

MSc Digital Innovation & Management

	Critical and innovative thinking	Collaboration and management	Design and programming	Digital literacy and flexibility	Sustainability and ethics
Description of skills	Identify stakeholder needs, desires, and contexts. Know how to address issues with IT-technology and create desirable, feasible, and viable solutions in a scientific way. Ability to critically reflect on solutions and their implications.	Build the right business model, products, IT strategies and governance processes to develop a viable business or accelerate an existing business. Ability to productively work with people from diverse backgrounds, disciplines, and contexts.	Design high quality digital services, experiences, platforms, hardware and software technologies fitting for the task, the users, and the context. Know what coding is and implies, and/or ability to code.	Effectively make sense of information technologies to identify, evaluate, and create content and successfully communicate information and ideas. Ability to adapt swiftly to rapidly shifting trends in a changing ecosystem.	Aware of the potential and challenges of digitalization for humans, organizations, societies, and nature. Demonstrate social and societal responsibility, creativity and originality to ensure sustainable and secure IT solutions.
Programme-specific skills	<p>Understand the role of IT in organisations from critical and strategic perspectives.</p> <p>Analyse and improve systems, processes and information flows in organisations with regards to relevant criteria, such as efficiency and sustainability.</p> <p>Evaluate and challenge social, economic and organisational policies/strategies in light of societal and sustainability issues</p>	<p>Define and manage organisational transformation, especially in projects involving IT.</p> <p>Assess and communicate the consequences of choosing different methods for accomplishing goals in organisations.</p> <p>Advocate for and support responsible and integrative leadership and/or decision making</p>	<p>Write and analyse code in a programming language.</p> <p>Recognise the roles of resource constraints and legacy software in organisations .</p> <p>Comprehend software and system lifecycle, maintenance, and repair processes.</p> <p>Design and use data visualisation methods for decision-making in organisations.</p> <p>Situate the design and development of digital solutions in relation to climate and social justice</p>	<p>Translate and facilitate between technical and domain experts</p> <p>Have knowledge of tools and methods for IT project management</p> <p>Provide critical reflection on the roles of sustainable data and IT in diverse organisational and stakeholders settings</p> <p>Use computational literacy to analyse, explain, and solve complex and wicked problems.</p>	<p>Develop interdisciplinary understandings of the relations between digital and green transformations</p> <p>Critically assess the consequences of IT use for people, organizations, societies, and the planet.</p> <p>Reflect on changing relations in work practices with regards to gender, race, and ethnicity in their global, ecological and historical context.</p> <p>Translate across societal, ecological and organizational policies/strategies/concerns.</p>
 Working as a researcher, chief information officer, R&D manager, process manager, consultant, product owner or in related professions in the public or private sector.  Pursuing a PhD in a related field (Science and Technology Studies, Information Systems, Sociology, Anthropology, Business Administration, Organizational Studies, etc.)					