		National Goals	Concise Interpretation	Mandatory Courses				Mandatory Exams		
				Scientific Theory in Informatics (IT0919F) (7.5 credits)	Scientific Methodology and Research Design (IT0950F) (7,5 credits)	Scientific Workshop in Informatics I (IT0927F) (5 credits)	Research Ethics (IT0925F) (5 credits)	Planning seminar - Research Proposal	Halfway seminar - Thesis Proposal	Final Seminar Thesis Thesis defence
Knowledge and understanding	1.1	demonstrate broad knowledge and systematic understanding of the research field	Broad knowledge in research field	X					X	X
	1.2	demonstrate advanced and up-to-date specialised knowledge in a limited area of this field	Specialized state-of-the-art knowledge in research sub-field	X		X		X	X	X
	2.1	demonstrate familiarity with research methodology in general	General research methodology	X	X			X	X	X
	2.2	demonstrate familiarity with the methods of the specific field of research in particular	Specific research methods				X		X	X
Competence and skills	3	demonstrate the capacity for scholarly analysis and synthesis as well as to review and assess new and complex phenomena, issues and situations autonomously and critically	Independent and critical analysis of literature to recognize research gaps	X	X	X		X	X	X
	4.1	demonstrate the ability to identify and formulate issues with scholarly precision critically, autonomously and creatively, and	Formulate research gaps into research questions					X	X	X
	4.2	demonstrate the ability to plan and use appropriate methods to undertake research and other qualified tasks within predetermined time frames and to review and evaluate such work	Plan and execute research work to address research questions				X	X	X	X
	5	demonstrate through a dissertation the ability to make a significant contribution to the formation of knowledge through his or her own research	Contribute new knowledge through dissertation					X	X	X
	6	demonstrate the ability in both national and international contexts to present and discuss research and research findings authoritatively in speech and writing and in dialogue with the academic community and society in general	Communication in speech and writing nationally and internationally			X		X	X	X
	7	demonstrate the ability to identify the need for further knowledge and	Identify need for further knowledge in the field or in own research					X	X	X
	8	demonstrate the capacity to contribute to social development and support the learning of others both through research and education and in some other qualified professional capacity	Contribute to social development and learning			X				
Judgement and approach	9	demonstrate intellectual autonomy and disciplinary rectitude as well as the ability to make assessments of research ethics, and	Practice and assess research ethics as well as taking lead of their own research.	X	X		X		X	X
	10	demonstrate specialised insight into the possibilities and limitations of research, its role in society and the responsibility of the individual for how it is used.	Identify extensions and limitations of research work both with respect to its scientific contribution and its potential impact on society.				X		X	X