

Airport Planning

Programme course

6 credits

Planering av flygplatser

TNFL06

Valid from: 2017 Spring semester

Determined by Board of Studies for Industrial Engineering and Logistics

Date determined 2017-01-25

Main field of study

Logistics

Course level

First cycle

Advancement level

G2X

Course offered for

• Air Transportation and Logistics

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.

Prerequisites

Basic knowledge in air traffic, economy, logistics and optimization

Intended learning outcomes

After the course the participants will be able to:

- account for different types of airports and their components
- make a strategic airport plan
- make an airport master plan
- make an airport system plan
- account for and use applicable forecasting methods
- consider environmental concerns when planning Airports

Course content

- Airport structues, components and processes
- strategic airport planning
- airport master planning
- airport system planning
- forecasting
- environmental aspects



Teaching and working methods

The course consists of lectures and seminars. The lectures give the theoretical background. During the seminars, assignments and case studies are discussed. A study visit is performed.

Examination

UPG1 Hand-in assignments

6 credits U, 3, 4, 5

Compulsory attendance and active participation are required and form the basis of UPG1.

Grades

Four-grade scale, LiU, U, 3, 4, 5

Department

Institutionen för teknik och naturvetenskap

Director of Studies or equivalent

Erik Bergfeldt

Examiner

Tobias Andersson Granberg

Education components

Preliminary scheduled hours: 50 h Recommended self-study hours: 110 h

Course literature

Additional literature

Books

Bezilla, Lynn S., (2009) *Airport planning : a practical guide for planners and airport managers* ISBN: 1449599311, 9781449599317 Combia, Md. : Lynn S. Bezilla, c2009.



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://styrdokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva.

