aim with the course is to give doctoral students in the area of Sustainable development in production a platform for advanced scientific and industrial knowledge in the area. Different perspectives and development in Sustainable development in production are presented in seminars of researchers, experts and doctoral students, which leads to discussions and exchange of ideas among the participants.

## Examination

- INL1 - Hand in exercise, 7.5 credits, grading scale: P, F

Based on recommendation from KTH's coordinator for disabilities, the examiner will decide how to adapt an examination for students with documented disability.

The examiner may apply another examination format when re-examining individual students.

If the course is discontinued, students may request to be examined during the following two academic years.

## Other requirements for final grade

Scope and awarded credits for the individual written homework assignment are controlled by the number of seminars that the doctoral student has participated actively in. The submitted homework assignment can be awarded a maximum of 7.5 credits, where each seminar that the doctoral student has actively participated in will give 0.5 credits for the homework assignment.

## Ethical approach

- All members of a group are responsible for the group's work.

- In any assessment, every student shall honestly disclose any help received and sources used.
- In an oral assessment, every student shall be able to present and answer questions about the entire assignment and solution.