Note:

The following curriculum is a consolidated version. It is legally non-binding and for informational purposes only.

The legally binding versions are found in the University of Innsbruck Bulletins (in German).

Principal version published in the University of Innsbruck Bulletin of 19 February 2008, Issue 22, No. 189

Modification published in the University of Innsbruck Bulletin of 2 June 2014, Issue 23, No. 395

Amendment published in the University of Innsbruck Bulletin of 18 June 2014, Issue 31, No. 509

Amendment published in the University of Innsbruck Bulletin of 20 August 2014, Issue 44, No. 601

Equivalence list published in the University of Innsbruck Bulletin of 10 September 2014, Issue 46, No. 655

Amendment published in the University of Innsbruck Bulletin of 15 February 2018, Issue 14, No. 203

Consolidated version from October 1 2018

Curriculum for the
Master Program in Information Systems
at the University of Innsbruck Faculty of Business and Management

§ 1 Qualification profile and program objectives

(1) The Master Program in Information Systems forms part of the group of studies in the social and economic sciences.

(2) The Master Program in Information Systems aims at intensive career preparation in the social and economic sciences and qualifies students for careers which require the application of scientific knowledge and methods. As a scientific program, it essentially covers theories, methods and instruments of the social and economic sciences and, in particular, the field of information systems along the value chain. Findings from the field of gender research are also taken into consideration.

(3) In addition to subject-specific competences, the Master Program in Information Systems also promotes social skills.

(4) The objective of the Master Program is for graduates to achieve advanced, scientifically sound theoretical and method-driven analytical skills, along with problem-solving competences applicable in science and practice. This combination of skills and competences should enable graduates

- to deal with research questions independently, to reflect on scientific knowledge and apply it to new, especially research-relevant contexts, as well as to pursue PhD programs;
- to handle pertinent responsibilities in their professional careers outside the university in a scientifically sound and practically relevant manner. Above and beyond the field of information systems, graduates of the Master Program are qualified to pursue careers in different occupational fields;
- to reflect intensively on the ethical and social consequences and preconditions when applying their knowledge.

(5) In particular, the Master Program in Information Systems prepares students for

- careers in academic establishments and institutions and especially for pursuing a PhD program and/or
- managerial, analytical, planning, auditing and consulting responsibilities in the areas of information and knowledge management, business process modeling and enterprise modeling, as well as designing information systems along the value chain.

§ 2 Admission requirements

(1) Admission to the Master Program in Information Systems requires a thematically relevant bachelor program 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) Thematically relevant studies include the Bachelor Program in Management and Economics or Computer Science completed at the University of Innsbruck. Based on the regulations for admission to master programs as defined by the University Act, the Rector's office decides whether other thematically relevant studies completed at an acknowledged Austrian or non-Austrian post-secondary educational institution can be accepted or considered equivalent.

(3) In cases where only minor requirements are missing for full equivalency, the Rector's office may require applicants to take additional exams during the Master Program to have their degrees acknowledged as equivalent to the requirements stated above.

§ 3 Workload and duration of the program

The Master Program in Information Systems is the equivalent of 120 credits (ECTS); this corresponds to a program duration of four semesters.

§ 4 Program language

The Master Program in Information Systems is offered in English.

§ 5 Types of course units and number of participants

(1) Course units without continuing performance assessment:

1. Lectures (VO) are held in the form of presentations and provide an introduction to the research topics, methods and theories of a subject area. The number of participants is not restricted.
2. Work groups (AG) involve the joint consideration of theories, questions, methods and techniques of a subject area in the form of group work. The maximum number of participants is 15.

(2) Course units with continuing performance assessment are:

1. Proseminars (PS) provide an interactive introduction to the literature in the field, cover exemplary subject-specific questions, and familiarize students with theories and methods of scientific work. The maximum number of participants is 40.
2. Seminars (SE) offer the opportunity to focus intensively on scientific work through student presentations and discussions. The maximum number of participants is 20.
3. In tutorials (UE) students work on specific scientific questions of a subject area. The maximum number of participants is 20.

4. Lectures with practical elements (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

§ 6 Procedure for the admission to course units with a limited number of participants

In course units that have a maximum number of participants, places are allocated as follows:

1. Preference is given to students whose study time would be prolonged, if they did not obtain a place in the respective course unit.
2. If Point (1) does not suffice to regulate admission to a course unit, priority is given to students who have chosen it as part of a mandatory course over those who have chosen it as part of an elective course.
3. If the criteria according to Points (1) and (2) do not suffice to regulate admission to a course unit, a lottery system is used to allocate available course places.

