



# AG2146 Sustainable Project Management 7.5 credits

## Sustainable Project Management

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

## Establishment

Course syllabus for AG2146 valid from Autumn 2007

## Grading scale

A, B, C, D, E, FX, F

## Education cycle

Second cycle

## Main field of study

The Built Environment

## Specific prerequisites

Sustainable Urban & Rural Development AG2143  
Human Settlements and Housing AG2501  
Urban Infrastructure AG2141  
(Permission of Instructor)

## Language of instruction

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

## Intended learning outcomes

After completing the course the students will be specifically able to:

- Integrate and apply different project management models to specific project demands and settings.
- Analyze current procedures in dealing with projects through PBL corporate case studies by the application of contemporary project management theories and models.
- Be able to implement project management methods in a cross-sectoral project environment.
- Respond more dynamically in various project environments and be able to identify complex challenges in small and large-scale infrastructure projects.
- Acquire intermediary skills in handling and working with Microsoft Project Software 2003.

## Course contents

- The Theory Block (Lectures and Short PBL Exercises on Principles of Project Management)
- The Environmental Block (ISO Standards and Environmental Practices in Companies)
- The Real-Life Practice Block (Study trips and short reports + International Companies Interactive Presentations and Discussions)
- The On-Site Experience Block (Studying large PM infrastructure project at first hand)
- The LFA Workshops Block (Logical Framework Approach dynamic group work and presentation in after sessions)
- The MS Project 2003 Lab/Workshop Work (Project Management Group Task Report)
- The Future Perspectives Block (Videos and Future Studies Lectures)
- The Assessment Block (Short Minute Papers, Plenum Sessions, Peer Review Sessions and Written Examination)

## Course literature

- Burke, R. 2003. Project management: Planning and Control Techniques, 3rd edition. John Wiley & Sons, Ltd. New York. ISBN: 0 471 98762 X
- Weiss, J. W. And Wysocki, R. K. 1992. 5-Phase Project Management: A practical Planning and Implementation Guide. Perseus Books, Cambridge. ISBN: 0-201-56316-9

## Examination

- ÖVN1 - Workshops and Exercises, 3.0 credits, grading scale: A, B, C, D, E, FX, F

- TEN1 - Examination, 4.5 credits, grading scale: A, B, C, D, E, FX, 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

Written Examination (TEN1; 3 cr)

Group Exercises and Attendance 75% (EXC1; 1,5 cr)

Workshops and Labs + (LAB1; 3 cr).

## 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.