

Manufacturing Engineering, 60 HE credits

Magister i tillverkningsteknik, 60 hp

Programme code: TAPTK

Higher education qualification: Degree of Master of Science (60 credits) with a major in Mechanical Engineering

Cycle: Second cycle

Established: 2019-06-17

Established by: Department of Engineering Science

Applies for: H20

Courses that the study programme comprises

By main field of study: Automation:

RBK600, Robot certificate, 1,5 HE credits, A1N

RBS600, Robotic Systems, 6 HE credits, A1N

By main field of study: Mechanical Engineering:

VSK600, Academic Writing, 3 HE credits, A1N

AMT601, Advanced Materials Science, 6 HE credits, A1N

PTL600, Operations management, 7,5 HE credits, A1N

RBK600, Robot certificate, 1,5 HE credits, A1N

RBS600, Robotic Systems, 6 HE credits, A1N

ATP700, Advanced Manufacturing Processes 1, 6 HE credits, A1F

ATV600, Advanced Manufacturing Processes 2, 9 HE credits, A1F

SVP700, Welding Processes, 6 HE credits, A1F

EXP800, Degree Project, Master in Manufacturing Engineering, 15 HE credits, A1E

By main field of study: Production Technology:

PTL600, Operations management, 7,5 HE credits, A1N

RBK600, Robot certificate, 1,5 HE credits, A1N

RBS600, Robotic Systems, 6 HE credits, A1N

Entry requirements

Degree of Bachelor of Science in mechanical engineering, manufacturing engineering, industrial engineering, materials science and engineering or equivalent. The Bachelor of Science degree must be comprised of at least 7.5 HE credits of materials science and at least 15 credits of mathematics including basic knowledge of analysis, linear algebra and statistics. In addition, verified knowledge of English corresponding to the course English B, English 6 in the Swedish upper-secondary level or equivalent.

Other regulations

Requirement during the programme:

For the course EXP800 thesis 15 hp, 30 hp from courses in the master of manufacturing engineering technology (60 hp) is required.

A student who has been admitted to a programme with this programme syllabus is guaranteed a place on courses according to the study plan above, provided that the student follows the programme according to the study plan. The study plan and its courses may however be subject to change, within the framework of the qualitative targets, when revisions of education plans and syllabi are being made. Should the programme involve choosing a specialization, the student is guaranteed a place on courses concerning the chosen specialization.

Qualitative target

National outcomes

uhr.se/en/start/laws-and-regulations/Laws-and-regulations/The-Higher-Education-Ordinance/