§ 7 Overview of mandatory courses

(1) Dependent on the subject of a student's initial bachelor program, the Dean of Studies decides which two of the following mandatory courses must be completed:

	Mandatory Course	SST	ECTS credits
1	Management Essentials I (for students with a degree in Computer Science)	4	10
2	Management Essentials II (for students with a degree in Computer Science)	4	10
3	Computer Science Essentials I (for students with a degree in Management or Economics)	4	10
4	Computer Science Essentials II (for students with a degree in Management or Economics)	4	10

(2) The following mandatory courses amounting to 45 ECTS credits must be completed:

	Mandatory Course	SST	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	Research Colloquium for Master Thesis	1	5

§ 8 Overview of elective courses

(1) Out of the following elective courses, amounting to 20 ECTS credits, must be completed:

	Elective Course	SST	ECTS credits
1	Current Topics of Information Systems, especially Digital Markets	4	10
2	Current Topics of Information Systems, especially Digital Organizations	4	10
3	Current Topics of Information Systems, especially the 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	Data Warehouse	5	10

7	Enterprise Architecture	5	10
8	Semantic Web	5	10
9	Semantic Web Services	5	10
10	Advanced Concepts and Techniques of Software Engineering	5	10

(2) Out of the following elective courses, amounting to 10 ECTS credits, must be completed:

	Elective Course	**SST**	**ECTS credits**
1	One of the courses listed under § 8.1 that has not yet been completed.		10
2	Interdisciplinary Perspectives on Accounting	4	10
3	Corporate Valuation	2	5
4	Information Economics	2	5
5	Applied Risk Management	2	5
6	Current Topics in Banking and Finance	2	5
7	Financial Regulation	2	5
8	Applied Behavioral Finance	2	5
9	Ethics in Organizations	4	10
10	Art, Culture, and Expert Organizations	4	10
11	Gender, Work, and Organization	4	10
12	Management von Beschäftigungsverhältnissen: Aktuelle Themen	4	10
13	Current Issues in Theory and Practice of Organizations	4	10
14	Organizational Communication and Governance	4	10
15	Entrepreneurship	4	10
16	Marketing Performance Management	4	10
17	Current Topics in Strategy & Marketing	4	10
18	Creativity & Change Management	4	10
19	Human Relations Management (I): Intercultural Human Resource Development	3	5
20	Human Relations Management (II): Employment-oriented Counseling	3	5
21	Interdisciplinary Competences		10

§ 9 Description of mandatory and elective courses

(1) Mandatory courses referred to in § 7 (1)

1	**Mandatory Course: Management Essentials I (for students with a degree in Computer Science)**	**SST**	**ECTS credits**
a	**VU Management Essentials** The lecture provides basic knowledge from different management disciplines and covers central management theories, methods, and models.	2	5
b	**PS Management Essentials** In the proseminar, content covered by the lecture is considered in detail and applied through exercises and case studies.	2	5
	Total	**4**	**10**
	Learning objectives of the course: Essential management knowledge		
	Admission requirements: positive completion of the course referred to in § 7 (2.2)		

2	Mandatory Course: Management Essentials II (for students with a degree in Computer Science)	SST	ECTS credits
a	**VU Value-Adding Processes in Organizations** The lecture is concerned with the fundamentals of value creation based on the concept of the value chain. In this context, both flows of materials and goods and corresponding organizational processes in an enterprise are discussed. In order to enhance the intra-company perspective, the lecture also covers principles of supply chain management, which are concerned with the design and management of value-adding processes between enterprises.	2	5
b	**PS Value-Adding Processes in Organizations** In the proseminar, case studies are used to enable students to apply their theoretical knowledge.	2	5
	Total	**4**	**10**
	Learning objectives of the course: An understanding of and reflection on value-adding processes in organizations, along with an awareness of the essentials of value creation in enterprises.		
	Admission requirements: positive completion of the course referred to in § 7 (2.2)		

3	Mandatory Course: Computer Science Essentials I (for students with a degree in Management or Economics)	SST	ECTS credits
a	**VU Computer Science Essentials** The lecture offers an introduction to the most important fields of computer science and provides the basis for further in-depth studies.	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 objectives of the course: After completion of this course, students should be able to understand, reproduce and apply the content of the lectures. They should have acquired the competence to work independently with similar content. Additionally, they should have gained a basic understanding of computer science concepts.		
	Admission requirements: positive completion of the course referred to in § 7 (2.2)		

