Learning Outcomes for Master in Information Management

National Qualification Framework for Iceland	Master of Information Management at Reykjavik University	
Qualification at Master level Cycle 2.1 **30 – 120 ECTS**	Master in Information Management is a 90 - 120 ECTS masters level programme. It focuses on linking information technology and business considerations; graduating candidates that have the knowledge, skills and competencies necessary to create sustained competitive advantage in organisations through the development and implementation of information technology.	
K N O W L E D G E		
The National Qualification Framework states that degree holders possess knowledge within a defined field of the relevant profession. 1. Possess knowledge and understanding of scientific subjects and challenges 2. Can provide arguments for their own solutions 3. Can place latest knowledge into context in the relevant field 4. Are familiar with research methods in their scientific field 5. Have knowledge of science ethics	*	The learning outcomes for MIM state that degree holders possess knowledge of:
	1, 4, 5	theoretical concepts concerning the links between business value creation and information technology
	1, 4, 5	background of and development methods for programming and software development including database programming and management
	1, 4, 5	theories, concepts and methods of development and implementation of information systems within an organization.
	1, 4, 5	definitions, and concepts of accounting, internal controls, strategic management and financial reporting
	1, 4, 5	key aspects of business intelligence and analytics systems, accounting information systems, and ERP systems
	1, 4, 5	theoretical foundations and methods of business process management and enterprise architectures
	2, 3, 4, 5	theoretical foundations and methods of management accounting
S K I L L S		
The National Qualification Framework states that degree holders can apply methods and procedures of a defined scientific field or profession. *This entails that holders:*	*	The learning outcomes for the MIM state that degree holders can apply the methods and procedures of information management, as follows:
	1, 3, 4, 8,	methods and tools to analyzes, implement and sustain business focused

1. Have adopted relevant methods and procedures 2. Are capable of analyzing statistical information 3. Can understand and tackle complex subjects in a professional context 4. Can apply their knowledge and understanding with a professional approach 5. Can use the relevant equipment, technology and software 6. Can collect, analyze and evaluate scientific data 7. Are innovative in developing and applying ideas 8. Can apply their knowledge, understanding and proficiency for resolution in new and unfamiliar situations or in an interdisciplinary context 9. Are capable of integrating knowledge, resolve complex issues and present an opinion based on the available information 10. Can recognize novelties which are based on scientific theories and/or experiments 11. Can apply the methods of the relevant scientific field and/or profession to present, develop and solve projects 12. Understand research and research findings.	**10**	development and changes in information systems
	2, 3, 4, 8, 10, 12	methods and tools to analyze the linkages between information technology, information management and decision support
	2, 3, 4, 8, 10. 12	methods and tools to analyze functional requirements for information systems
	2, 3, 4, 8, 10. 12	methods and tools for analyzing costs & benefits of information systems projects
	2, 3, 4, 8, 10. 12	methods and tools for analyzing, designing and implementing business process development and aligned enterprise architectures
	2, 3, 4, 8, 10. 12	methods and tools for planning information technology projects and assuring project quality and output
	1, 2, 5, 6, 8, 11	access, retrieve and evaluate relevant professional information reliably
	3, 4, 8, 10	work collaboratively with others in the same and different disciplines
	3, 4, 8, 10	be receptive to new ideas and innovation

C O M P E T E N C E S		
The National Qualification Framework states that degree holders can apply their knowledge and skills in a practical way in their profession and/or further studies. *This entails that holders:* 1. Have developed the necessary learning skills and independence for further studies 2. Can initiate and lead projects within the scientific field and be responsible for the work of individuals and groups 3. Can communicate scientific information, challenges and findings to scholars as well as to general audience 4. Are capable of presenting and describing scientific issues and research findings in a foreign language 5. Can make decisions in an independent, professional	*	The learning outcomes for the MIM state that degree holders can apply their knowledge and skills in as follows:
	5, 6	demonstrate the knowledge needed to lead and manage the resources and processes associated with development of information systems within an organization.
	1, 2,	work in an independent and organised manner, set goals, and plan and implement solutions to diverse problems
	2, 3, 5, 6	apply critical thinking and problem-solving skills relative to business and information systems settings.

manner and support them 6. Can decide which analytical methods and complex theories are applicable 7. Can communicate statistical information.	**1, 2, 5, 6**	advance knowledge through innovation and knowledge creation
	1, 3,	pursue life-long learning in practice
	2, 3	participate actively and cooperatively in group tasks, and assume a leadership role
	1, 2, 3, 7	interpret and present theoretical issues and empirical findings