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Curriculum for the **Master's Programme Information Systems** at the University of Innsbruck Faculty of Business and Management

(New-Release 2024)

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§1 Allocation of the study programme

Acc. to §54 Universities Act 2002, the Master's Programme Information Systems is grouped among the social and economic study programmes.

§2 Qualification profile

(1) The Master's Programme in Information Systems serves to provide in-depth vocational training in the social sciences and economics and to qualify students for professional activities that require the application of in-depth scientific knowledge and specialised methods of information systems. As an academic degree programme, its core consists of teaching the theories, methods and instruments of social and economic sciences and, in particular, information systems. This includes the areas of information and knowledge management, business process and company modelling as well as the design of information systems along the value chain. The findings of gender research are also taken into account.

(2) In addition to subject-specific skills, the Master's Programme in Information Systems also promotes extracurricular social skills in the modules, such as cooperation in interdisciplinary teams and oral and written communication skills.

(3) The educational objective of the university master's programme is to provide graduates with in-depth scientific and academically sound, theory- and method-based analysis and problem-solving skills in science and practice. Graduates possess highly specialised knowledge based on the latest findings in the field of business information systems and at the interfaces between the subjects of economics and computer science. Graduates have the knowledge, skills and competences to

- develop and implement methodically sound solutions for questions in the field of information systems;
- work independently on scientific problems in the field of information systems, assess scientific knowledge and apply it in new, particularly research-relevant contexts, as well as undertake further scientific doctoral studies;
- work on relevant problems in their respective non-university professional fields in a scientifically sound and practice-orientated manner. Beyond the field of information systems, they have qualifications that enable them to work in various professional fields;
- use their competences for the prosperous development of society and to improve the quality of life in a community by means of political and non-political processes;
- take responsibility for the professional development and management of individuals and groups;
- reflect on the ethical, social, gender and diversity-related and societal consequences and prerequisites of the use of their knowledge.

(4) In particular, the Master's Programme in Information Systems prepares for

- work in scientific organisations and institutions and for admission to a relevant doctoral programme and/or
- managerial, analytical, planning, auditing and advisory activities in the fields of information and knowledge management, business process and enterprise modelling as well as the design of information systems along the value chain in companies of various sizes and industries, public administrations, interest groups and non-profit organisations.

§3 Admission

(1) Admission to the Master's Programme in Information Systems requires a thematically relevant bachelor's programme completed at a university or a university of applied science or other, equivalent studies completed at an acknowledged Austrian or non-Austrian post-secondary educational institution.

(2) In any case, the Bachelor's Programme in Economics - Management and Economics, the Bachelor's Programme International Management or the Bachelor's Programme Computer Science and the Diploma Programme International Management at the University of Innsbruck

are relevant bachelor's programmes. The Rectorate decides on study programmes in question or on the equivalence of a study programme passed at a post-secondary educational institution home or abroad for the admission to the master's programme based on the regulations of the Universities Act §64 para. 3.

(3) To compensate for significant subject-related differences, supplementary examinations totalling a maximum of 30 ECTS-Credits may be prescribed, which must be taken by the end of the second semester of the master's programme.

(4) The following qualitative admission requirements pursuant to §63a para. 1 Universities Act also apply: Valid GMAT (Graduate Management Admission Test) with at least 550 points or GMAT Focus with at least 525 points (not older than two years at the time of application). Instead of the GMAT, an overall grade between 1.0 and 2.8 is also valid if a relevant degree programme (according to §3 para. 2) was completed at the University of Innsbruck.

§4 Scope and Duration

(1) The Master's Programme in Information Systems covers 120 ECTS-Credits. This corresponds to a duration of four semesters.

(2) The study programme is structured in modules.

§5 Language

The Master's Programme in Information Systems is offered in English. English language skills at level B2 (Common European Framework of Reference for Languages) are required. The regulations of the University of Innsbruck apply to the type of proof required.

§6 Types of courses and maximum number of students per course

(1) Courses without continuous performance assessment:

Lectures (VO) are courses held in lecture format. They introduce the research areas, methods and schools of thought for a given subject. No maximum number of students per course.

