

Syllabus

TN0061.1 Appropriate Technology for Developing Countries, Part I, 7.5 credits

U-landsteknik, del I

The course is given as course independent of study programme

Syllabus discontinued 11 October 2007

Version 1 in Slukurs. Corresponds to version 1 in Ladok

Syllabus approved

13 October 1994

The version applies to students admitted from spring 1999 to autumn 2008

The version is not a module version

Subjects

Technology

Education cycle

First cycle

Modules

Title	Code	Credits
Single module	0101	7.5

Advanced study in the main field

Grading scale

Pass / Failed

The requirements for attaining different grades are described in the course assessment criteria which are contained in a supplement to the course syllabus. Current information on assessment criteria shall be made available at the start of the course.

Language

Swedish

Prior knowledge

Biology (B), Chemistry (B), Physics (A), Mathematics (D), Swedish (B) and English (A) from Upper Secondary School.

Objectives

The course provides basic knowledge and understanding for different technical questions in relation to local conditions in developing countries with special emphasis on the rural sector.

Having completed the course, the participants will have obtained good knowledge for future international activities within technological development in developing countries and technology transfer.

Content

The level of technological development in developing countries is specific and complex nature. The variation includes both low and advanced levels of technology. The course include the following components:

- Socio-economic aspects
- Environment related local natural resources
- Land use and management
- Technology transfer
- Farming system, work and machinery planning
- Mechanization on different levels
- Energy and various energy sources
- Agriculture structure
- Storage and processing
- Horticulture
- Transport and communication

Implementation

Lectures ca 35 h

Laboratory work and exercises ca 20 h (compulsory)

Excursion ca 16 h (compulsory)

Examination

Requirements for examination

One or several written or oral examinations. Completed laboratory work and exercises.

Passed according to Examination above. Participation in compulsory exercises.

- If the student fails a test, the examiner may give the student a supplementary assignment, provided this is possible and there is reason to do so.
- If the student has been granted special educational support because of a disability, the examiner has the right to offer the student an adapted test, or provide an alternative assessment.
- If changes are made to this course syllabus, or if the course is closed, SLU shall decide on transitional rules for examination of students admitted under this syllabus but who have not yet passed the course.
- For the examination of a degree project (independent project), the examiner may also allow the student to add supplemental information after the deadline. For more information on this, please refer to the regulations for education at Bachelor's and Master's level.

Additional information

Lecturers are mainly international and national experts who have rich experiences in developing countries. The course will be conducted in the form of lectures, group work, seminars, excursions and laboratory work. Successful and unsuccessful international development projects will be discussed during the seminar.

- The right to take part in teaching and/or supervision only applies to the course date to which the student has been admitted and registered on.
- If there are special reasons, the student may take part in course components that require compulsory attendance at a later date. For more information on this, please refer to the regulations for education at Bachelor's and Master's level.

Responsible department

Department of Energy and Technology

Supplementary Information

Finalized by: Lantbruksvetenskapliga fakulteten