4	Mandatory Course: Computer Science Essentials II (for students with a degree in Management or Economics)	SST	ECTS credits
a	**VU Database Systems** The lecture covers the fundamentals of database systems, including the user perspective - i.e. modeling and creating database, queries (SQL) and optimization - and the underlying concepts behind the internal utilization of a database, transaction management, efficient storage (tuning), and system recovery after a crash.	2	5
b	**VU Introduction to Modelling** The lecture covers basic modeling techniques and concepts, with an emphasis on object-oriented modeling.	2	5
	Total	**4**	**10**

	Learning objectives of the course: After completion of this course, students should be able to understand, reproduce and apply the content of the lectures. They should have acquired the competence to work independently with similar content. Additionally, they should have gained a basic understanding of database systems and modeling techniques.
	Admission requirements: positive completion of the course referred to in § 7 (2.2)

(2) Mandatory courses referred to in § 7 (2)

1	**Mandatory Course: Business Information Systems**	**SST**	**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. Apart from considering the design of business information systems, students gain an insight into company and organizational decisions about the implementation of such systems, their acceptance by employees and stakeholders, as well as their assimilation in entrepreneurial processes and practices.	1	3
b	**SE Business Information Systems** Selected topics of the lecture are covered in detail through examples and case studies.	2	2
	Total	**3**	**5**
	Learning objectives of the course: Students gain an overview of business information systems and their central components and acquire a sound knowledge of how business information systems are designed, embedded and implemented in organizations.		
	Admission requirements: positive completion of the course referred to in § 7 (2.2)		

2	**Mandatory Course:** Fundamentals of Business Information Systems	**SST**	**ECTS credits**
	VO Fundamentals of Business Information Systems The lecture covers fundamental topics of business information systems.	1	5
	Total	**1**	**5**
	Learning objectives of the course: Having completed this course, students understand the fundamentals of business information systems; they can reproduce and apply them. They have the skills to acquire similar knowledge independently.		
	Admission requirements: none		

3.	**Mandatory Course: Business Process Management**	**SST**	**ECTS credits**
a.	**VU Business Process Management** The lecture gives students a comprehensive overview of business process management. The consideration of theories, methods and tools for identifying, documenting, modelling, evaluating and improving business processes should lead to a detailed knowledge of business processes.	2	5

b.	**SE Business Process Management** The seminar provides a detailed and practically oriented consideration of the content and methods covered by the lecture. Primarily, this is done by using appropriate software to work on examples and case studies during the seminar.	2	5
	Total	**4**	**10**
	Learning objectives of the course: Students acquire a sound knowledge of business process management, enabling them to observe an enterprise from the process perspective, to understand process management projects, and – additionally – to apply instruments of business process management.		
	Admission requirements: positive completion of the courses referred to in § 7 (2.2)		

4	**Mandatory Course: IT Project Management**	**SST**	**ECTS credits**
a	**VU IT Project Management** The lecture 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 evaluating, selecting and implementing IT projects.	2	5
b	**SE IT Project Management** The seminar provides a detailed and practically oriented consideration of the content and methods covered by the lecture. By and large, this is done during the seminar through work on realistic case studies and exercises using suitable software tools.	2	5
	Total	**4**	**10**
	Learning objectives of the course: Students will acquire a sound knowledge of IT project management, enabling them to plan and implement IT project methods and models independently.		
	Admission requirements: positive completion of the courses referred to in § 7 (2.2)		

5	**Mandatory Course: Methods in Information Systems**	**SST**	**ECTS credits**
a	**VU Methods in Information Systems** The lecture covers general research methods and central theories of information systems. Additionally, specific methods and models which can be used for designing and explaining effects of information systems on enterprises and society are considered.	2	5
b	**SE Methods in Information Systems** In the seminar, content covered by the lecture is considered in detail and applied through specific exercises and case studies.	2	5
	Total	**4**	**10**
	Learning objectives of the course: Students understand and reflect on current methods and theories of information systems.		
	Admission requirements: positive completion of the courses referred to in § 7 (2.2)		