(2) Courses with continuous performance assessment:

1. Working groups (AG) aim to provide a forum to discuss theories, methods and techniques of a subject in the form of group work. Maximum number of participants: 15
2. Introductory seminars (PS) introduce students interactively to scientific literature through the treatment of selected issues. Maximum number of participants: 40.
3. Seminars (SE) provide in-depth treatment of scientific topics through students' presentations and discussion thereof. Maximum number of participants: 20
4. Lecture-tutorials (VU) focus on the practical treatment of concrete scientific tasks that are discussed during the lecture parts of the course. Maximum number of participants: 150

(3) For modules that are taken from other curricula, the maximum number of students per course as specified by the respective curricula apply.

§7 Allocation of places in courses with a limited number of participants

(1) In courses that have a maximum number of participants, places are allocated as follows:

1. Students for whom the study duration would be extended due to the postponement are to be given priority
2. If the criterion in no. 1 does not suffice, students who pass this course as part of a compulsory module will come first, then students that pass the course as part of an elective module.
3. If the criteria in no. 1 and no. 2 do not suffice, to regulate admission to a course, then the places will be randomly allocated.

(2) For courses that have been taken from other study programmes, the regulations on the respective curriculum apply.

§8 Compulsory modules - overview

(1) Two of the following compulsory modules covering a total of 20 ECTS-Credits are to be passed in accordance with the completed bachelor's programme. The Director of Studies makes the assignment.

	Compulsory Modules	h	ECTS-Credits
1.	Introduction to Business and Management I (for students with a degree in computer science)	4	10
2.	Introduction to Business and Management II (for students with a degree in computer science)	4	10
3.	Introduction to Computer Science I (for students with a degree in management or economics)	4	10
4.	Introduction to Computer Science II (for students with a degree in management or economics)	4	10

(2) The following compulsory modules covering 50 ECTS-Credits are to be passed:

	Compulsory Modules	h	ECTS-Credits
1.	Business Information Systems	3	5
2.	Fundamentals of Business Information Systems	1	5
3.	Business Process Management	4	10
4.	IT Project Management	4	10
5.	Methods in Information Systems	4	10
6.	Preparation of the Master's Thesis	-	5
7.	Research Colloquium for the Master's Thesis	1	5

§9 Elective modules – overview

(1) 20 ECTS-Credits are to be passed from the following catalogue of elective modules:

	Elective Modules	h	ECTS-Credits
1.	Current Topics in Information Systems with a Focus on Digital Markets	4	10
2.	Current Topics in Information Systems with a Focus on Digital Organisations	4	10
3.	Current Topics in Information Systems with a Focus on Digital Society	4	10
4.	Operations Management I: IT-Supported Production and Supply Chain Planning – Concepts, Methods and Software	4	10
5.	Operations Management II: Applying Methods of Operations Management – Optimization, Simulation and Analytics	4	10
6.	Set-up and Operation of Secure Software Systems	3	5
7.	Specialisation A (Master's Programme in Computer Science)	6	10
8.	Specialisation in Software Engineering	6	10
9.	Software Security Engineering	4	7.5

(2) Elective modules covering 10 ECTS-Credits must be completed from the following catalogue:

	Elective Modules	h	ECTS-Credits
1.	A not yet passed module from modules acc. to §9 para. 1	-	10
2.	Gender, Work and Organisation	4	10
3.	Diversity and Gender in International Organisations and Markets	3	5

4.	Module(s) or courses from other master's programmes at the Faculty of Business and Management or the Faculty of Economics and Statistics	-	10
5.	Interdisciplinary Skills	-	10

§10 Compulsory and elective modules – detailed information

(1) Compulsory modules acc. to §8 para. 1:

1.	**Compulsory Module: Introduction to Business and Management I (for students with a degree in Computer Science)**	**h**	**ECTS-Credits**
a.	**VO Introduction to Business and Management** Students are taught knowledge from various economic sub-disciplines. Central economic theories, methods and models are covered.	2	5
b.	**PS Introduction to Business and Management** In the introductory seminar, the contents covered in the lecture are studied in detail and applied in the content of exercises and case studies.	2	5
	Total	**4**	**10**
	Learning Outcomes: Students have knowledge of central economic theories, methods and models as well as their relevance in economic life and can apply this knowledge to new issues and critically scrutinise them. Students are able to discuss the implications of increasing digitalisation for the application of management theories, methods and models.		
	Prerequisites: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2		

2.	**Compulsory Module: Introduction to Business and Management II (for students with a degree in Computer Science)**	**h**	**ECTS-Credits**
a.	**VU Value-Adding Processes in Organisations** Building on the value chain model, students are taught the fundamentals of operational performance. The material and goods flows as well as the corresponding organisational processes of a company are presented. In order to broaden the company's internal perspective, the basics of supply chain management, which deals with the organisation and control of value creation processes from a cross-company perspective, are also taught.	2	5
b.	**PS Value-Adding Processes in Organisations** The theoretical knowledge is applied in the introductory seminar by means of case studies. The focus of the introductory seminar is on the understanding, application and limitations of quantitative methods for the management of value creation processes in organisations.	2	5
	Total	**4**	**10**
	Learning Outcomes: Students are able to understand and question value creation processes in organisations. They are familiar with the scientific principles of operational service provision. They are able to apply and critically evaluate quantitative methods of operations and supply chain management.		
	Prerequisites: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2		

3.	Compulsory Module: Introduction to Computer Science I (for students with a degree in Management or Economics)	h	ECTS-Credits
a.	**VU Introduction to Computer Science** The lecture-tutorial (VU) provides an overview of the most important areas of computer science and imparts knowledge of data structures and algorithms.	2	5
b.	**VU Introduction to Programming** The lecture covers core concepts of programming as well as basic concepts of data structures and algorithms.	2	5
	Total	**4**	**10**
	Learning Outcomes: Students have knowledge of data structures and algorithms and are able to apply these in the context of systematic software development. They are able to acquire similar content, in particular further elements of programming, independently. Students have a basic understanding of the way of thinking in computer science and can apply this to unfamiliar problems in computer science.		
	Prerequisites: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2		

4.	Compulsory Module: Introduction to Computer Science II (for students with a degree in Management or Economics)	h	ECTS-Credits
a.	**VU Database Systems** The lecture-tutorial (VU) imparts knowledge of database systems, both from the user's point of view, i.e. the modelling of a database, its creation, querying (SQL) and optimisation, as well as the underlying concepts for internal evaluation, the underlying concepts for internal evaluation, transaction management, efficient storage (tuning) and restarting in the event of a system crash (recovery).	2	5
b.	**VU Introduction to Modelling** The course covers basic modelling techniques and perspectives. One focus is on object-oriented modelling techniques.	2	5
	Total	**4**	**10**
	Learning Outcomes: Students have knowledge of database systems and are able to apply this knowledge to evaluate and optimise database systems. They are familiar with modelling techniques and perspectives and can apply object-oriented modelling techniques. They have the ability to acquire similar content independently.		
	Prerequisites: positive evaluation of the compulsory module acc. to §8 para. 2 no.2		

(2) Compulsory modules acc. to §8 para. 2:

1.	Compulsory Module: Business Information Systems	h	ECTS-Credits
a.	**VU Business Information Systems** Students get to know information and communication systems as the key objects of study in the field of information systems and become familiar with the special features and components of business information systems. The lecture covers concepts and methods of how data, functions and processes are integrated into business information systems. In addition to the design of business information systems, students gain an insight into the decisions made by companies and organisations on the use of the systems, their acceptance by employees and stakeholders and their assimilation into operational processes and practices.	1	3
b.	**SE Business Information Systems** In-depth study of the contents dealt with in the lecture-tutorial (VU) by means of case studies and examples.	2	2
	Total	**3**	**5**
	Learning Outcomes: Students have an overview of business information systems and their main components as well as sound knowledge of the design of business information systems and their embedding and application in organisations. They will be able to explain key theoretical approaches, problems and instruments of business informatics, independently compare and critically scrutinise scientific theories of business informatics. Students are able to independently analyse current scientific articles, critically question their results and conclusions, replicate empirical work and prepare and present them to an expert audience.		
	Prerequisites: positive evaluation on the compulsory module acc. to §8 para. 2 no. 2		

