

Learning Outcomes for the Master of Science in Psychology

National Qualification Framework for Iceland	Master of Science in Psychology at Reykjavik University	
Master's Degree Level 7 Cycle 2.2 90-120 ECTS.	<p>The Master of Science (MSc) in Psychology at Reykjavik University is a two-year (four semesters) study program of 120 ECTS credits in total. The program is modelled on the <i>Candidatus Psychologia (Cand Psych)</i> Master's programs available in the Nordic region. On completing the MSc in Psychology at Reykjavik University, students will have achieved the learning outcomes shown below.</p>	
KNOWLEDGE		
<p>The National Qualification Framework states that degree holders possess knowledge of a defined area of a scientific field or profession, such that holders:</p> <ol style="list-style-type: none"> 1. possess knowledge of scientific subjects and challenges 2. have acquired knowledge through research 3. can provide arguments for their own findings 4. can place the latest knowledge in context within the relevant specialised field 5. are familiar with the research methods within their scientific field 6. have knowledge of science ethics 	<p>* The learning outcomes for the MSc in Psychology state that degree holders possess knowledge of:</p>	
	1, 4, 6	ethical and professional guidelines governing the science and practice of psychology
	4, 5	theories, definitions, and concepts of abnormal and clinical psychology

	4, 5	key processes of interpersonal communication and counselling
	1, 4	psychometric theory and practice, as well as the characteristics of a wide range of tools for psychological assessment
	1, 4	theoretical foundations and methods of cognitive behaviour therapy
	1, 4	theoretical foundations and methods of applied behaviour analysis
	2, 3, 4, 5, 6	theory and practice of single-subject experimental design
	2, 3, 4, 5, 6	complex research designs used in applied psychological research
	1, 4	the nature of intellectual and developmental disability and associated methods of assessment and intervention
	1, 4	child and adolescent clinical psychology
	1, 4	the structure and function of the brain, brain disorders, and associated methods of assessment and intervention
	1, 2, 3, 4, 5, 6	the conduct of research from initial conception to interpretation of findings and reporting
	1, 4, 6	psychological practice in varied human-service settings
	1, 4	psychological and biological factors in health and illness; forensic psychology; organisational psychology; or other elective fields cognate to applied psychology

SKILLS

The National Qualification Framework states that degree holders can **apply the methods and procedures** of a defined area of a scientific field or profession, such that holders:

1. have adopted relevant methods and procedures
2. are capable of analysing and imparting statistical information
3. can understand and tackle complex subjects in a professional context
4. can apply their knowledge and understanding in their scientific and professional work
5. can use the relevant equipment, technology and software
6. can collect, analyse and evaluate scientific data
7. are innovative in developing and applying ideas
8. can apply their knowledge, understanding and proficiency in new and unfamiliar situations or in an interdisciplinary context
9. can develop projects and place them in context by applying methods based on scientific theories and/or experiments
10. are capable of integrating knowledge, resolve complex issues and present an opinion based on the available information
11. can effectively apply research methods and implement small-scale research projects
12. understand research and research findings.

* The learning outcomes for the MSc in Psychology state that degree holders can apply the methods and procedures of psychology, as follows:

	1, 3, 4, 8, 10	apply best practice in professional and ethical behaviour
	2, 3, 4, 8, 10	evaluate critically information and claims regarding the factors that influence the well-being of individuals and groups in society, and methods employed to ameliorate human life problems
	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	apply appropriate methods and analytical procedures to answer questions in applied psychology
	1, 2, 4, 5, 6	use relevant equipment, technology, and software
	2, 3, 4, 8, 10	provide sound justifications for conclusions and recognise when further evidence is needed
	2, 3, 4	conduct independent research in varying fields of applied psychology
	1, 2, 5, 6, 8, 11	access and retrieve 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

COMPETENCES

<p>The National Qualification Framework states that degree holders can apply their knowledge and skills in their profession and/or further study, such that holders:</p> <ol style="list-style-type: none"> 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 complex scientific information, challenges and findings to scholars as well as to general audiences 4. are capable of presenting and describing scientific issues and research findings in a foreign language 5. can make decisions in an independent, professional manner and defend them 6. can evaluate the suitability of the different methods of analysis and complex scientific issues in each case 7. can communicate statistical information 	<p>* The learning outcomes for the MSc in Psychology state that degree holders can apply their knowledge and skills in practical ways in psychology, as follows:</p>								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%; text-align: center; padding: 5px;">5, 6</td> <td style="padding: 5px;">recognize and manage professional and ethical issues</td> </tr> <tr> <td style="text-align: center; padding: 5px;">1, 2,</td> <td style="padding: 5px;">work in an independent and organised manner, set goals, and plan and implement solutions to diverse problems</td> </tr> <tr> <td style="text-align: center; padding: 5px;">2, 3, 5, 6</td> <td style="padding: 5px;">apply the methods and procedures of psychology, with particular reference to cognitive behaviour therapy and applied behaviour analysis, to advance human welfare</td> </tr> <tr> <td style="text-align: center; padding: 5px;">1, 2, 5, 6</td> <td style="padding: 5px;">advance knowledge through innovation and knowledge creation</td> </tr> </table>	5, 6	recognize and manage professional and ethical issues	1, 2,	work in an independent and organised manner, set goals, and plan and implement solutions to diverse problems	2, 3, 5, 6	apply the methods and procedures of psychology, with particular reference to cognitive behaviour therapy and applied behaviour analysis, to advance human welfare	1, 2, 5, 6	advance knowledge through innovation and knowledge creation
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	1, 3,	pursue life-long learning in professional practice
	2, 3	participate actively and cooperatively in group tasks, and assume a leadership role
	1, 2,	be able to conduct original research, from initial conception of the research idea to the presentation of research findings, and the preparing of research reports
	1, 2, 3, 7	interpret and present theoretical issues and empirical findings