

# Design and Product Development, M Sc in Engineering

300 credits

Civilingenjör i design och produktutveckling

6CDPU

Valid from: 2017 Spring semester

**Determined by**

Board of Studies for Mechanical  
Engineering and Design

**Date determined**

2017-01-25

## Entry requirements

### Degree in Swedish

Civilingenjör 300 hp och Teknologie master 120 hp

# Curriculum

## Semester 1 (Autumn 2017)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 0</b>					
TATM79	Foundation Course in Mathematics	6*	G1X	-	C
<b>Period 1</b>					
TATA67	Linear Algebra with Geometry	6*	G1X	3	C
TATM79	Foundation Course in Mathematics	6*	G1X	3	C
TMKA06	Introduction to Design and Product Development	12*	G1X	1/2	C
<b>Period 2</b>					
TATA67	Linear Algebra with Geometry	6*	G1X	4	C
TDDE04	Introduction to Programming and Computational Thinking	6	G1X	1	C
TMKA06	Introduction to Design and Product Development	12*	G1X	2/3	C

## Semester 2 (Spring 2018)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TATA41	Calculus in One Variable 1	6	G1X	3	C
TMKT58	Create and Understand 3D	6*	G1X	1	C
TMME07	Engineering Mechanics - Statics	6	G1X	2	C
THEN18	English	6*	G1N	1	E
TGTU35	Introduction to University Studies	2*	G1X	-	V
<b>Period 2</b>					
TATA42	Calculus in One Variable 2	6	G1X	3	C
TDDE33	User Driven Product Development	6	G1X	2	C
TMKT58	Create and Understand 3D	6*	G1X	1	C
THEN18	English	6*	G1N	3	E
TGTU35	Introduction to University Studies	2*	G1X	-	V

### Semester 3 (Autumn 2018)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TATA69	Calculus in Several Variables	6	G1X	4	C
TMKA05	Engineering Design Methodology	6*	G1X	2	C
TMME13	Mechanics - Dynamics	6	G1X	3	C
<b>Period 2</b>					
TKMJ24	Environmental Engineering	6	G1N	3	C
TMKA05	Engineering Design Methodology	6*	G1X	4	C
TMMV04	Engineering Thermodynamics	6	G1X	1	C

### Semester 4 (Spring 2019)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TAMS11	Probability and Statistics, first course	6	G2X	1	C
TMKT59	Computers as Design Tools	6*	G2X	3	C
TMKT97	Product Ergonomics	6	G2F	2	C
<b>Period 2</b>					
TEAE01	Industrial Economics, Basic Course	6	G1X	2	C
TMHL07	Solid Mechanics, basic course	6	G2X	1	C
TMKT59	Computers as Design Tools	6*	G2X	3	C
TPTE06	Industrial Placement	6	G1X	-	E

## Semester 5 (Autumn 2019)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TEIM11	Industrial Marketing	6	G2X	3	C
TMKM11	Materials for Design	12*	G2X	2	C
TMPT06	Manufacturing Technology for Design and Product Development	6*	G1X	1	C
THFR05	Communicative French	6*	G1X	4	E
THSP05	Spanish	6*	G1X	4	E
THTY05	German	6*	G1X	4	E
<b>Period 2</b>					
TMKM11	Materials for Design	12*	G2X	3	C
TMKT39	Machine Elements	6	G2X	2	C
TMPT06	Manufacturing Technology for Design and Product Development	6*	G1X	1	C
THFR05	Communicative French	6*	G1X	4	E
THSP05	Spanish	6*	G1X	4	E
THTY05	German	6*	G1X	4	E
TNGD34	Interactive Information Design	6	G2X	3	E

## Semester 6 (Spring 2020)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TEIO47	Industrial Project Management	6*	G2X	3	C
TMKT82	Bachelor Thesis - Product Development	18*	G2X	1	C
TSRT21	Dynamical Systems and Control	6	G2X	2	C
THFR05	Communicative French	6*	G1X	4	E
THSP05	Spanish	6*	G1X	4	E
THTY05	German	6*	G1X	4	E
<b>Period 2</b>					
TEIO47	Industrial Project Management	6*	G2X	3	C
TMKT82	Bachelor Thesis - Product Development	18*	G2X	1	C
THFR05	Communicative French	6*	G1X	4	E
THSP05	Spanish	6*	G1X	4	E
THTY05	German	6*	G1X	4	E