2.	Compulsory Module: Fundamentals of Business Information Systems	h	ECTS-Credits
	VO Fundamentals of Business Information Systems In this lecture (VO) the fundamentals of business information systems are taught. Central theories, methods and models of business information systems along the value chain are covered.	1	5
	Total	**1**	**5**
	Learning Outcomes: Students have basic knowledge of the central theories, methods and models of business information systems along the value chain and can reproduce and apply them to specific situations. Students are able to work out similar content independently and discuss it critically.		
	Prerequisites: none		

3.	Compulsory Module: Business Process Management	h	ECTS-Credits
a.	**VU Business Process Management** This lecture-tutorial (VU) provides students with a comprehensive overview of business process management. Tha aim is to achieve a profound understanding of business processes by dealing with theories, methods and tools for identifying, documenting, modelling, evaluating and improving business processes.	2	5

b.	**SE Business Process Management** In the seminar the contents and methods discussed in the lecture-tutorial (VU) are studied in depth in a practice-oriented way. This is primarily done on the basis of examples and case studies, which are studied during the seminar using respective software tools.	2	5
	Total	**4**	**10**
	Learning Outcomes: Students are able to understand various core concepts in the field of business process management, which will enable them to view companies from a process perspective. They can explain how different activities in business process management are interrelated. Students can analyse, design and optimise business processes in order to improve the process efficiency of companies. They are able to model business processes, identify weaknesses and recognise potential for optimisation. They are able to categorise how information technology can be used to automate, monitor and control business processes.		
	Prerequisites: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2		

4.	**Compulsory Module: IT Project Management**	**h**	**ECTS-Credits**
a.	**VU IT Project Management** The lecture-tutorial (VU) provides students with detailed knowledge and methods of IT project management. Based on the individual phases of project planning, students become familiar with methods and models for planning, implementing and evaluating IT projects.	2	5
b.	**SE IT Project Management** In this seminar, the content and methods covered in the lecture tutorial (VU) are studied in-depth in a practice-oriented way. This is mainly done on the basis of an actual IT project, which the students work on during the seminar.	2	5
	Total	**4**	**10**
	Learning Outcomes: Students have in-depth knowledge of the process, methods and models of IT project management. They can apply this knowledge in the planning, implementation and evaluation of an IT project and put it into practice. Students can independently design and develop IT artefacts to solve business challenges and prepare and present them in a concise form for an expert audience.		
	Prerequisites: positive evaluation acc. to §8 para. 2 no. 2		

5.	**Compulsory Module: Methods in Information Systems**	**h**	**ECTS-Credits**
a.	**VU Methods in Information Systems** In this lecture-tutorial (VU), students are taught essential research methods of business informatics for designing and analysing information systems. Using selected application examples, the effects of the use of information systems on science, companies and society will be discussed and reflected upon.	2	5
b.	**SE Methods in Information Systems** In this seminar, content covered by the lecture is studied in detail and applied in the context of actual case studies.	2	5
	Total	**4**	**10**

	Learning Outcomes: Students have in-depth knowledge of key research methods in business information systems as well as knowledge of their use in scientific practice. They are able to understand the advantages and disadvantages of the individual research methods and assess the requirements and limitations of their use. Students can use these methods to answer specific questions and assess the results obtained on the basis of various quality criteria. They can understand and critically scrutinise current research articles and prepare and present their results and conclusions for a specialist audience.
	Prerequisites: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2

6.	**Compulsory Module: Preparation of the Master's Thesis**	**h**	**ECTS-Credits**
	Agreement on the topic, the scope and the form of the Master's Thesis on the basis of a brief summary of the contents (synopsis) as well as agreement on the work processes and the study progress. Planning of an appropriate time frame for the completion of the Master's Thesis.	-	5
	Total	**-**	**5**
	Learning Outcomes: Students are able to present the planned content of the Master's Thesis in a structured and precise manner in writing (exposé), outline a feasible timetable, locate the planned Master's Thesis in a subject area of Information Systems, conclude a written Master's Thesis agreement and register the Master's Thesis with the Director of Studies.		
	Prerequisites: none		

