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Curriculum

for the Bachelor's degree programme

Management Information Systems

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Curriculum for the Bachelor's degree programme

Management Information Systems

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Section 1 General Remarks

- (1) The Bachelor's degree programme *Management Information Systems* comprises 180 European Credit Transfer System credits (ECTS credits). This corresponds to an anticipated study duration of six semesters. The Bachelor's degree programme *Management Information Systems* is assigned to the group of social sciences and economics studies pursuant to Section 54 (1) of the Universities Act 2002 (UG).
- (2) The workload for the individual study effort is indicated in ECTS credits; the workload for one year should amount to 1,500 full hours, for which 60 ECTS credits are awarded (Section 54 (2) UG). The workload comprises independent study as well as the semester hours/contact hours, including participation in assessment procedures.
- (3) The Bachelor's degree programme is taught in German.

Section 2 Qualification Profile and Competences

- (1) The qualification profile describes the academic and professional qualifications that students gain by completing the degree programme.
- (2) **Initial situation:** Increasingly, society and the world of business are characterised by the use of digital information and communication technologies. As a result, companies have a growing need for employees who are specialists in these technologies. Particular emphasis is placed on combining specialised business knowledge with information technology know-how. The Bachelor's degree programme in *Management Information Systems* at the University of Klagenfurt therefore pursues the general goal of imparting the knowledge required to manage IT-supported information systems in companies from both a business and IT perspective. Graduates of the Bachelor's degree programme in *Management Information Systems* will therefore find their main field of deployment in the areas of design, construction, maintenance and further development of corporate information systems.
- (3) **Learning outcomes:** In general, students who complete this Bachelor's degree programme are able to understand and explain basic business principles. They are able to identify both business and IT-specific problems and select suitable solutions. Due to their academic training, they are - specifically - able to work scientifically and to analyse and solve business and IT-specific problems using scientific methods:
 - Graduates are competent in basic business administration topics (such as bookkeeping, accounting, cost accounting, investment and financing, marketing, production and logistics management and entrepreneurship) and can apply these in business practice. In addition to these basic business administration skills, graduates also acquire in-depth skills in a specialised area of business administration and are able to apply these in business practice.
 - Graduates have computer science skills and competences in software engineering (e.g. structured and object-oriented programming, creation and maintenance of databases, testing and quality assurance of software, application of process models in software engineering). They apply these competences to the creation and maintenance of application systems. In addition to these basic information

technology skills, they can also apply in-depth knowledge of certain aspects of computer science and software development in operational practice.

- Graduates have competences in specific topics relating to management information systems; in particular, they can contribute to the introduction and maintenance of corporate information systems. They manage information and can assess the security risks of modern IT systems and find solutions to minimise risks.
 - Graduates are well equipped to take on management tasks.
 - Graduates have the necessary skills in mathematics and statistics and can apply them in a business or technical environment.
 - Graduates are familiar with relevant areas of law, can describe legal issues and solve them in general terms.
 - Due to the interdisciplinary nature of the programme, graduates have the skills to assess information and information systems from technical, economic, social and legal perspectives as well as from the point of view of diversity and gender mainstreaming.
- (4) **Qualification:** Graduates of the Bachelor's degree programme are capable of assuming responsibility for the company's entire internal information system in small and medium-sized enterprises, including the necessary IT solutions. The focus lies on the design, introduction, maintenance and further development of the information system in the company. In the area of developing management information systems, they are able to operate the interface management between the business application and the system technology from the requirements analysis to the functional specification to the system design and, in this sense, to accompany development processes on a project basis. They are also able to develop small-scale business software applications independently. Moreover, they can recognise opportunities that arise for the company through appropriate diversity management and gender mainstreaming.
- (5) **Professional fields:** As is generally the case for business-related degree programmes, graduates of the Bachelor's degree programme *Management Information Systems* have a wide range of employment opportunities. The areas of work in the IT field range from software engineering, IT management and ERP systems to operational processes and process management. In the field of business administration, graduates have career opportunities in areas such as marketing, production, financing, logistics and procurement as well as controlling. The possibility of holding leading positions in IT project management or in specialised operational departments is also supported by the programme. Last but not least, graduates are well-versed in the field of innovation management and the step towards economic independence as an entrepreneur is encouraged by this Bachelor's programme.
- (6) **General structure:** The Bachelor's degree programme in *Management Information Systems* provides academic professional training in the field of the business application of modern information and communication systems. The Bachelor's degree programme in *Management Information Systems* is a social sciences and economics degree programme that combines interdisciplinary business administration content with computer science content. In addition to a broad basic knowledge of business administration, students receive a thorough introduction to computer science and

