

Industrial Engineering and Management

Master's Programme in Industrial Engineering and Management is organized by the [School of Science](#).

This site contains the student study guide for the master's programme with materials and instructions on all the majors available in the programme. Here you will find the programme curriculum as well as detailed guidelines for planning your studies.

The Master's Programme in Industrial Engineering and Management (IEM) combines engineering with economic and human fundamentals to create value and efficiency. Unique in its multidisciplinary and integrative essence, IEM studies explore the foundations of business and engineering processes and inspire an engineering mindset to develop business. The distinctive focus of the programme is to educate graduates with knowledge, skills and will to create and transform technology-based businesses in new or established firms.

IEM professionalism is an integrated skill set consisting of mathematical, technological, economic, and social competences that focuses on proactive problem solving in value creating processes. In essence, the ethos of IEM studies emphasizes a systemic, solution oriented engineering mindset. Emphasis is on capability to solve the right problems right, i.e. identify needs, define problems accordingly, and solve them effectively. Building on these foundations, the program develops strong competencies for the creation and transformation of technology-based business combining strategic, operations, and people perspectives.

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