7.	**Compulsory Module: Research Colloquium for Master Thesis**	**h**	**ECTS-Credits**
	AG Research Colloquium for Master Thesis In this module, students present their Master's Thesis, discuss the entire thesis or partial aspects of it with colleagues, deepen aspects of theory and research methodology and reflect on the limitations of the individual theses. They deal with the rules of good scientific practice.	1	5
	Total	**1**	**5**
	Learning Outcomes: Students are able to conceptualise and carry out academic work and present the research results. They can critically discuss partial aspects or their entire thesis with other students in their subject area and reflect on the social, ethical and intercultural implications.		
	Prerequisites: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2		

(3) Elective modules acc. to §9 para. 1 no. 1 to 5:

1.	Elective Module: Current Topics of Information Systems with a Focus on Digital Markets	h	ECTS-Credits
a.	**VU Current Topics of Information Systems with a Focus on Digital Markets** The lecture covers current topics and detailed aspects of information systems, with focus on Digital Markets.	2	5
b.	**SE Current Topics of Information Systems with a Focus on Digital Markets** In the seminar, content covered by the lecture-tutorial (VU) is considered in detail and applied through specific exercises and case studies.	2	5
	Total	**4**	**10**
	Learning Outcomes: Students have in-depth knowledge of selected models and theories for digital markets and digital platforms. They can independently develop solutions for how organisations can participate in digital markets and implement digital platforms. They are able to present these solutions precisely in oral and written form. Students can critically reflect on the implications of imbalances in digital markets.		
	Prerequisites: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2		

2.	Elective Module: Current Topics in Information Systems with a Focus on Digital Organisations	h	ECTS-Credits
a.	**VU Current Topics in Information Systems with a Focus on Digital Organisations** The lecture-tutorial (VU) covers current topics and detailed aspects of information systems, with focus on digital organisations.	2	5
b.	**SE Current Topics in Information Systems with a Focus on Digital Organisations** In the seminar, content covered by the lecture-tutorial (VU) is studied in detail and applied in the context of concrete examples and case studies.	2	5
	Total	**4**	**10**
	Learning Outcomes: Students have in-depth knowledge of selected models and theories in business information systems and their relevance for the success of digital organisations. They can independently develop solutions for how organisations can deal with challenges arising from the further development of information technologies. They are able to present these solutions precisely both orally and in writing.		
	Prerequisites: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2		

3.	Elective Module: Current Topics of Information Systems, with a Focus on Digital Society	h	ECTS-Credits
a.	**VU Current Topics of Information Systems with a Focus on Digital Society** The lecture-tutorial covers current topics and detailed aspects of information systems with a focus on digital society**.**	2	5
b.	**SE Current Topics of Information Systems with a Focus on Digital Society** In the seminar, content covered by the lecture-tutorial (VU) is studied in detail and applied in the context of concrete examples and case studies.	2	5
	Total	**4**	**10**
	Learning Outcomes: Students are able to evaluate the social changes brought about by various digital innovations and critically analyse their social and ethical implications. They have knowledge of selected theories and models in the context of the digital society. Students can independently research issues relating to the social impact of new technologies in the context of digitalisation, understand and critically analyse current research articles and media reports, and prepare and present results and conclusions for an expert audience.		
	Prerequisites: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2		