software development as well as training in the interface areas of information and IT management and business information systems. Students also specialise in a business administration subject area. The Bachelor's degree programme is supplemented by content from the fields of mathematics and statistics, the principles of law and other electives to expand skills, including the acquisition of in-depth skills in the areas of diversity and gender mainstreaming.

- (7) **Practical component:** The integration of practical experience into the Bachelor's degree programme *Management Information Systems* is vital. This is achieved by
- lecturers from business and public administration as well as
 - current issues from business and public administration in projects, internships and Bachelor's theses.

Section 3 Admission Requirements

- (1) The provisions of the UG regarding admission to the Bachelor's degree programme apply.
- (2) Students whose first language is not German are expected to have German language skills at level B2 of the Common European Framework of Reference for Languages (CEFR).

Section 4 Academic Degree

Graduates of this Bachelor's degree programme are awarded the academic title "Bachelor" with the addition "of Science" (abbreviated to "BSc"). If used, this academic title must follow the name.

Section 5 Structure & Organisation of the Programme/Intended Learning Outcomes

Table 1. Structure of the Bachelor's degree programme *Management Information Systems*

<i>Subject/academic achievement</i>	<i>Designation of the subject</i>		<i>Intended Learning Outcomes</i>	<i>ECTS credits</i>
<i>Required subjects</i>	1	<i>Principles of Business Administration</i>	<p><i>Following successful completion of this subject, students will be able to</i></p> <ul style="list-style-type: none"> • <i>define the subject of Business Administration and explain specific content on Business Administration subjects and topics and apply basic knowledge in the areas of entrepreneurship, innovation, investment, financing, marketing, production, logistics, controlling and strategic corporate management.</i> 	40

			<ul style="list-style-type: none"> • describe the structure of external accounting, recognise accounting correlations, prepare annual financial statements, analyse accounting policy options and carry out the reconciliation to the determination of profits for tax purposes. • describe the structure of internal accounting and explain the interrelationships. Furthermore, they can apply the instruments of internal accounting in operational decision-making situations and solve specific tasks in this regard. • develop integrated and cross-thematic perspectives on operational problems. 	
	2	<i>Principles of Informatics and Software Development</i>	<p>Following successful completion of this subject, students will be able to</p> <ul style="list-style-type: none"> • explain the basic concepts and terminology of Informatics, its history and categorisation. • design and implement simple structured and object-based programmes with the help of development tools. • plan, design, implement, test and measure programmes and software systems according to a development process. 	42
	3	<i>Principles of Information Management and Research Methodology</i>	<p>Following successful completion of this subject, students will be able to</p> <ul style="list-style-type: none"> • Recognise information as a production factor and plan the management of information from a technical and economic perspective. • list and illustrate the basic concepts and problems of empirical social research, explain the established approaches and assess them in terms of their appropriateness. • apply principles and tools to successfully lead teams. 	11
	4	<i>Operational Information Systems</i>	<p>Following successful completion of this subject, students will be able to</p> <ul style="list-style-type: none"> • use information systems in special application areas. 	23

