HÖGSKOLAN I SKÖVDE

2nd October 2018

Engineering courses 2018 –2019

Bachelor courses in Manufacturing Engineering (INAUA)

- **Option A**

	Course Name	Period (weeks)*	ECTS	Course code
Required	Industrial Engineering	HT (1-4)	6	PR014G
	Production and Logistics Simulation I	HT (5-8)	3	PR311G
	Industrial Robotics and Offline Programming	HT (5-12)	6	PR310G
	Production System Design	HT (13-19)	6	PR501G
	Industrial Control Engineering	HT (13-19)	9	PR313G
	Bachelor Degree Project in Automation Engineering	VT (1-20)	30	PR508G

Requirements: 120 ECTS in engineering courses, including a basic course in Programming, a basic course in Electricity and a basic course in Production Engineering, or the equivalent.

*Period (weeks): HT= Autumn semester, VT= Spring semester. Week 1= Official start week of the autumn or spring semester. For more information about the content of a course, see the course syllabus. Courses may be subject to change.

- **Option B**

	Course Name	Period (weeks)*	ECTS	Course code
Required	Industrial Engineering	HT (1-4)	6	PR014G
	Production and logistics Simulation I	HT (5-8)	3	PR311G
	Applied Operations Research	HT (5-12)	6	PR505G
	Production System Design	HT (13-19)	6	PR501G
	Production and logistics Simulation II	HT (13-19)	6	PR503G
	Bachelor Degree Project in Automation Engineering	VT (1-20)	30	PR508G

Requirements: 120 ECTS in engineering courses, including a basic course in Programming, a basic course in Electricity, and a basic course in Production Engineering, or the equivalent.

*Period (weeks): HT= Autumn semester, VT= Spring semester. Week 1= Official start week of the autumn or spring semester. For more information about the content of a course, see the course syllabus. Courses may be subject to change.

Bachelor courses in Product Design Engineering (INIPO)

	Course Name	Period (weeks)*	ECTS	Course code
Required	Product Development and Design II	HT (1-4)	6	IP334G
	User Centered Design	HT (5-12)	6	IP504G
	Ergonomics II: Digital Human Modelling and Evaluation	HT (13-19)	6	IP332G
	CAD III	HT (5-12)	6	IP333G
	Design Methodology II	HT (13-19)	6	IP505G
	Bachelor Degree Project in Product Design Engineering**	VT (1-20)	30	IP515G

Requirements: 120 ECTS in engineering courses, including 6 ECTS in CAD and 12 ECTS in Product Development, Ergonomics, Design Methodology or Industrial Design, or the equivalent. **15 ECTS in Mechanical Engineering and/or Physics.

*Period (weeks): HT= Autumn semester, VT= Spring semester. Week 1= Official start week of the autumn or spring semester. For more information about the content of a course, see the course syllabus. Courses may be subject to change.

HÖGSKOLAN I SKÖVDE

2nd October 2018

Engineering courses 2018 –2019

Bachelor courses in Mechanical Engineering (INMTA)

	Course Name	Period (weeks)*	ECTS	Course code
Required	Industrial Engineering	HT (1-4)	6	PR014G
	Machine Elements	HT (5-12)	6	MT507G
	Mechanics IV	HT (5-12)	6	MT509G
	Applied FEM II	HT (13-19)	6	MT510G
	Material Processing Technology	HT (13-19)	6	MT508G
	Bachelor Degree Project in Mechanical Engineering	VT (1-20)	30	MT506G

Requirements: 120 ECTS in engineering courses including, 7 ECTS in Mechanics, 7 ECTS in Strength of Materials, and 5 ECTS in Manufacturing Technology, or the equivalent.

*Period (weeks): HT= Autumn semester, VT= Spring semester. Week 1= Official start week of the autumn or spring semester. For more information about the content of a course, see the course syllabus. Courses may be subject to change.

Degree requirements (30 ECTS equals one semester full-time studies)

Courses which should have been studied at the home university

Courses in the subject x: at least 45 ECTS
Courses in mathematics: at least 15 ECTS
Courses in the subject x or other Engineering subjects: at least 60 ECTS
Totally at the home university: at least 120 ECTS

Courses which will be studied at the University of Skövde

Final Project in x (advanced level), 30 ECTS
Courses in the subject x: at least 15 ECTS
Courses in the subject x or other Engineering subjects: at least 15 ECTS
Totally at the University of Skövde: at least 60 ECTS

Academic calendar

http://www.his.se/en/Prospective-student/Why-study-in-Skovde/academic-calendar/

The international introduction programme starts the week before the official semester start date.

Admission requirements

The student must be admitted to at least 30 credits (one semester of full-time studies). Students are free to select courses from all our subject fields, given that they fulfil the academic requirements. In addition to the 30 credits, they may add extra language courses as follows: 15 credits in English language courses + 18 credits in Swedish language courses.

Engineering courses 2018 –2019

Language courses

In combination with the previous Engineering courses, the student may choose between the following language courses:

	Name	*Period**	*ECTS*	*Course code*
Required	English / Preparatory Course**	Lp4	7,5	EN255G
	English / Basic University Course**	Lp4, Lp5, Lp1	7,5	EN247G
Elective	Swedish Culture and Society	Lp4, Lp1	3	SV122G
	Swedish for Foreign Students: Oral Proficiency and Listening Comprehension	Lp4, Lp1	7,5	SV126G
	Swedish for Foreign Students: Text and Grammar	Lp5, Lp2	7,5	SV127G
	English Pronunciation	Lp4, Lp1	1,5	EN241G
	English / Academic Writing***	Lp5, Lp2	7,5	EN244G
	English/Oral Presentation Techniques***	Lp5, Lp2	7,5	EN236G
	English / Business English***	Lp5, Lp2	7,5	EN245G
	English//The U.K. and the U.S***	Lp4, Lp1	6	EN272G
	20th Century Literature	Lp5, Lp2	7,5	EN239G

* Approximate study periods: Lp4 = September-October; Lp5 = November – December; Lp1 = January – Mars; Lp2 = April – June.

** After a placement test for English courses, you will be recommended to start with *English/Basic University Course,* 7.5 ECTS or *English/Preparatory course*, 7.5 ECTS. After completion of *English/Preparatory Course*, you may continue in period 5 with *English/Basic University Course*, 7.5 ECTS, and after completion of *English/Basic University Course*, 7.5 ECTS, you can continue with courses at the next level.

*** *English/Basic Course* or equivalent required.

For more information about the content of a course, see the course syllabus. Courses may be subject to change.