

## Learning Outcomes for Master of Science (MSc) in Innovation Management

National Qualification Framework for Iceland	MSc in Innovation Management at Reykjavik University	
<b>Master's Degree Cycle 2.2 90-120 ECTS.</b>	MSc in Innovation Management is a 90 ECTS-credit master's degree programme. It focuses on graduating students with in-depth knowledge, skills and competences in innovation management and includes a 30 ECTS Master's thesis.	
<b>KNOWLEDGE</b>		
<p>The National Qualification Framework states that degree holders possess <b>knowledge</b> in a defined area of a scientific field or profession, such that holders:</p> <ol style="list-style-type: none"> <li>1. possess knowledge of scientific subjects and challenges</li> <li>2. have acquired knowledge through research</li> <li>3. can provide arguments for their own findings</li> <li>4. can place the latest knowledge in context within the relevant specialised field</li> <li>5. are familiar with the research methods within their scientific field</li> <li>6. have knowledge of science ethics</li> </ol>	* Degree holders possess knowledge of:	
	1, 3, 5, 6	definitions and concepts of the entrepreneurship and innovation management
	1, 3, 5, 6	theoretical foundations, methods and processes of innovation
	1, 3, 5, 6	innovation in a social context and the connection between innovation, research and development
	1, 3, 5, 6	the difference between traditional management methods and innovation management methods
	1, 3, 5, 6	definitions, concepts and trends of business ethics and responsible management
	1, 2, 3, 4, 5, 6	research and sources of empirical knowledge in entrepreneurship and innovation
	1, 2, 3, 4, 5, 6	standards and methods of research and interpretation of research findings
	1, 2, 3, 4, 5, 6	the conduct of research from initial conception to interpretation of findings and reporting
<b>SKILLS</b>		
The National Qualification Framework states that degree holders can <b>apply the methods and procedures</b> of a defined	* Degree holders can apply the methods and procedures of innovation management, as follows:	
	1, 3, 4, 5, 8, 9	apply best practice tools and methods in entrepreneurship and innovation

<p>area of a scientific field or profession, such that holders:</p> <ol style="list-style-type: none"> <li>1. have adopted relevant methods and procedures</li> <li>2. are capable of analysing and imparting statistical information</li> <li>3. can understand and tackle complex subjects in a professional context</li> <li>4. can apply their knowledge and understanding in their scientific and professional work</li> <li>5. can use the relevant equipment, technology and software</li> <li>6. can collect, analyse and evaluate scientific data</li> <li>7. are innovative in developing and applying ideas</li> <li>8. can apply their knowledge, understanding and proficiency in new and unfamiliar situations or in an interdisciplinary context</li> <li>9. can develop projects and place them in context by applying methods based on scientific theories and/or experiments</li> <li>10. are capable of integrating knowledge, resolve complex issues and present an opinion based on the available information</li> <li>11. can effectively apply research methods and implement small-scale research projects</li> <li>12. understand research and research findings.</li> </ol>	<b>10, 11</b>	management
	<b>2, 3, 4, 7, 8, 9, 11, 12</b>	critically evaluate methods and processes of innovation with the aim of proposing and implementing improvements and apply critical thinking, evaluate and resolve issues and situations from the perspective of ethical behaviour, responsible management and sustainability
	<b>2, 3, 4, 5, 8, 9, 10, 12</b>	apply appropriate theories, methods and analytical procedures to conduct analysis of practical business problems and propose and argue for valid solutions and opportunities in changing circumstances based on this analysis
	<b>2, 3, 4, 6, 8, 9, 10, 12</b>	access, retrieve and evaluate relevant information reliably
	<b>2, 3, 4, 8, 9, 12</b>	work collaboratively with others in the same and different disciplines
	<b>1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12</b>	apply appropriate methods and analytical procedures to answer research questions in the field of entrepreneurship and innovation management
	<b>2, 3, 4, 6, 8, 9, 10, 11, 12</b>	provide sound justifications for research-based conclusions and recognise when further evidence is needed
	<b>2, 3, 4, 7, 8, 9, 12</b>	be receptive to new ideas and apply originality in thought regarding innovation

**COMPETENCES**

The National Qualification Framework states that degree	* Degree holders can apply their knowledge and skills as follows:
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<p>holders can <b>apply their knowledge and skills</b> in their profession and/or further study, such that holders:</p> <ol style="list-style-type: none"> <li>1. have developed the necessary learning skills and independence for further studies</li> <li>2. can initiate and lead projects within the scientific field and be responsible for the work of individuals and groups</li> <li>3. can communicate complex scientific information, challenges and findings to scholars as well as to general audiences</li> <li>4. are capable of presenting and describing scientific issues and research findings in a foreign language</li> <li>5. can make decisions in an independent, professional manner and defend them</li> <li>6. can evaluate the suitability of the different methods of analysis and complex scientific issues in each case</li> <li>7. can communicate statistical information</li> </ol>	5, 6	recognize and manage professional issues in entrepreneurship and innovation
	1, 2	work in an independent and organised manner, set goals, and plan and implement solutions to diverse problems
	2, 3, 5, 6	develop new ideas and identify opportunities for innovation and evaluate the feasibility of these ideas and opportunities
	1, 2, 4, 5, 6	communicate the importance of ethical and responsible practices and initiate efforts to increase the level of responsible management in their profession and/or organizations
	1, 3,	pursue life-long learning in practice
	2, 3	participate actively and cooperatively in group tasks, and assume a leadership role in innovation projects both inside and outside of organisations as well as for profit and non-profit
	1, 2, 3, 4, 7	interpret and present theoretical issues and empirical findings as well as new ideas for products, processes and services in English