			<ul style="list-style-type: none"> describe and utilise ERP systems and adapt them to operational requirements. assess the security risks of modern IT systems and apply tools and principles to minimise these risks. 	
	5	Introduction to Gender Studies	Following successful completion of this subject, students will be able to explain the significance of gender aspects in the context of Management Information Systems.	1
Guided electives	6	Basic Scientific Skills	Depending on their choice, following successful completion of the subject, students will be able to <ul style="list-style-type: none"> write a scientific paper and communicate in technical English or explain the significance of gender, diversity and intersectionality for society. 	4
	7	Mathematics and Statistics	Depending on their choice, following successful completion of the subject, students will be able to <u>Choice: 7.1 Mathematics and Statistics (Business Administration)</u> <ul style="list-style-type: none"> master the basic mathematical knowledge required to describe economic facts and essential elements of mathematical language at various levels of communication. understand applications in the field of statistics, including their limitations, and avoid misinterpretations. They can explain key terms, apply the corresponding methods, master calculation tools and can use them effectively. interpret statistical results, recognise statistical issues in their own subject and exchange ideas with experts. <u>Choice: 7.2 Mathematics and Statistics (Informatics)</u> <ul style="list-style-type: none"> explain the mathematical principles of linear algebra and discrete mathematics and apply them to 	12

			<p><i>problems in Management Information Systems.</i></p> <ul style="list-style-type: none"> <i>explain the mathematical principles of stochastics and apply them to problems in Management Information Systems.</i> 	
	8	<i>Legal Principles</i>	<p><i>Depending on their choice, following successful completion of the subject, students will be able to</i></p> <ul style="list-style-type: none"> <i>explain the basic concepts and methods of public and private law as well as corporate and company law in their own words, recognise and describe the legal dimension of economic action and decision-making, recognise legal problems in the field of public and private commercial law and identify key legal issues.</i> <i>provide an overview of legal issues relating to data processing and apply them in general terms.</i> <i>identify the areas of the legal system relevant to mass media and apply them in general terms.</i> 	8
	9	<i>Specialisation Applied Informatics</i>	<p><i>Depending on the choice of course, students will be able to explain specific aspects of Informatics and software development (e.g. web applications, data-intensive applications, human computer interaction, app applications, knowledge-based applications, computer linguistics, etc.) and develop corresponding applications after successfully completing the course.</i></p>	6
	10	<i>Specialisation Business Administration</i>	<p><i>Depending on their choice, following successful completion of the subject, students will be able to</i></p> <p><u><i>Choice: 10.1 Controlling and Strategic Corporate Management</i></u></p> <p><i>Students will be able to describe the control levels of liquidity, success and success potential in a well-founded manner, explain the basic content of controlling and strategic management, assess the contribution of monetary and non-monetary control variables to the target-oriented coordination of decisions, evaluate instruments and</i></p>	8

		<p><i>their contribution to the target-oriented coordination of decisions and work on and solve practical tasks in the area of decision-oriented cost accounting, budgeting and other key indicator systems.</i></p> <p><u><i>Choice: 10.2 Marketing</i></u> <i>Students have basic knowledge of market-orientated corporate management. They are able to explain and analyse the individual steps of strategic marketing planning and its operational implementation. Furthermore, students are able to assess the influencing factors of consumer behaviour and incorporate them into marketing decisions. Students also have a basic understanding of market research and can put this knowledge into practice.</i></p> <p><u><i>Choice: 10.3 Innovation Management and Entrepreneurship</i></u> <i>Students will be able to describe basic concepts, processes and theories of innovation management, describe the relationship between innovation success and corporate innovation management and apply selected instruments for the development of solutions to problems. Students are also able to describe theories of entrepreneurship, explain the main elements of business start-ups and identify different business ideas with regard to their start-up and growth potential.</i></p> <p><u><i>Choice: 10.4 Production Management and Logistics</i></u> <i>Students will be able to explain terms and contexts of the subject, explain processes and special features of the subject area, apply methods and instruments in the subject, analyse, evaluate and critically assess subject-specific problems and develop solutions for practical tasks.</i></p>	
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			<p><u>Choice: 10.5 Corporate Finance</u></p> <p>Students know the basic legal forms for companies and their legal form-specific options for raising capital. Students can interpret annual financial statements, key figures and, in particular, the capital structure. Knowledge of (international) financial markets, financial market conventions, fundamental relationships between risk and return form the basis for independently analysing case studies. By dealing with common financial tools (such as statistical distributions and regression analyses as well as optimisation methods), students are given the opportunity to independently analyse problems and develop solutions.</p>	
	11	Skills Expansion	<p>Depending on their choice, following successful completion of the subject, students will be able to</p> <p><u>Choice: 11.1 English business and technical communication</u></p> <ul style="list-style-type: none"> • read technical literature in English, write technical papers in English and conduct subject-specific discussions and presentations. • conduct negotiations and business correspondence in English. <p><u>Choice: 11.2 Sociology and technology assessment</u></p> <ul style="list-style-type: none"> • describe the basic principles of sociological thinking and the significance of economics and technology for society. • combine different disciplinary perspectives on science and technology research. <p><u>Choice: 11.3 Economics</u></p> <ul style="list-style-type: none"> • understand and describe basic economic relationships. They can explain the mechanisms, framework conditions and tools for the functioning of one or more markets or an entire economy. 	8