6	Mandatory Course: Research Colloquium for Master Thesis	SST	ECTS credits
	AG Research Colloquium for Master Thesis The research colloquium offers support to students while they are working on their master theses. The thesis is presented, and special aspects are discussed in detail with a focus on theoretical questions along with research methods.	1	5
	Total	**1**	**5**
	Learning objectives of the course: Having completed the research colloquium, students are able to create the concept of a scientific study, to write it, and to present research results in different contexts.		
	Admission requirements: positive completion of the courses referred to in § 7 (2.2)		

(3) Elective courses referred to in § 8 (1 to 5)

1	Elective Course: Current Topics of Information Systems, especially Digital Markets	SST	ECTS credits
a	**VU Current Topics of Information Systems, especially 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, especially Digital Markets** In the seminar, content covered by the lecture is considered in detail and applied through specific exercises and case studies.	2	5
	Total	**4**	**10**
	Learning objectives of the course: After completion of the course, students should be able to understand, reproduce und apply the lecture content. They should have acquired the competence to work independently with similar content.		
	Admission requirements: positive completion of the courses referred to in § 7 (2.2)		

2	Elective Course: Current Topics of Information Systems, especially Digital Organizations	SST	ECTS credits
a	**VU Current Topics of Information Systems, especially Digital Organizations** The lecture covers current topics and detailed aspects of information systems, with focus on digital organizations.	2	5
b	**SE Current Topics of Information Systems, especially Digital Organizations** In the seminar, content covered by the lecture is considered in detail and applied through specific exercises and case studies.	2	5
	Total	**4**	**10**
	Learning objectives of the course: After completion of the course, students should be able to understand, reproduce und apply the lecture content. They should have acquired the competence to work independently with similar content.		
	Admission requirements: positive completion of the courses referred to in § 7 (2.2)		

3	Elective Course: Current Topics of Information Systems, especially Digital Society	SST	ECTS credits
a	**VU Current Topics of Information Systems, especially Digital Society** The lecture covers current topics and detailed aspects of information systems, with focus on digital society**.**	2	5
b	**SE Current Topics of Information Systems, especially Social Aspects of Digital Society** In the seminar, content covered by the lecture is considered in detail and applied through specific exercises and case studies.	2	5
	Total	**4**	**10**
	Learning objectives of the course: After completion of the course, students should be able to understand, reproduce und apply the lecture content. They should have acquired the competence to work independently with similar content.		
	Admission requirements: positive completion of the courses referred to in § 7 (2.2)		

4	Elective Course: Operations Management I: IT-supported Production and Supply Chain Planning – Concepts, Methods and Software	SST	ECTS credits
a	**VU Operations Management I: IT-supported Production and Supply Chain Planning – Concepts, Methods and Software** Describing and modelling production systems and supply chains along with an overview of the software categories used to design, plan and control them; production and supply chain planning: tasks, concepts, methods and IT support; developing requirements for IT-supported planning systems; ex-ante evaluation of the benefits of IT-supported planning systems; simulation of logistical networks.	2	5
b	**SE Operations IT-supported Production and Supply Chain Planning – Concepts, Methods and Software** Describing a value chain, the taxonomy of production systems and supply chains, modelling material flows and integrating planning concepts along with information systems design. Application of operations management methods in a case study approach with a special focus on simulation.	2	5
	Total	**4**	**10**
	Learning objectives of the course: Understanding and reflecting on concepts employed to plan, control and implement value-adding processes and their IT support; knowledge of methods used in operations management with a special focus on their optimization and simulation.		
	Admission requirements: positive completion of the courses referred to in § 7 (2.2)		

5	Elective Course: Operations Management II: Applying Methods of Operations Managements – Optimization, Simulation and Analytics	SST	ECTS credits
a	**VU Operations Management II: Applying Methods of Operations Managements – Optimization, Simulation and Analytics** Methods of Operations Management using case studies which focus on optimization and simulation.	2	5

b	**SE Operations Management II: Applying Methods of Operations Managements – Optimization, Simulation and Analytics** Applying the methods of operations management by means of case studies, with a special focus on optimization and simulation.	2	5
	Total	**4**	**10**
	Learning objectives of the course: Competence to apply and implement methods of operations management along with the skill to reflect on the limitations of applying these methods in business practice.		
	Admission requirements: positive completion of the courses referred to in § 7 (2.2)		

(4) Elective courses referred to in § 8 (1.4 to 1.10 and 2.2 to 2.20)

1. The following elective courses can be chosen from the Master Program in Computer Science (University of Innsbruck Bulletin of 23 April 2007, Issue 33, No. 197, in its applicable version):

   a) Data Warehouse

   b) Enterprise Architecture

   c) Semantic Web

   d) Semantic Web Services

   e) Advanced Concepts and Techniques of Software Engineering

   Admission requirements for the course units: positive completion of the mandatory courses referred to in § 7 (2.2).