4.	Elective Module: Operations Management I: IT-Supported Production and Supply Chain Planning – Concepts, Methods and Software	h	ECTS-Credits
a.	**VU Operations Management I: IT-Supported Production and Supply Chain Planning – Concepts, Methods and Software** In the lecture-tutorial (VU), students are given an overview of the software categories used for their design, planning and control. Tasks, concepts, methods and IT support for production and supply chain planning, derivation of requirements for IT-supported planning systems, ex-ante benefit assessment of IT-supported planning systems and the simulation and optimisation of logistics networks are taught.	2	5
b.	**SE Operations Management I: IT-supported Production and Supply Chain Planning – Concepts, Methods and Software** In the seminar, students describe a value chain, learn a taxonomy of production systems and supply chains, model material flows and integrate planning concepts and information system design. Students apply methods from operations management using a case study with a special focus on simulation.	2	5
	Total	**4**	**10**
	Learning Outcomes: Students will be able to understand and critically discuss concepts for the planning, control and execution of value-adding processes and their IT support. They have in-depth knowledge of operations management methods with a particular focus on optimisation and simulation. Students can independently analyse current scientific articles, critically question their results and conclusions and replicate empirical work. They can independently develop quantitative methods and apply them to their own scientific questions.		
	Prerequisites: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2		

5.	Elective Module: Operations Management II: Applying Methods of Operations Managements – Optimisation, Simulation and Analytics	h	ECTS-Credits
a.	**VO Operations Management II: Applying Methods of Operations Managements – Optimisation, Simulation and Analytics** In this lecture (VO), students learn operations management methods using case studies with a particular focus on optimisation and simulation. The focus of this module is on the application of quantitative methods and thus also on critically scrutinising their assumptions in an operational context. The module is based on a real-life problem and is organised with company partners wherever possible.	2	5
b.	**SE Operations Management II: Applying Methods of Operations Managements – Optimisation, Simulation and Analytics** In the seminar, students apply operations management methods using case studies with a special focus on optimisation and simulation.	2	5
	Total	**4**	**10**
	Learning Outcomes: Students are able to independently apply and implement quantitative methods of operations management and discuss the limits of their applicability in business practice. Students are able to independently analyse current scientific articles and critically question their results and conclusions in relation to real-life problems.		
	Prerequisites: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2		

6.	Elective Module: Set-up and Operation of Secure Software Systems	h	ECTS-Credits
	VU Set-up and Operation of Secure Software Systems	3	5
	Total	**3**	**5**
	Learning Outcomes: Students can apply their knowledge of the correct configuration of security settings and access control of software platforms (in particular operating systems, web, cloud) as well as the use of proactive and reactive security measures and processes. They can also recognise typical vulnerabilities in software systems and have developed an awareness of the error-proneness of different programming languages and paradigms.		
	Prerequisites: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2		

(4) Elective modules acc. to §9 para. 1 no. 7 to 9:

1. The following elective module from the Master's Programme in Computer Science, University of Innsbruck Bulletin of 11 May 2021, Issue 63, No. 74 in the resp. valid version may be selected:

   Specialisation A

   Prerequisites for the courses of the module: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2.

2. The following modules from the Master's Programme in Software Engineering, University of Innsbruck Bulletin of 11 May 2021, Issue 64, No. 749, in the currently valid version, may be selected:

   a) Advanced Topics in Software Engineering

   b) Software Security Engineering

   Prerequisites for the courses of the module: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2.

(5) Elective modules acc. to §9 para. 2 no. 2 and 3:

1. The following elective module from the Master's Programme in Organization Studies, University of Innsbruck Bulletin of 2 April 2024, Issue 34, No. 644, in the respectively valid version may be selected:

   Gender, Work and Organization:

   Prerequisites for the courses of the module: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2.

2. The following elective module from the Master's Programme in International Management, University of Innsbruck Bulletin from 6 June 2023, Issue 46, No. 539, in the resp. valid version may be selected: Diversity and Gender in International Organisations and Markets

   Prerequisites for the courses of the module: positive evaluation of the compulsory module acc. to §8 para. 2 no. 2.

(6) Elective module acc. to §9 para. 2: no. 4 and 5:

1.	**Elective Module: Module(s) or Courses from other Master's Programmes offered at the Faculty of Business and Management or the Faculty of Economics and Statistics**	**h**	**ECTS-Credits**
	Provided that places are available, modules or courses covering 10 ECTS-Credits may be passed from the master's programmes offered at the Faculty of Business and Management or the Faculty of Economics and Statistics at the University of Innsbruck.	-	10
	Total	**-**	**10**
	Learning Outcomes: Students have additional knowledge from other business and economics subject areas and can establish the connections to their own specialised knowledge. They are able to individualise and deepen their business education profile by acquiring additional qualifications.		
	Prerequisites: The prerequisites specified by the respective curricula are to be met.		