## Semester 7 (Autumn 2020)

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TAOP88	Engineering Optimization	6	G2X	1	E
TDDD90	Interactive Products	6*	A1X	1	E
TDDE18	Programming C++	6*	G2X	2	E
TDDE28	Contemporary Perspective on Value Creation	6	A1N	1	E
TEIE72	Corporate Strategies	6	A1X	4	E
TEIO19	Industrial Management	6	G2F	4	E
TEIO90	Innovation Management	6	A1X	2	E
TETS37	Basics in Logistics Management	6	G2X	4	E
TFYA88	Additive Manufacturing: Tools, Materials and Methods	6	A1X	3	E
TKMJ31	Biofuels for Transportation	6	A1N	1	E
TMES09	Industrial Energy Systems	6	A1X	2	E
TMES27	Modelling of Energy Systems	6	A1N	3	E

Course code	Course name	Credits	Level	Timetable module	ECV
TMKA01	Design Studio I	12*	A1X	3	E
TMKA09	Disruptive Technologies	6*	A1X	4	E
TMKM16	Sustainable Material Selection	6	A1X	4	E
TMKM17	Polymer Materials	6	A1X	2	E
TMKM99	Engineering Materials and Manufacturing Technology	6	A1X	2	E
TMKO02	Engineering Materials and Manufacturing Technology	6	A1X	2	E
TMKT69	Conceptual Design - Project Course	6	A1N	4	E
TMKT80	Wood - Material	6	G2X	2	E
TMME14	Machine Elements, Second Course	6	A1X	3	E
TMME66	Musculoskeletal Biomechanics and Human Movements	6	G2X	2	E
TMME67	Musculoskeletal Biomechanics and Human Movements	6	A1X	2	E
TMMI68	CAD and Drafting Techniques, Continued Course	6*	G2X	2	E
TMMV18	Fluid Mechanics	6	A1X	1	E
TMPS33	Virtual Manufacturing	6	A1N	4	E
TMPT03	Production Engineering - Continuing Course	6	G2F	2	E
TMQU03	Quality Management and Engineering	6	G2X	2	E
TPPE13	Production and Operations Management	6	G2X	1	E
TPPE16	Manufacturing Strategies	6	A1X	2	E
TMPP02	Project Course - Race Vehicle Engineering	6*	G1X	-	V
<b>Period 2</b>					
TDDD90	Interactive Products	6*	A1X	-	E
TDDE01	Machine Learning	6	A1X	1	E
TDDE18	Programming C++	6*	G2X	1	E
TEIE42	Industrial Sales Management	6	A1X	4	E
TEIM10	Industrial Service Development	6	A1X	2	E
TETS27	Supply Chain Logistics	6	A1X	2	E
TFYA96	The physics behind technology	6	G2X	4	E
TGTU04	Leadership	6	G2X	2	E
TGTU49	History of Technology	6	G1X	3	E

Course code	Course name	Credits	Level	Timetable module	ECV
TKMJ32	Integrated Product Service Engineering	6	A1N	3	E
TMHL63	Introduction to Computational Mechanics	6	G2X	3	E
TMHP03	Engineering Systems Design	6	A1X	4	E
TMKA01	Design Studio I	12*	A1X	2	E
TMKA09	Disruptive Technologies	6*	A1X	4	E
TMKU02	Wood - Realisation	6	G2X	1	E
TMMI68	CAD and Drafting Techniques, Continued Course	6*	G2X	4	E
TMMS31	Biomechanical Modelling of Tissues and Systems	6	A1N	4	E
TMMV54	Computational Heat Transfer	6	A1X	1	E
TMPS31	Sustainable Manufacturing	6	A1X	1	E
TMQU12	Lean Production	6	A1X	2	E
TPPE76	Operations Planning and Control	6	A1N	4	E
TSIU02	Computer Hardware and Architecture	4	G1X	2	E
TMPP02	Project Course - Race Vehicle Engineering	6*	G1X	-	V

*Specialisation: Product development - Design and Manufacturing*

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TDDD90	Interactive Products	6*	A1X	1	C
TEIO19	Industrial Management	6	G2F	4	E
TMKT69	Conceptual Design - Project Course	6	A1N	4	E
TMME14	Machine Elements, Second Course	6	A1X	3	E
TMMV11	Fluid Mechanics and Heat Transfer	6	G2X	2	E
<b>Period 2</b>					
TDDD90	Interactive Products	6*	A1X	-	C
TMHL63	Introduction to Computational Mechanics	6	G2X	3	C
TMHP03	Engineering Systems Design	6	A1X	4	E
TMPS31	Sustainable Manufacturing	6	A1X	1	E



*Specialisation: Product Development - Design Engineering*

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TDDD90	Interactive Products	6*	A1X	1	C
TMKA01	Design Studio I	12*	A1X	3	C
TEIO19	Industrial Management	6	G2F	4	E
<b>Period 2</b>					
TDDD90	Interactive Products	6*	A1X	-	C
TMKA01	Design Studio I	12*	A1X	2	C
TKMJ32	Integrated Product Service Engineering	6	A1N	3	E
TMPS31	Sustainable Manufacturing	6	A1X	1	E

*Specialisation: Product Development - Management*

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TDDD90	Interactive Products	6*	A1X	1	C
TEIO19	Industrial Management	6	G2F	4	C
TEIO90	Innovation Management	6	A1X	2	C
TEIE72	Corporate Strategies	6	A1X	4	E
TMQU03	Quality Management and Engineering	6	G2X	2	E
<b>Period 2</b>					
TDDD90	Interactive Products	6*	A1X	-	C
TEIE42	Industrial Sales Management	6	A1X	4	E
TEIM10	Industrial Service Development	6	A1X	2	E
TMQU12	Lean Production	6	A1X	2	E

**Semester 8 (Spring 2021)**

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TDDD57	Physical Interaction and Game Programming	6	A1X	1	E
TDDD97	Web Programming	6	G2X	3	E
TDDE03	Design Studio II	12*	A1F	3	E

Course code	Course name	Credits	Level	Timetable module	ECV
TDDE39	Physical Interaction Design and Prototyping	6	A1X	4	E
TDDE50	Megagame - Design for Sustainable Development in the light of Climate Change	6*	G2F	-	E
TEIE06	Corporate Planning	6*	A1X	-	E
TEIM09	International Business	6	A1X	2	E
TEIO13	Leadership and Organizational Change	6	A1X	4	E
TGTU91	Oral and Written Communication	6	G1X	2	E
TGTU94	Technology and Ethics	6	G1X	1	E
TKMJ10	Industrial Ecology	6	A1X	1	E
TKMJ15	Environmental Management Strategies	6	G1F	3	E
TMKA04	Wood - Innovation	6	A1X	1	E
TMKA10	Design for Sustainable Everyday Life	6*	A1N	3	E
TMKO01	Advanced Materials and the Environment	6	A1N	2	E
TMKT48	Design Optimization	6	A1X	3	E
TMKT74	Advanced CAD	6	A1X	4	E
TMMS21	Mechatronics	6	G2X	1	E
TPPE78	Quantitative Models and Analysis in Operations Management	6	A1X	1	E
TMPP02	Project Course - Race Vehicle Engineering	6*	G1X	-	V
<b>Period 2</b>					
TDDD12	Database Technology	6	G2X	4	E
TDDE03	Design Studio II	12*	A1F	3	E
TDDE50	Megagame - Design for Sustainable Development in the light of Climate Change	6*	G2F	-	E
TEAE13	Civil and Commercial Law	6	G1X	2	E
TEIE06	Corporate Planning	6*	A1X	-	E
TEIO06	Innovative Entrepreneurship	6	A1X	2	E
TGTU95	Philosophy of Science and Technology	6	G1X	4	E
TKMJ29	Resource Efficient Products	6	A1N	1	E
TMKA10	Design for Sustainable Everyday Life	6*	A1N	3	E
TMKM17	Polymer Materials	6	A1X	2	E
TMKT57	Product Modelling	6	A1X	3	E
TMKT77	System Safety	6	A1X	4	E

Course code	Course name	Credits	Level	Timetable module	ECV
TMME19	Mechanics, Second Course	6	A1N	1	E
TMPS27	Production Systems	6	A1X	3	E
TMQU13	Customer Focused Product and Service Development	6	A1X	4	E
TPPE74	Design and Development of Manufacturing Operations	6	A1X	4	E
TRTE20	Norm Creative perspectives on Design, Power and Change	6	A1X	1	E
TMPP02	Project Course - Race Vehicle Engineering	6*	G1X	-	V

*Specialisation: Product development - Design and Manufacturing*

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TMMS21	Mechatronics	6	G2X	1	C
TKMJ52	Applied Product Development Methodology	6*	A1N	2	E
TMKT48	Design Optimization	6	A1X	3	E
TMKT74	Advanced CAD	6	A1X	4	E
<b>Period 2</b>					
TKMJ52	Applied Product Development Methodology	6*	A1N	2	E
TMKT57	Product Modelling	6	A1X	3	E
TMKT77	System Safety	6	A1X	4	E
TMPS27	Production Systems	6	A1X	3	E

*Specialisation: Product Development - Design Engineering*

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TDDE03	Design Studio II	12*	A1F	3	C
TKMJ52	Applied Product Development Methodology	6*	A1N	2	C
<b>Period 2</b>					
TDDE03	Design Studio II	12*	A1F	3	C
TKMJ52	Applied Product Development Methodology	6*	A1N	2	C
TKMJ29	Resource Efficient Products	6	A1N	1	E

*Specialisation: Product Development - Management*

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TEIE06	Corporate Planning	6*	A1X	-	E
TEIM09	International Business	6	A1X	2	E
TEIO13	Leadership and Organizational Change	6	A1X	4	E
TKMJ52	Applied Product Development Methodology	6*	A1N	2	E
<b>Period 2</b>					
TEIE06	Corporate Planning	6*	A1X	-	E
TEIM07	Industrial Market Research	6	A1X	2	E
TEIO06	Innovative Entrepreneurship	6	A1X	2	E
TEIO41	Corporate Social Responsibility	6	A1X	3	E
TKMJ52	Applied Product Development Methodology	6*	A1N	2	E
TMQU13	Customer Focused Product and Service Development	6	A1X	4	E

**Semester 9 (Autumn 2021)**

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TEIO07	Project Based Organization and Management	6	A1X	4	E
TETS23	Purchasing	6	A1N	2	E
TKMJ46	Advanced Ecodesign	6	A1F	2	E
TMKT79	Collaborative Multidisciplinary Design Optimization	6	A1X	2	E
TMKT96	Product Visualization	6*	A1X	3	E
TMMV01	Aerodynamics	6	A1X	2	E
<b>Period 2</b>					
TAOP18	Supply Chain Optimization	6	A1X	1	E
TDDD61	Design - Strategy and Management	6	A1X	1	E
TDEI21	Strategic Organisational Application of IT - Workflow and Knowledge Management	6	A1X	4	E
TETS31	Logistics Strategies	6	A1X	4	E
TMKT71	Affective Engineering	6	A1X	2	E
TMKT96	Product Visualization	6*	A1X	3	E
TMPS22	Assembly Technology	6	A1N	3	E
<i>Specialisation: Product development - Design and Manufacturing</i>					
Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TMPM03	Project Course Advanced - Design and Manufacturing Engineering	12*	A1X	1	C
TMHL63	Introduction to Computational Mechanics	6	G2X	3	E
TMKT79	Collaborative Multidisciplinary Design Optimization	6	A1X	2	E
<b>Period 2</b>					
TMPM03	Project Course Advanced - Design and Manufacturing Engineering	12*	A1X	4	C
TMKU01	Design Automation of Customized Products	6	A1X	2	E
TMPS22	Assembly Technology	6	A1N	3	E

*Specialisation: Product Development - Design Engineering*

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TMPP03	Project Course Advanced - Design Engineering	12*	A1X	1	C
TKMJ46	Advanced Ecodesign	6	A1F	2	E
TMKT96	Product Visualization	6*	A1X	3	E
<b>Period 2</b>					
TMPP03	Project Course Advanced - Design Engineering	12*	A1X	-	C
TDDD61	Design - Strategy and Management	6	A1X	1	E
TMKT71	Affective Engineering	6	A1X	2	E
TMKT96	Product Visualization	6*	A1X	3	E

*Specialisation: Product Development - Management*

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TEIM04	Industrial Market and Technology Strategies	12*	A1X	2	C/E
TMPI02	Project Course Advanced - Management	12*	A1F	3	C/E
TEIO07	Project Based Organization and Management	6	A1X	4	E
<b>Period 2</b>					
TEIM04	Industrial Market and Technology Strategies	12*	A1X	2	C/E
TMPI02	Project Course Advanced - Management	12*	A1F	-	C/E
TDEI19	Management Control	6	A1X	2	E

**Semester 10 (Spring 2022)**

Course code	Course name	Credits	Level	Timetable module	ECV
<b>Period 1</b>					
TQXX33	Degree project - Master's Thesis	30*	A1X	-	C
<b>Period 2</b>					
TQXX33	Degree project - Master's Thesis	30*	A1X	-	C

ECV = Elective / Compulsory / Voluntary

\*The course is divided into several semesters and/or periods

## Common rules

### Structure and organisation of study programmes

The contents and design of the programmes are to be continuously revised such that new knowledge is integrated into courses and specialisations. Within one programme, several study specialisations or profiles may be available. The identities of the study specialisations or profiles and the regulations governing how these may be selected are given in the syllabus and curriculum for the particular field of study and programmes.

The structure and organisation of the programmes are to follow specified criteria that are summarised in the syllabus for each programme.

- The syllabus defines the aims of the study programme.
- The curriculum, which constitutes one part of the syllabus for the field of study, gives details of the terms in which the various courses have been timetabled, and their scheduling through the academic year.
- The course syllabus specifies, among other things, the aim and contents of the course, and the prior knowledge that a student must have in order to be able to benefit from the course.

### Qualification requirements

The qualification requirements specified in the Higher Education Ordinance 2007 apply to students admitted after 1 July 2007. A student who has completed components of a programme after 1 July 2007 has the right to be assessed with respect to the qualification requirements specified by the Higher Education Ordinance 2007. In addition, local regulations laid down by the faculty boards and university board apply, see <http://styrdokument.liu.se/Regelsamling/VisaBeslut/622693>.

Higher Education Act Chapter 1, Section 8:

First-cycle courses and study programmes are to develop:

- the ability to make independent and critical assessments
- the ability to identify, formulate and solve problems autonomously, and
- the preparedness to deal with changes in working life.

In addition to knowledge and skills in their field of study, students shall develop the ability to:

- gather and interpret information at a scholarly level
- stay abreast of the development of knowledge, and
- communicate their knowledge to others, including those who lack specialist knowledge in the field.

### Qualifications within a study programme

Qualification requirements that are specific to a study programme are given in the syllabus for that programme.

## **Matriculation and postponement of matriculation**

A person who has been accepted for a study programme is to start their studies (matriculate) in the term that is specified in the decision about admission. The date and location of the compulsory matriculation procedure will be communicated to those admitted to the first term of the programme.

At any one admission occasion, it is possible to be admitted to only one place on a study programme. A student who has been granted a place on a study programme and who is offered and accepts a place on another study programme during a supplementary round of admission will lose the place offered for the first study programme.

Regulations concerning postponement of matriculation have been laid down in the admission regulations for Linköping University,  
<http://styrdokument.liu.se/Regelsamling/VisaBeslut/622645>.

A person who has been granted postponement must present to the admitting authority, before the term in which the studies are to be started and before the date of application, a renewed registration for the programme and a copy of the decision granting postponement.

## **Admission to a later part of a programme**

Admission to a part of a study programme is used here to refer to admission with the purpose of completing the programme and taking a degree. Admission to a later part of a programme may take place only if sufficient resources and space on the programme are available. Furthermore, the applicant must satisfy the entry requirements for the relevant term of the programme, as specified in  
[http://styrdokument.liu.se/Regelsamling/Innehall/Utbildning\\_pa\\_grund-\\_och\\_avancerad\\_niva/Tekniska\\_fakulteten](http://styrdokument.liu.se/Regelsamling/Innehall/Utbildning_pa_grund-_och_avancerad_niva/Tekniska_fakulteten).

## **Interruption in studies**

Notification of an interruption in studies is to be made through the Student Portal. If such a notification is not made and if the student does not register for the first term during which the interruption is to take place, the interruption will be considered to be a withdrawal. An interruption in studies must cover a complete term, and notification of interruptions can be given for a maximum of two consecutive terms. Notification of resumption of studies is to take place at the term registration for the term that follows the interruption. If the student does not register at the term registration, this will be regarded as withdrawal from studies.

A student who is taking an interruption in studies may during this period retake examinations if he or she has re-registered for the most recent study term of the programme. A student who wishes to take another course during the interruption in studies must apply for this separately. The student is responsible that



registration for courses is carried out at the correct times in preparation for the resumption of studies.

### **Withdrawal from a study programme**

A student who wishes to withdraw from a study programme must notify the study guidance counsellor. A student who leaves the studies without giving notification of an interruption in study and who fails to register for the immediately subsequent term is considered to have withdrawn. A student who has withdrawn may return to the study programme if a vacancy is available that is not required for students returning after an interruption in study, and not required for students who are changing their location of study and/or study programme.

### **Interrupting a course**

The vice-chancellor's decision concerning regulations for registration, deregistration and reporting results (Dnr LiU-2015-01241) states that interruptions in study are to be recorded in Ladok. Thus, all students who do not participate in a course for which they have registered must record the interruption, such that the registration on the course can be removed. Deregistration from a course is carried out using a web-based form: [www.lith.liu.se/for-studenten/kurskomplettering?l=sv](http://www.lith.liu.se/for-studenten/kurskomplettering?l=sv).

### **Courses within a study programme**

The curriculum for the various years of a study programme specify which courses are compulsory (o), elective (v) and voluntary (f). If a student wishes to study a different combination than the one specified in the curriculum, an application must be made to the board of studies.

### **Registration for programme courses**

Registration for courses that are given as part of a study programme must be made during the specified period, which has been preliminarily set to 1-10 April for the autumn term, and 1-10 October for the spring term. Information about course registration is published on a webpage, sent to students by email, and disseminated at scheduled information meetings.

### **Registration for programme courses as single-subject courses**

Admission to a programme course as a single-subject subject course may take place only if sufficient resources and space on the course are available. Furthermore, the applicant must satisfy the entry requirements for the relevant course.

### **Cancelled courses**

Courses with few participants (fewer than 10) may be cancelled or organised in a

manner that differs from that stated in the course syllabus. The board of studies is to deliberate and decide whether a course is to be cancelled or changed from the course syllabus.

## **Timetabling**

Courses are timetabled after a decision has been made concerning the assignment of the course to a study period. A central timetable is not drawn up for courses with fewer than five participants. Most project courses do not have a central timetable.

## **Study planning**

Students who require support in planning their continued studies can contact the study guidance counsellor of the programme. Study planning involves the student and the study guidance counsellor together drawing up an individual plan for studies during the subsequent term. The individual plan may allow the student to deviate from the general curriculum.

Completed first-cycle courses are a precondition for successful studies at more advanced levels. For this reason, study planning is based on giving priority to courses from earlier years of study that have not been completed. If further capacity is available, new courses may be taken.

Study planning takes place on a regular basis if the student:

- does not satisfy the requirements for progression to later terms. In order for a student to be able to participate in courses from later years in such cases, a decision of exemption is required.
- does not satisfy the requirements for starting a degree project.

Other situations in which study planning may be required:

- A student has fallen behind during the early part of a study programme and has failed to complete several courses.
- A student has not satisfied the entry requirements for a degree project before term 6 of an engineering degree.
- A student has applied for admission to a later part of a programme.
- Studies have been carried out abroad.
- A study programme is to be resumed after an interruption.

In these cases the study guidance counsellor supports the student in planning the continued studies, also in situations in which the student can register for the relevant courses without the need for a special decision for the continued studies.

## **Part of education abroad**

Students can exchange study at LiTH for study at an institute of higher education abroad, and/or work on a degree project abroad.

In the event that study (courses) at LiTH are exchanged for study abroad, the

relevant board of studies (faculty programme director) is responsible for a decision about an individual study plan, which is to be drawn up in advance, and about the final course approval and its inclusion in the qualification requirements. For this reason, students who plan to participate in an exchange should contact the faculty programme director (or equivalent) at the Dean's Office of the Institute of Technology.

Regulations for entry requirements, ranking and nomination for study abroad through LiTH's exchange agreements are specified in:  
<http://stydokument.liu.se/Regelsamling/VisaBeslut/622362>. Special regulations apply for the compulsory study abroad within Ii (Industrial Engineering and Management – International) and Yi (Applied Physics and Electrical Engineering – International).

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/departments 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).