2. The following elective courses can be chosen from the Master Program in Accounting, Auditing and Taxation (University of Innsbruck Bulletin of 4 May 2007, Issue 51, No. 225, in its applicable version):

   a) Interdisciplinary Perspectives on Accounting

   Admission requirements for the course units: positive completion of the mandatory courses referred to in § 7 (2.2).

3. The following elective courses can be chosen from the Master Program in Banking and Finance (University of Innsbruck Bulletin of 4 May 2007, Issue 53, No. 227, in its applicable version):

   a) Corporate Valuation

   b) Information Economics

   c) Applied Risk Management

   d) Current Topics in Banking and Finance

   e) Financial Regulation

   f) Applied Behavioral Finance

   Admission requirements for the course units: positive completion of the mandatory courses referred to in § 7 (2.2).

4. The following elective courses can be chosen from the Master Program in Organization Studies (University of Innsbruck Bulletin of 19 April 2007, Issue 24, No. 187, in its applicable version):

   a) Ethics in Organizations

   b) Art, Culture, and Expert Organizations

   c) Gender, Work, and Organization

   d) Management of Employment Relationships: Current Topics

   e) Organizational Communication and Governance

   Admission requirements for the course units: positive completion of the mandatory courses referred to in § 7 (2.2).

5. The following elective courses can be chosen from the Master Program in Strategic Management (University of Innsbruck Bulletin of 19 April 2007, Issue 25, No. 188, in its applicable version):

   a) Entrepreneurship

   b) Marketing Performance Management

   c) Current Topics in Strategy & Marketing

   d) Creativity & Change Management

   Admission requirements for the course units: positive completion of the mandatory courses referred to in § 7 (2.2).

6. The following elective courses can be chosen from the Master Program in Business Education (University of Innsbruck Bulletin of 10 March 2007, Issue 15, No. 143, in its applicable version):

   a) Human Relations Management (I): Intercultural Human Resource Development

   b) Human Relations Management (II): Employment-oriented Counseling

   Admission requirements for the course units: positive completion of the mandatory courses referred to in § 7 (2.2).

(5) Elective course as referred to in § 8 (2.21)

	Elective Course: Interdisciplinary Competences	SST	ECTS credits
	Course units with a maximum number of 10 ECTS credits can be chosen freely from all curricula of master programs offered at the University of Innsbruck, provided that space in these courses is available.		10
	Total		**10**
	Learning objectives of the course: This course is designed for students to broaden their field of study and to acquire additional qualifications.		
	Admission requirements: As defined in the respective curricula.		

§ 10 Master Thesis

(3) In the Master Program in Information Systems, a master thesis must be written. The topic of the thesis must be chosen from the subjects covered by the mandatory courses referred to in § 7 (2.1 to 2.5) or by the elective courses referred to in § 8 (1 to 9)

(4) The master thesis is a scientific piece of work.

(5) When creating the master thesis, students must demonstrate that they are able to apply the theoretical and methodical instruments of the subject area to a particular research question and to reflect on them independently and in a limited period of time.

(6) Students have the right to propose the topic of the master thesis or to choose it from a number of proposals.

(7) The master thesis is equivalent to a work load of 25 ECTS credits.

(8) The topic and the supervisor of the master thesis may only be submitted on positive completion of the mandatory courses referred to in § 7 (1 and 2.1.to 2.5) and the elective course/s referred to in § 8.

(9) The completed master thesis must be submitted to the Dean of Studies in printed form and in an electronic form defined by the Dean of Studies.

(10) It is permissible for several students to work jointly on one single master thesis topic, on the condition that each individual student's contribution is identified distinctly and can be assessed separately.

§ 11 Examination regulations

(1) Performance in courses is evaluated by means of course examinations.

(2) The examination method (written / oral / exam paper/s) for course units is determined by the instructor of the course unit at the beginning of the course unit.

(3) Performance evaluation in courses from other master programs is regulated by the curricula of the respective programs.

§ 12 Academic Degree

Graduates of the Master Program in Information Systems are awarded the academic degree of "Master of Science", or "M.Sc.", in brief.

§ 13 Implementation

(1) This curriculum comes into force on 1 October 2008.