			<p><u>Choice: 11.4 Gender and technology</u></p> <ul style="list-style-type: none"> explain the significance of feminist sciences/gender studies in the context of business, technology and society. <p><u>Choice: 11.5 Specialisation in legal principles</u></p> <ul style="list-style-type: none"> explain specific content on other legal topics and apply basic knowledge in these areas. <p><u>Choice: 11.6 Specialisation in Business Administration</u></p> <ul style="list-style-type: none"> explain specific content on other business management topics and apply basic knowledge in these areas. <p><u>Choice: 11.7 Specialisation in Applied Informatics</u></p> <ul style="list-style-type: none"> explain specific content on other Informatics and software development topics and apply basic knowledge in these areas. 	
Open electives	12		Following successful completion of this subject, students will be able to acquire further individual competences and apply them.	9
Bachelor's thesis and Bachelor seminar	13		<ul style="list-style-type: none"> Students will be able to produce a written academic thesis either in the field of Business Information Systems or in the field of Business Administration specialisation. Students consolidate their knowledge of scientific work and are able to work independently on a research question from the field of business informatics or from the field of specialisation in business administration. 	6+2
			Total:	180

Section 6 Introductory and Orientation Period

- (1) In accordance with Section 66 UG, the introductory and orientation period (StEOP) provides students with an overview of the essential contents of the degree programme and its further progression and provides an objective basis for a personal assessment of their choice of degree programme.
- (2) The introductory and orientation period takes place in the first semester of the degree programme and comprises the following courses totalling 10 ECTS credits: VO Introduction to General Business Administration (4 ECTS credits), VO Introduction to Informatics (2 ECTS credits), UE Introduction to Informatics (4 ECTS credits).
- (3) Before completing the introductory and orientation period in full, students may complete further courses totalling 22 ECTS credits in accordance with Part B, Section 14 (7) of the University Statute. According to Section 66 (3) UG, recognised examinations pursuant to Section 78 UG, other academic achievements, activities and qualifications shall not be included in this calculation.

Section 7 Study-Related Period Abroad/Mobility

- (1) Bachelor's degree programme students can complete a study-related period abroad as part of their degree programme. Transnational EU, state or university mobility programmes can be used for this purpose. Examinations and other coursework completed as part of a study-related period abroad are recognised in accordance with the provisions of Section 78 UG for examinations and other coursework prescribed in the curriculum. Students are advised to choose the 3rd semester as their mobility window. It should be noted that the study-related period abroad should only be undertaken once all required subjects up to the third semester have been completed (see non-binding recommended course of study).
- (2) At the request of regular students who wish to carry out parts of their studies abroad, a preliminary decision shall be issued in advance to determine which of the proposed examinations and other academic achievements can be recognised (Section 78 (5) UG). In any case, interested students are advised to contact the respective competent Programme Director in advance to discuss possible and intended recognition.

