

Information Design Foundation

Programme course

6 credits

Informationsdesign

TNGD11

Valid from: 2017 Spring semester

Determined by

Board of Studies for Computer Science
and Media Technology

Date determined

2017-01-25

Main field of study

Graphic Design and Communication

Course level

First cycle

Advancement level

G2X

Course offered for

- Graphic Design and Communication
- Design and Product Development

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

Typography and Layout, Colour, Digital image editing and Interaction Design, or other courses with similar contents.

Intended learning outcomes

- have basic knowledge about models and techniques for information design in physical and virtual media
- be able to apply knowledge about presentation of information in relationship to usability / user experience
- be able to apply theories and models in information design and have knowledge about technical demands posed by the solutions
- be able to assess and evaluate relationships between purpose, content and design.
- have knowledge about measurement of information design solutions against performance goals
- have knowledge about information design in interactive and dynamic media
- be able to evaluate an information design solution against performance goals
- be able to apply information design theories and models in physical and virtual media

Course content

- Computer supported information visualization
- Design processes for information design
- mathematical, computer science, and cognitive science models
- Visual representation of information for interactive, data driven, and dynamic media

Teaching and working methods

Lectures, studio work, seminars and hand-in assignments.

Examination

UPG3	Excercise	2 credits	U, 3, 4, 5
UPG2	Excercise	2 credits	U, 3, 4, 5
UPG1	Excercise	2 credits	U, 3, 4, 5

Final marks will depend on the weighting of the partial examinations.

Grades

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

Department

Institutionen för teknik och naturvetenskap

Director of Studies or equivalent

Camilla Forsell

Examiner

Jonas Lundberg

Course website and other links

<http://www.itn.liu.se/mit/education/courses/tngd11?l=sv>

Education components

Preliminary scheduled hours: 23 h

Recommended self-study hours: 137 h

Course literature

Additional literature

Other

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.