



Energy Management and Engineering (Master of Engineering)

The Energy Management and Engineering Master's degree programme is aimed at training qualified executives in the energy sector, a field that is continuously gaining in importance. The energy industry is facing fundamental shifts and needs people who combine their skills in the field of economics with fundamental knowledge of the engineering sciences and who are therefore able to develop creative, new, technically feasible and economically efficient solutions for the supply of energy in the decades to come.

The degree programme with its practical orientation qualifies graduates to analyse closely linked, interdisciplinary challenges and to focus on the main issues. It enables the graduates to simplify the complex questions so that they can be used as a basis to derive, process and complete concrete projects. Graduates of the Energy Management and Engineering degree programme are able to assume responsibility for central tasks focused on shaping how energy will be supplied in the future.

The very closely linked, interdisciplinary character of energy management requires sound knowledge and skills in the field of economics and engineering, soft skills that enable personnel to assume responsibility for important tasks; these include problem-solving competence, time management, conflict resolution, customer orientation, scientific working methods and the development of solutions by means of application-oriented research. The degree programme teaches graduates how to familiarise themselves with new topics and therefore enables them to independently continue their further education throughout their lives. Graduates therefore satisfy all requirements for life-long learning and as a result are able to enjoy being actively involved in the dynamic environment of energy management on a long-term basis.