

Engineering courses

Information

- 30 credits/semester (Max. 45 credits composed by engineering + language courses)
- Autumn Semester: Lp4 & 5
- Spring Semester: Lp1 & 2
- English preparatory course recommended
- Updated information about the courses can be found on the following webpage:
utbildning.his.se/searchpage.aspx

BSc in Automation Engineering

	Name	Period	ECTS	Course Code
Mandatory	Industrial Control Technology I	Lp4	7,5	AU123G
	Production and Logistics Simulation	Lp4	7,5	AU127G
	Computer aided robotics	Lp5	7,5	AU522G
	Final Year project in Automation Engineering	Lp1-2	30	AU504G
Optional	Practical Production Simulation	Lp5	7,5	AU514G
	Methods engineering	Lp5	7,5	AU512G
	Design with 3D CAD	Lp4	7,5	IP120G

BSc in Product Design Engineering

	Name	Period	ECTS	Course Code
Mandatory	Design with 3D CAD	Lp4	7,5	IP120G
	Ergonomic Product Design	Lp5	7,5	IP311G
	Design Project with Industry	Lp5	7,5	IP514G
	Product Model Design	Lp1	7,5	IP319G
	Final Year Project in Product Design	Lp1-2	22,5	IP503G

BSc in Mechanical Engineering

	Name	Period	ECTS	Course Code
Mandatory	Computer Aided Design and Manufacturing	Lp4	7,5	MT511G
	Machine Element	Lp5	7,5	MT316G
	Finite Element Method	Lp1	7,5	MT531G
	Final Year project in Mechanical Engineering	Lp1-2	22,5	MT503G
Optional	Design with 3D CAD	Lp4	7,5	IP120G
	Product Model Design (Design with 3D CAD required)	Lp1	7,5	IP319G

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Language courses

	<i>Name</i>	<i>Period</i>	<i>ECTS</i>	<i>Course Code</i>
Optional	English/Preparatory Course A*	Lp4,5	7,5	EN115G
	English/ Basic Course A*	Lp4,5	7,5	EN112G
	Swedish for foreign students	Lp4	10,5	SV101G
	Swedish culture and society	Lp4	3	SV122G
	English for written academic presentations (English Basic course required)	Lp1	7,5	EN117G
	English oral presentation techniques (English Basic course required)	Lp1	7,5	EN124G