(2) Changes of the curriculum according to the University of Innsbruck Bulletin of 2 June 2014, Issue 23, No. 395 come into force on 1 October 2014 and apply to all students.

(3) Changes of the curriculum according to the University of Innsbruck Bulletin of 15 February 2018, Issue 14, No. 203 come into force on 1 October 2018 and apply to all students.

§ 14 Interim regulations

(1) Elective courses completed positively according to the curriculum as published in the University of Innsbruck Bulletin of 19 February 2008, Item 22, No. 189, are accredited as elective courses of the curriculum published in the University of Innsbruck Bulletin of 2 June 2014, Item 23, No. 395.

(2) A list of equivalent courses will be published separately.

Equivalence list – Master Program in Information Systems

Notice according to § 35 Para 1 of the "Regulations of Study Law", republished in the University of Innsbruck Bulletin in the version of 3 February 2006, Issue 16, No. 90:

(1) Positively assessed exams, taken as part of the **Master Program in Information Systems** at the University of Innsbruck (curriculum published in the version of the University of Innsbruck Bulletin from 19 April 2007, Issue 24, No. 187) will be recognized as equal towards the exams of the curriculum published in the version of the University of Innsbruck Bulletin from 2 June 2014, Issue 23, No. 393 as follows:

<table>
<tr><th colspan="2">Curriculum published in the version of the University of Innsbruck Bulletin from 19 February 2008, Issue 22, No. 189</th><th colspan="2">Curriculum published in the version of the University of Innsbruck Bulletin from 2 June 2014, Issue 23, No. 395</th></tr>
<tr><td colspan="4">For already successfully completed compulsory courses or individual, successfully completed course units, the following applies:</td></tr>
<tr><td rowspan="2">§ 7 (2) No. 4
or
§ 9 (2) No. 4</td><td>CM* Introduction to Computer Science for Management - Core II (5 h/10 ECTS credits)</td><td rowspan="2">§ 7 (1) No 4
or
§ 9 (1) No 4</td><td>CM* Computer Science Essentials II (4 h/10 ECTS credits)</td></tr>
<tr><td>or:
• VO Database Systems (2 h/4 ECTS credits)
• VO Introduction to Modelling (1 h/2 ECTS credits)</td><td>or:
• VO Database Systems (1 h/3 ECTS credits)
• VO Introduction to Modelling (1 h/3 ECTS credits)</td></tr>
<tr><td rowspan="2">§ 7 (3) No. 2
or
§ 9 (3) No. 2</td><td>CM* Information and Knowledge Management (4 h/10 ECTS credits)</td><td rowspan="2">§ 7 (2) No 2
or
§ 9 (2) No 2</td><td>CM* Information, Communication and Knowledge Management (4 h/10 ECTS credits)</td></tr>
<tr><td>or:
• SE Information and Knowledge Management (2 h/4 ECTS credits)</td><td>or:
• SE Information, Communication and Knowledge Management (2 h/4 ECTS credits)</td></tr>
<tr><td rowspan="2">§ 7 (3) No. 4
or
§ 9 (3) No. 4</td><td>CM* Business Process Modelling along the Value Chain (4 h/10 ECTS credits)</td><td rowspan="2">§ 7 (2) No 4
or
§9 (2) No 4</td><td>CM* Business Process Management (4 h/10 ECTS credits)</td></tr>
<tr><td>or:
• SE Business Process Modelling along the Value Chain (2 h/4 ECTS credits)</td><td>or:
• SE Business Process Management (2 h/4 ECTS credits)</td></tr>
<tr><td rowspan="2">§ 7 (3) No. 5
or
§ 9 (3) No. 5</td><td>CM* Information Systems Project Management (4 h/10 ECTS credits)</td><td rowspan="2">§ 7 (2) No 5
or § 9 (2) No 5</td><td>CM* IT Project Management (4 h/10 ECTS credits)</td></tr>
<tr><td>or:
• SE Information Systems Project Management (2 h/5 ECTS credits)</td><td>or:
• SE IT Project Management (2 h/5 ECTS credits)</td></tr>
<tr><td colspan="2">Already successfully completed elective courses</td><td colspan="2">remain valid</td></tr>
<tr><td colspan="2">Individual, successfully completed course units of elective courses</td><td>§9(5)</td><td>Elective course Interdisciplinary Skills in the corresponding amount</td></tr>
</table>

(2) Individual cases, where this regulation does not apply, will be decided so that no disadvantage shall arise for the student due to the modification.

*Compulsory course