

Syllabus

for course at advanced level

Economics of Development and the Environment
Utvecklings- och miljöekonomi

**7.5 Higher Education
Credits**
7.5 ECTS credits

Course code:	EC7418
Valid from:	Autumn 2017
Date of approval:	2015-05-07
Changed:	2016-09-08
Department	Department of Economics
Main field:	Economics
Specialisation:	A1F - Second cycle, has second-cycle course/s as entry requirements

Decision

This syllabus is established by the Departmental Board of the Department of Economics 8 September 2016.

Prerequisites and special admittance requirements

Admission to this course requires that the student has completed first-cycle courses in economics worth at least 60 higher education credits, of which 30 credits must be from the intermediate level. The student must have completed the following courses: MA1005 Mathematics (7.5 credits), EC7110 Microeconomics (7.5 credits), EC7210 Macroeconomics (7.5 credits), EC7410 Econometrics 1 (7.5 credits), and EC7411 Econometrics 2 (7.5 credits), or acquired equivalent knowledge in another way. English proficiency equivalent to English B/English 6 in Swedish upper secondary school is also required.

Course structure

Examination code	Name	Higher Education Credits
741A	Economics of Development and the Environment	7.5

Course content

Many of the world's greatest challenges concern the interaction between human and environmental systems. This course will provide an overview of the interactions between the environment and development, with an emphasis on the two-way interactions between them. Ecological constraints significantly shape the patterns of economic development, demography, wealth and poverty, while at the same time anthropogenic activities alter the physical environment. Lectures will cover theoretical models of connections, early empirical evidence and patterns in the data, and new cutting edge empirical studies at the nexus of environment and development. The course will also provide an overview of the fundamentals of environmental economics.

Learning outcomes

Upon completion of the course, students are expected to:

- *demonstrate knowledge and understanding of the models, concepts, and analytical tools discussed in the course.
- * demonstrate knowledge of patterns in the data that connection environmental quality to measures of development.
- * be able to critically evaluate empirical analyses of the interactions between development and the environment.

Education

Instruction is given in the form of lectures. The language of instruction is English.

Forms of examination

The course is examined on the basis of a written assignment, and a presentation of an empirical research paper.

Grades will be set according to a seven-point scale related to the learning objectives of the course: Passing grades are A, B, C, D, and E, where A is the highest grade and E the lowest. Failing grades are F and FX. The grade on the course is based on the grade on the written assignment (A-F) and is awarded after the successful presentation of the empirical research paper.

Assessment criteria:

A: The student demonstrates an excellent understanding of the theories, their empirical and policy implications, and their consistency with patterns in the data; and is able to critically evaluate relevant empirical studies from a sophisticated and nuanced perspective, both with respect to their contribution to the literature and their empirical quality.

B: The student demonstrates a very good understanding of the theories, their empirical and policy implications, and their consistency with patterns in the data; and is able to critically and correctly evaluate relevant empirical studies, both with respect to their contribution to the literature and their empirical quality.

C: The student demonstrates a good understanding of the theories, their empirical and policy implications, and their consistency with patterns in the data; and is able to largely correctly evaluate relevant empirical studies, both with respect to their contribution to the literature and their empirical quality.

D: The student is able to give an account of the theories, their empirical and policy implications, and their consistency with patterns in the data; and is able to demonstrate some understanding of how to evaluate relevant empirical studies, both with respect to their contribution to the literature and their empirical quality.

E: The student is able to give an account of basic theories, their empirical and policy implications, and their consistency with patterns in the data; and is able to demonstrate some, albeit flawed, understanding of how to evaluate relevant empirical studies, both with respect to their contribution to the literature and their empirical quality.

FX: The student demonstrates having some, but insufficient, theoretical and empirical knowledge.

F: The student demonstrates no substantial knowledge of the theories, patterns in the data or empirical analyses discussed in the course.

If a student receives the grade FX or F on a final written assignment, there are no restrictions on how many times they are allowed to resubmit revised assignments in order to obtain a grade of E or higher.

Interim

If the course is discontinued, students have the right to be examined on the course once per semester for three further semesters.

Misc

The course is designed to complement the courses "Development Economics" and "Climate and the Economy". Students interested in development and environment are encouraged to take the three courses as a sequence, but neither course is a prerequisite.

The course is only available to students in the Master Programme in Economics at the Department of Economics. However, the Department of Economics may allow students in other Master programmes at Stockholm University to partake providing this is allowed for by their respective Master programme syllabi.

The course is also included in the subject of econometrics.

Required reading

See the course website at www.ne.su.se.