Industrial Placement

Programme course

6 credits

Praktik

TPTE06

Valid from: 2017 Spring semester

Determined by
Övrigt

Date determined
2017-01-25

Main field of study
No Main Field of Study

Course level
First cycle

Advancement level
G1X

Course offered for
- Computer Science and Engineering, M Sc in Engineering
- Design and Product Development
- Energy-Environment-Management M Sc in Engineering
- Industrial Engineering and Management - International, M Sc in Engineering
- Electronics Design Engineering, M Sc in Engineering
- Information Technology, M Sc in Engineering
- Chemical Biology, M Sc in Engineering
- Communication and Transportation Engineering, M Sc in Engineering
- Biomedical Engineering, M Sc in Engineering
- Media Technology and Engineering, M Sc in Engineering
- Mechanical Engineering, M Sc in Engineering
- Engineering Biology, M Sc in Engineering
- Applied Physics and Electrical Engineering - International, M Sc in Engineering
- Applied Physics and Electrical Engineering, M Sc in Engineering
- Computer Engineering, B Sc in Engineering
- Engineering Electronics
- Chemical Analysis Engineering, B Sc in Engineering
- Mechanical Engineering, B Sc in Engineering
- Biology
- Air Transportation and Logistics
- Physics and Nanotechnology
- Programming
- Chemical Biology
- Civic Logistics
- Mathematics
- Industrial Engineering and Management, M Sc in Engineering
- Chemistry
- Computer Science and Software Engineering, M Sc in Engineering

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

At least 90 approved ECTS from mandatory courses from semesters 1-4 (or if mandatory courses are absent, the courses designated by the board of studies) from an educational programme at the Faculty of Science and Engineering.

Intended learning outcomes

The aim of the industrial placement is to ensure that the student becomes familiar with the working environment at a workplace for which the student's education has prepared him/her, and can function as a co-worker in a group. The student should also acquire practical experience, for example the production of products and services, in the field of technology/science as well as experience from collaboration at a workplace. Furthermore the industrial placement should strengthen the student's ability to take personal responsibility and provide him/her with experiences beyond the technical/scientific sphere.
After completing the course the student should:

- be able to describe the requirements imposed by working life
- know the importance of being able to systematically find and compile relevant information in connection with technical and scientific inquiries
- be able to describe the multifaceted roll assumed by present-day professionals

Course content

The industrial placement is chosen by the student within a field related to technology/science. The placement tasks should be of a relevant and technical/scientific nature and should be defined in advance. To pass the course, the student should be present full-time at the workplace for at least 3 continuous weeks and thereafter write a placement report about the project specified in the placement plan. Upon completion of the project, the student's supervisor at the workplace should attest to the student's presence as well as active participation in a supervisor report according to an established template (see appendix to the course syllabus).

Teaching and working methods

The course is conducted as an individual placement at an organization external to the university. The student should find and apply to an industrial placement on his/her own. Before the start of the course, the student's study advisor should approve the student's eligibility and the examiner should approve the student's placement plan, which is formulated according to an established template and signed by the student's supervisor at the placement organization as well as the student. The workplace, where the greater part of the course will take place, should provide a named supervisor for the entire period.
The industrial placement project should be documented in a written placement report. This written report should be detailed and professionally written and reflect well the aims of the course. The contents should be easy to understand and the quality of the written work should be good. The background and the inquiry of the project should be presented in the context of working life. The discussion should be detailed, and it should show the student's insight into the professional roll as well as technical, engineering and/or scientific skills. The report should include proper citation of sources and a short summary.

Examination

UPG1	Assignment	6 credits	U, G

The student counsellor verifies the student's eligibility.
Grades are given as 'Fail' or 'Pass'.

Grades

Two-grade scale, U, G

Course literature

No mandatory literature. Where appropriate the literature can be decided in consultation with the supervisor.

Department

Tekniska fakultetens kansli

Examiner

Nämndspecifikt

Education components

Preliminary scheduled hours: 0 h
Recommended self-study hours: 160 h

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.