2.	**Elective Module: Interdisciplinary Skills**	**h**	**ECTS-Credits**
	Provided that places are available, modules or courses covering 10 ECTS-Credits may be passed from other master's programmes offered at the University of Innsbruck.	-	10
	Total	**-**	**10**
	Learning Outcomes: Students have additional and in-depth competences, skills and additional qualifications at the interface between business information systems and other disciplines. They can establish the connections to their own specialist knowledge and are able to individualise and deepen their specialist profile by acquiring additional qualifications. They can critically assess the implications of the increasing digitalisation of the economy and society for other disciplines.		
	Prerequisites: The prerequisites specified by the respective curricula are to be met.		

Instead of elective module acc. to §9 para. 2, a Minor for master's programmes or parts of one may be passed, provided that places are available. Minors are fixed modules from other disciplines covering 30 ECTS-Credits. They have been announced in the University of Innsbruck Bulletin.

§11 Master's Thesis

(1) In the Master's Programme in Information Systems, a Master's Thesis must be written in one of the subject areas covered by the compulsory modules acc. to §8 para. 2 no. 1 to 5 or the elective modules acc. to §9 para. 1 no. 1 to 10.

(2) The Master's Thesis is a scientific piece of work

(3) By writing the Master's Thesis students must prove that they are able to independently apply and reflect on the theoretical and methodological instruments of the subject to a limited research question within a limited period of time.

(4) Students have the right to propose the topic for the Master's Thesis or to choose it from a number of proposals.

(5) The Master's Thesis corresponds to a workload of 20 ECTS-Credits.

(6) The written announcement of the topic and the supervisor of the Master's Thesis requires the positive assessment of the compulsory modules in accordance with §8 para. 1 and 2 no. 1 to 5 as well as the elective modules pursuant to §9.

(7) The completed Master's Thesis must be submitted to the Director of Studies in electronic form. It must be accompanied by an affidavit declaration confirming that the rules of good scientific practice have been followed.

(8) Several students may work on a topic together if the performance of the individual students can be assessed separately.

(9) The Master's Thesis may be written in another language with the consent of the Master's Thesis supervisor.

§12 Examination regulations

(1) The performance in modules is evaluated by course examinations.

(2) In the case of course examinations, the course instructors fix the examination method (written/oral/exam paper/s) before the start of the semester.

(3) In the case of courses without continuous performance evaluation, the evaluation is based on a single examination at the end of the course.

(4) Courses with continuous performance evaluation are assessed based on at least two written, oral and/or practical contributions of the participants.

(5) The Compulsory Module "Preparation of the Master's Thesis" is assessed by the supervisor based on a synopsis. Positive evaluation reads "participated with success", negative evaluation "participated without success".

(6) Modules and courses that have been selected from other study programmes are subject to the examination regulations of the curriculum they have been taken from. Extra-curricular Minors are subject to the examination regulations in accordance with this curriculum.

§13 Academic Degree

Graduates of the Master's Programme Information Systems are awarded the academic degree of "Master of Science", abbreviated as "M.Sc.".

§14 Coming into force

This curriculum comes into force on 1 October 2024.

§15 Transitional regulations

(1) This curriculum applies to all students who start the Master's Programme in Information Systems as of the 2024/25 winter semester.

(2) Regular students, who have started the Master's Programme in Information Systems as published in the University of Innsbruck Bulletin of 19 February 2008, Issue 22, No. 189, last amended on 28 June 2019, Issue 65, No. 571 before 1 October 2024, are entitled to finish this study programme within a maximum six semesters from this point in time.

(3) If the Master's Programme in Information Systems is not finished in time, the students are subject to this curriculum. In any case, the students are entitled to subject to this curriculum on a voluntary basis any time.