

# Technical Development and Society

Programme course

6 credits

Teknikens utveckling i samhällsperspektiv

TGTU37

Valid from: 2017 Spring semester

**Determined by**

Board of Studies for Industrial  
Engineering and Logistics

**Date determined**

2017-01-25

**Offered for the last time**

Autumn semester 2020

**Replaced by**

TGTU97

## Main field of study

No Main Field of Study

## Course level

First cycle

## Advancement level

G1X

## Course offered for

- Civic Logistics, Bachelor's Programme

## Entry requirements

Note: Admission requirements for non-programme students usually also include admission requirements for the programme and threshold requirements for progression within the programme, or corresponding.

## Intended learning outcomes

The aims of the course are to give a general introduction to and frame of reference for the study of technology and technological development from a societal and historical perspective. The main focus of the course is on the problems that are the subject of research at the Institute of Tema Research, Technology and Social Change.

## Course content

A selection of the topics below will form the basis of the lectures:  
The grammar of the debate on technology. Technology and ethics. Theories on technology and science. Evaluating technology from a historical perspective. New technology and old habits. Technology and time. Technology and work: A post-Nordic perspective. Technology in an international perspective. Small businesses and technology. Technology and power. Swedish technology policy in the post-war period. The mass-medial society, knowledge and the future.

## Teaching and working methods

The course is given as a serie of lectures and seminars. The students complete an essay assignment.

## Examination

UPG6	Essay presentation	1 credits	U, G
UPG5	Essay	2 credits	U, G
UPG4	Active participation at discussions	3 credits	U, G

Grades are given as 'Fail' or 'Pass'. For a Pass, the requirements are active presence in all examining seminars and an approved essay. Absence is compensated with a written analysis of the texts that have been treated. Grades are given as 'Pass' or 'Fail'.

## Grades

Two-grade scale, U, G

## Department

Institutionen för Tema

## Director of Studies or equivalent

Maria Eidenskog

## Examiner

Wiktorina Glad

## Education components

Preliminary scheduled hours: 26 h

Recommended self-study hours: 134 h

## Course literature

### Additional literature

#### Books

Gyberg, Per, Hallström, Jonas, (2009) *Världens gång - teknikens utveckling : om samspillet mellan teknik, människa och samhälle*

ISBN: 9789144050898

Lund : Studentlitteratur, 2009

## Common rules

Regulations (apply to LiU in its entirety)

The university is a government agency whose operations are regulated by legislation and ordinances, which include the Higher Education Act and the Higher Education Ordinance. In addition to legislation and ordinances, operations are subject to several policy documents. The Linköping University rule book collects currently valid decisions of a regulatory nature taken by the university board, the vice-chancellor and faculty/department boards.

LiU's rule book for education at first-cycle and second-cycle levels is available at [http://stydokument.liu.se/Regelsamling/Innehall/Utbildning\\_pa\\_grund-\\_och\\_avancerad\\_niva](http://stydokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva).