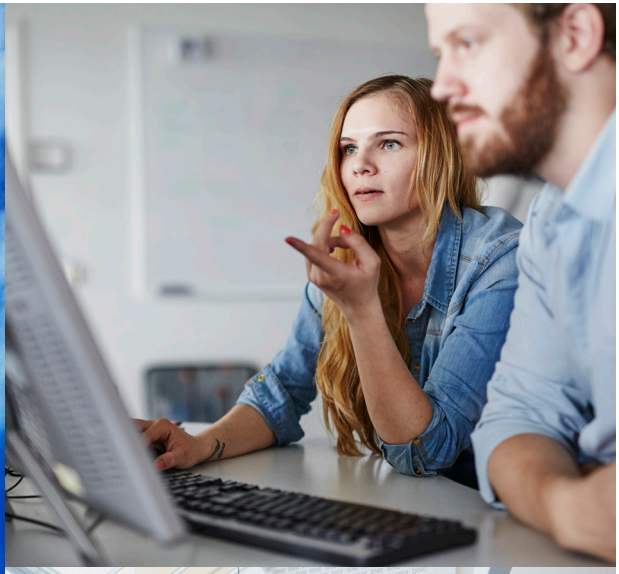
JÖNKÖPING UNIVERSITY
School of Engineering

Cooperate with the School of Engineering, Jönköping University, Sweden

Industrial Placement Course and Final Project Work



Cooperate with our students

Collaboration with our students can be a way to develop your company or organization, while the students get the opportunity to practice their skills. Students can bring fresh ideas to your business and you get the chance to market yourself as a potential employer for them.

In this brochure you will find more information about the Industrial Placement Course and the Final Project Work – two mandatory courses all our Bachelor and Master students must pass before gaining their degree.

The Industrial Placement Course and the Final Project serve as a clear link between theory and practice even before the student graduates. This means the students are better prepared for their future working life. Even before the possible employment, students and companies thus get to know each other and take part in an important exchange of knowledge.

JÖNKÖPING UNIVERSITY

Jönköping University has around 10,000 students, of which 2,000 are international students. The university is one of the top universities in international student exchange and among the best in Sweden in terms of attracting international students. The campus has a truly international and academic environment with students and staff from all parts of the world. Both within education and research, Jönköping University has a close cooperation with business and society.

SCHOOL OF ENGINEERING

The School of Engineering is one of four schools that are part of Jönköping University. It is our vision to be leaders in Europe in developing and spreading new technology and knowledge that reinforce international competitiveness. Education and research are carried out in the following areas:

- Construction Engineering
- Lighting Science
- Computer Engineering
- Informatics
- Industrial Engineering and Management
- Production Systems
- Product Development
- Mechanical Engineering

Industrial Placement Course

WHAT IS THE INDUSTRIAL PLACEMENT COURSE (IPC)?

The student, the host company and the university will work out a suitable assignment together, based on the business's needs and opportunities and on the student's skills and experience. The assignment is then discussed and approved.

Here are some examples of typical IPC student assignments at a company:

- Take part in and contribute knowledge in to ongoing project.
- Conduct a study of an ongoing production process.
- Try different kinds of practical work that are relevant to the student's education.
- Participate in professional development in the company based on the student's previous courses and experiences.

THE HOST COMPANY'S PART

In order for the Industrial Placement Course to be carried out in the best way possible, the host company should:

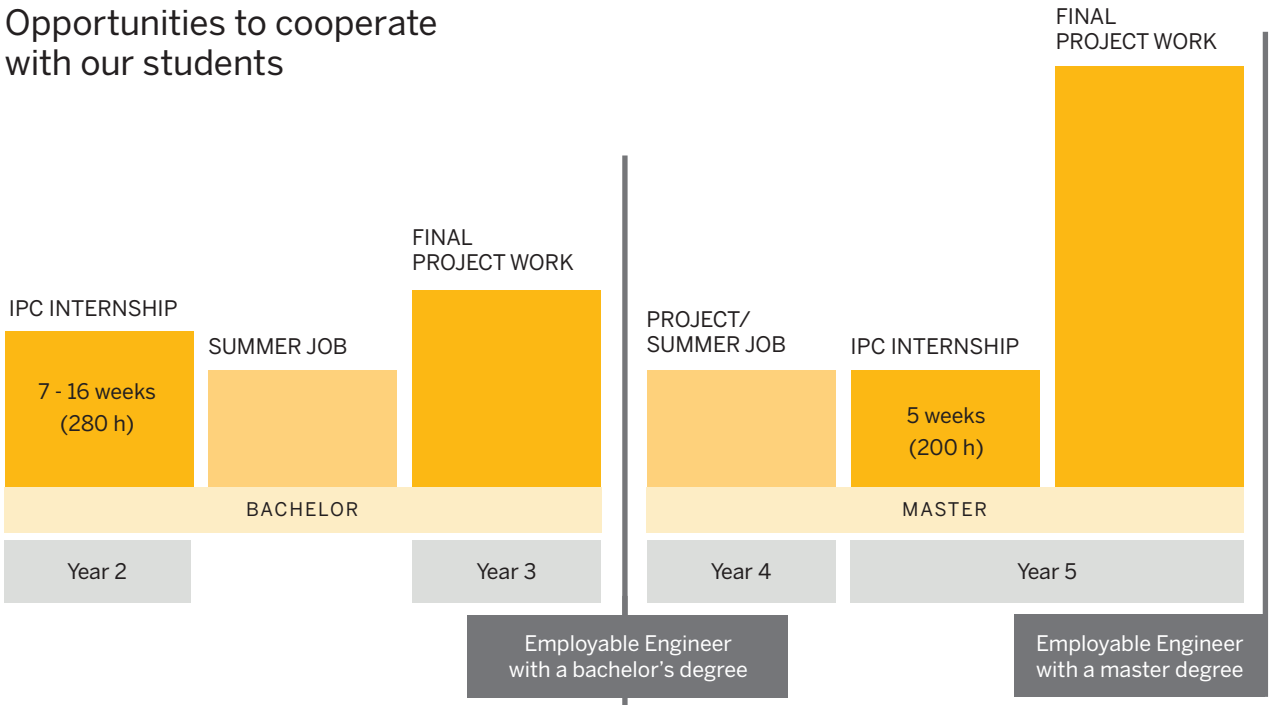
- provide a workplace.
- offer a few weeks of relevant, stimulating and rewarding tasks.
- give the necessary introduction and information about safety and working conditions, etc.
- appoint a supervisor to support the student during the intern ship period. The supervisor should be able to maintain regular contact and should also be well versed in the tasks that the student is expected to perform.

THE STUDENT'S PART

The student's part of the agreement is mainly to:

- Carry out the assignments agreed, and do so by taking an ambitious approach.
- Currently write reflective logbook entries during the Industrial Placement Course
- When the Industrial Placement Course is over, write a report and participate in a seminar which will be evaluated and approved by an examiner.

Opportunities to cooperate with our students



IPC BACHELOR

Students at one of the International Campuses of the School of Engineering do 280 hours of internship at a company during a period of 8-16 weeks, starting on 1 February (full time or half time internship, combined with academic studies at a partner university). Students who are not studying at an International Campus do this internship full time 280 hours over 7 weeks. In some cases, the internship may take place during the summer break. After completing the IPC, the student will be familiar with the company as well as the tasks and ready for a summer job.

SUMMER JOB

After completing a summer job, the student will have been in the company for some months and may then have done a pilot study for their bachelor degree project. Summer jobs are not compulsory for the student's degree, but a good way for the company and students to collaborate.

FINAL PROJECT WORK, BACHELOR'S

This is done during the spring semester of year 3, starting in January (part time degree project 50% at a company and part time academic studies 50% at the university). After completing the degree project, the student will be an employable engineer with a bachelor degree.

PROJECT/SUMMER JOB

If the student chooses to pursue a master's programme, your company has the chance to benefit from an IPC Master's exchange, but this will not be until a year later. If the cooperation between the company and the student is successful, year 4 can be used to offer the students extra work, student projects and a future summer job combined with the IPC Master.

IPC MASTER'S

Students do 200 hours of internship at a company during a period of 5 weeks, starting 1 August (full time internship 100%). This could involve a project at advanced level since that is the level at which the student will now be studying. This is also an appropriate time to plan the spring semester's major master degree project.

FINAL PROJECT, MASTER'S

This takes up the entire spring semester and produces a student who is an employable engineer with a master's degree ready to carry out tasks at advanced level.

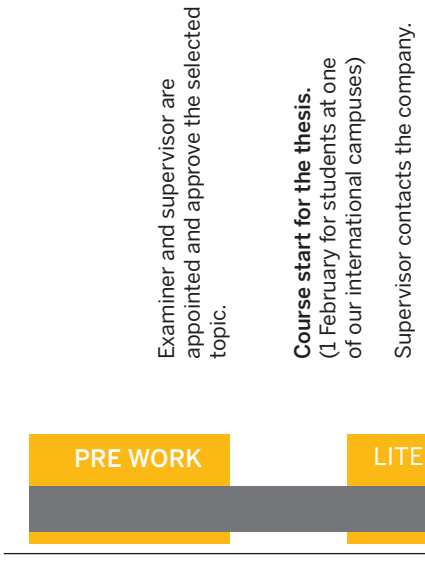
Final Project

WHAT IS A FINAL PROJECT?

The Final Project is a way to tie together the courses, theories, knowledge, and laboratory work the student has received during their education, and to use those in reality-based problems or projects in cooperation with a company.

The project can be done individually or together with a fellow student. The scope of the thesis depends on whether the student is studying at the bachelor's or master's level.

Process for Final Project



THE HOST COMPANY'S PART

For a thesis to be implemented in a relevant way the company needs to:

- Provide an appropriate project.
- Provide the necessary introduction and information regarding the company and the project.
- Appoint a supervisor to support the student during the thesis. The supervisor should be able to maintain regular contact and should also be well versed in the tasks that the student is expected to perform.

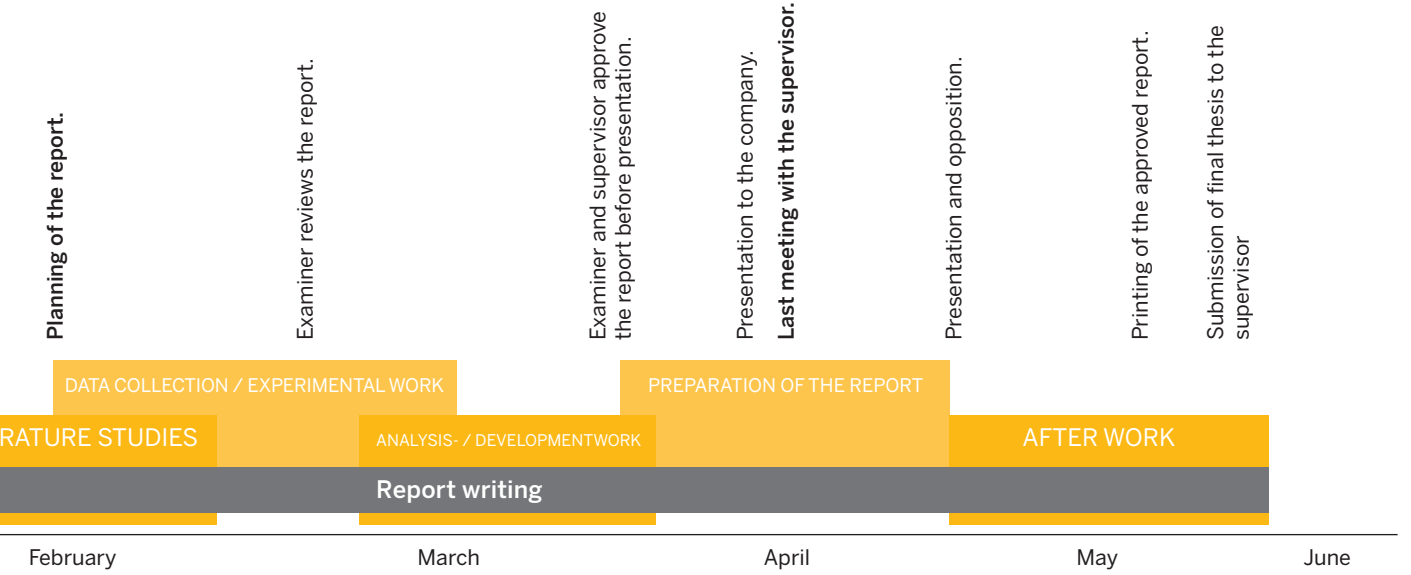
THE STUDENT'S PART

The student's part of the agreement is mainly to:

- Independently establish contact with a host company.
- Come up with ideas for a thesis.
- Write the thesis and participate in a seminar which will be evaluated and approved by an examiner.
- Present the results for the company.

SCHOOL OF ENGINEERING'S PART

- Appoint a supervisor and examiner at the university.
- Approve the final report.



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