

Degree Programme in Technology-Based Leadership (Master) (60 cr)

English translation, degree programme conducted in Swedish. Degree: **Högre yrkeshögskoleexamen inom teknik**
Qualification title: **Ingenjör (högre YH)**
Duration of studies: **2 år**
Study type: **Part-time** **F**

» [Generic competences](#)

Kontaktuppgifter: [Enheter](#) | [Utbildningsansvariga](#)

Code	Name	Cr/year/total					
		1	2	3	4	5	Total
FYr	Fördjupade yrkesstudier						30 cr
TL10LE	Leadership <i>The Student:</i> - gains better understanding of leadership in an organization - can lead and support the personnel - develops a sense of responsibility and commitment, entrepreneurship - can lead demanding development projects - has the ability to further develop a knowledge-intensive organization - is able to contribute to the development of business and strategies - has strong interest in the future possibilities of technology	25	5				30 cr
TL10LE01	• Self-knowledge and Personal Development <i>The objective is to develop the student's ability to understand his/her own actions, develop insight in and ability to identify and embark on measures to implement development needs. The student will enhance his/her self-orientation at the same time as s/he is developing his/her ability to understand and lead people/personnel.</i>	5					5 cr
TL10LE02	• Organisation Development <i>Increase the understanding of the process of organizing and of the importance of organization in trade and industry. Develop the ability to understand the procedures in organizations, groups and individuals within the organization. Broaden the vision in organizing, developing and changing the organization. Organizational dynamics.</i>	3					3 cr
TL10LE03	• Business Development <i>Develop the understanding of an enterprise's need for development. Focus on the necessity of making profit and constant improvements in the operations.</i>	2					2 cr
TL10LE05	• Scientific Methods <i>The student becomes familiar with the meaning of science, knowledge and research methodology. In addition, the student shall come into contact with literature and theses where the relevance of scientific approach is clearly evident. One objective is for the student, before s/he embarks on his/her own thesis, to reflect on the scientific approach and, if possible, find links to his/her own process of thesis writing.</i>	5					5 cr
TL10LE04	• Managing Personnel and Processes <i>Increase the understanding of how the leadership and the personnel act in the context of their mutual interdependency in the work community.</i>	5					5 cr
TL10LE06	• Change Management and Conflict Handling <i>Deepen the insight of the importance of change but also the importance of making critical assessment before the decision. The student becomes familiar with the rewards and problems of leadership, conflicts and crises, as well as identifying, handling and, if possible, finding the solutions for them.</i>	5					5 cr
TL10LE07	• Application of New Technologies <i>The student becomes familiar with up-to-date research in technology and economy, concerning leadership, business development and research on technology.</i>		5				5 cr
EXA	Thesis						30 cr
TLE16EX	Thesis <i>Develop the ability to formulate problems and purposes and, with them as the starting-point, compiling a manuscript for a thesis within the selected domain. The thesis shall train the student to develop new knowledge, using theory and practice as the foundation, within his/her selected domain. The thesis also aims at uniting the institution, the student and the party that has commissioned the research in an integrated development process.</i> <i>Thesis writing process:</i> <i>The process starts with the student learning about the foundation of science, including philosophy of science, basic scientific methods as well as common analysis methods and associated data processing software. Dialogue and individual guidance are core activities in the learning process. The work takes place in stages including preliminary reports, elaborated reports, and presentation of the manuscript.</i>		30				30 cr

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