Section 8 Types of Courses

- (1) Lectures (Vorlesungen/VO) are courses by which knowledge is transferred by means of talks given by lecturers. The examination takes place as a one-off (written and/or oral) examination.
- (2) Courses with ongoing assessment are courses in which the assessment does not take place in a one-off examination, but on the basis of written and/or oral contributions by the participants. If, in the framework of a course with ongoing assessment, a seminar paper or a paper requiring a comparable degree of effort is to be written, papers for courses taking place in the winter semester can be handed in up until the following 30 June; papers for courses taking place in the summer semester can be handed in up until 31 January of the following year.

- (3) The following courses are subject to ongoing assessment:
- a) Lecture with workshop (Vorlesung mit Kurs/VC): This course consists of a lecture component and a workshop component. These have common taught content and are assessed together.
 - b) Exercise class (Übung/UE): Exercise classes involve carrying out specific tasks and projects in order to consolidate what has been learnt in a lecture.
 - c) Workshop (Kurs/KS): Workshops are application-orientated and equip students with the ability to solve specific tasks.
 - d) Interactive Lecture (Vorlesung Interaktiv/VI): These courses are subject to ongoing assessment. They initially have the character of lectures, but content is also developed by the students themselves on the basis of interactive forms of learning (in particular via blended learning approaches) and lecturers and students interact via an e-learning platform. The proportion of e-learning as part of the course workload is at least 30 per cent.
 - e) Introductory Seminar (Proseminar/PS): Introductory seminars are the precursor to seminars and serve to train and develop academic discourse; central topics relating to the subject are dealt with in the form of presentations and discussions. As a rule, students are required to write a paper as part of an introductory seminar.
 - f) Seminar (Seminar/SE): Seminars are research-, theory- or project-orientated courses that are aimed at advanced students and serve to reflect on and discuss specific research problems and/or current problems or topics with practical relevance. Students are required to complete an independent written paper as part of the seminar.

Section 9 Required Subjects

- (1) Required subjects are subjects significant to the degree programme and for which examinations must be taken. Students must complete a total of 117 ECTS credits in the required subjects.
- (2) The courses for the required subjects can be found in the table below:

Table 2: Required subjects and assigned courses

	<i>Course title</i>		<i>Course type</i>	<i>ECTS credits</i>
1 Principles of Business Administration	1.1	Introduction to General Business Administration (course is part of StEOP, see Section 6)	VO	4
	1.2	External Accounting I	VO/VI	2
	1.3	Internal Accounting I	VI	2
	1.4	External Accounting II	KS	4
	1.5	Financial Accounting	VO/VI	4
	1.6	Internal Accounting II	KS	4
	1.7	Investment and Financing	VO/VI + VC	2 + 2

	1.8	Introduction to Production, Logistics and Procurement	VO/VI	4
	1.9	Principles of Marketing	VO/VI	4
	1.10	Entrepreneurship and Innovation	VO/VI	4
	1.11	Controlling and Strategic Corporate Management	VO/VI	4
			Total:	40
2 Principles of Informatics and Software Development	2.1	Introduction to Informatics (courses are part of StEOP, see Section 6)	VO + UE	2 + 4
	2.2	Introduction to Structured and Object-based Programming	VO + UE	2 + 4
	2.3	Object-oriented Modelling and Implementation	VO + UE	2 + 4
	2.4	Databases	VO + UE	2 + 4
	2.5	Algorithms and Data Structures	VO + UE	2 + 4
	2.6	Software Engineering I	VO + UE	2 + 4
	2.7	Software Engineering II	VO + UE	2 + 4
			Total:	42
3 Principles of Information Management and Research Methodology	3.1	Introduction to Information Management	VC	4
	3.2	Methods of Empirical Social Research	VO/VI/VC	4
	3.3	Team and Leadership Skills	VC	3
			Total:	11
4 Corporate Information Systems	4.1	Management Information Systems	VO + UE	2 + 4
	4.2	ERP Systems	VC	6
	4.3	System Security	VO + KS	2 + 3
	4.4	Specialised Corporate Information Systems	VC	6
			Total:	23
5 Introduction to Gender Studies	5.1	Principles of Gender Studies	VO	1
			Total:	1

Section 10 Guided Electives

- (1) Guided electives are those subjects that students choose according to the provisions of the curriculum. A total of 46 ECTS credits must be completed in guided electives.
- (2) The courses assigned to the guided electives are listed in the table below:

Table 3: Guided electives and assigned courses

	Course title		Course type	ECTS credits
6 Basic Scientific Skills	6.1	As selected: Scientific Writing and Technical English		
		6.1.1 Scientific Writing 6.1.2 Technical English	PS/SE VC/KS	2 2
	6.2	or Gender Studies	VC/KS/PS/SE	4
			Total:	4
7 Mathematics and Statistics	7.1	As selected: Mathematics and Statistics (Business Administration)		
		7.1.1 Mathematics 7.1.2 Statistics	VO/VI + KS VO/VI + KS	4 + 2 4 + 2
	7.2	or Mathematic and Statistics (Informatics) Students must complete at least 12 ECTS credits from the following courses in the Bachelor's degree programme in <i>Applied Informatics</i> : <ul style="list-style-type: none"> • Discrete Mathematics • Linear Algebra for Engineers • Stochastics for Engineers 		12
			Total:	12
8 Legal Principles	8.1	Students must complete 2 courses from the list of the following courses: Basic Principles of Data Processing Law	VC	4
	8.2	Media Law	VO	4
	8.3	Basic Principles of Public and Private Law	VO	4
	8.4	Public Commercial Law	VO/VI	4
	8.5	Introduction to Company and Corporate Law	VO/VI	4
				Total:

9 Specialisation Applied Informatics		Students must choose one course or a combination of courses to earn a total of 6 ECTS credits. Courses can be selected from the following areas of specialisation: <ul style="list-style-type: none"> • App Development • Artificial Intelligence • Computational Linguistics • Database Technology • Interactive Systems • Logic and Logical Programming • Networked Systems • Web Technologies 	VO/VC/KS/UE	6
			Total:	6
10 Specialisation Business Administration		As selected: 10.1 Controlling and Strategic Corporate Management 10.1.1 Controlling and Strategic Corporate Management I 10.1.2 Controlling and Strategic Corporate Management II or 10.2 Marketing 10.2.1 Marketing I 10.2.2 Marketing II or 10.3 Innovation Management and Entrepreneurship 10.3.1 Innovation Management and Entrepreneurship I 10.3.2 Innovation Management and Entrepreneurship II or 10.4 Production Management and Logistics 10.4.1 Production Management and Logistics I 10.4.2 Production Management and Logistics II or 10.5 Corporate Finance 10.5.1 Corporate Finance I	 VC KS VO/VC/VI VO/VC/VI/KS VC/VI/KS VC/VI/KS VC VC VO/VC	 4 4 4 4 4 4 4 4 4

		10.5.2 Corporate Finance II	VC	4
			Total:	8
11 Skills expansion	11.1	As selected: English Business and Technical Communication or	VO/VC/KS/UE	8
	11.2	Sociology and Technology Assessment or	VO/VC/SE	8
	11.3	Economics or	VO/VC/VI/KS	8
	11.4	Gender and Technology or	VO/VC/VI/KS	8
	11.5	Consolidation: Legal Principles or	VO/VC/VI	8
	11.6	Consolidation: Business Administration or	VO/VC/VI/KS	8
	11.7	Consolidation: Applied Informatics	VO/VC/UE	8
			Total:	8

Section 11 Open Electives

- (1) Open electives are those subjects that students can freely choose from the range of courses offered by recognised domestic and foreign universities. Courses completed as a prerequisite to study or to gain general or special eligibility for university admission cannot be used for the open electives.
- (2) Students are required to complete 9 ECTS credits in open electives.
- (3) In the case of courses that have been completed at other recognised Austrian or international post-secondary educational institutions, the responsible university body will decide whether recognition as an open elective for the chosen programme of study makes sense academically or with regard to professional activities.

Section 12 Courses with a Limited Number of Participants

- (1) The maximum number of participants permitted on each of the following courses is as follows:
 - a) For courses originally assigned to the curriculum of the Bachelor's degree programme *Management Information Systems*, the maximum number of participants is 40.
 - b) For all other courses, the provisions of the curriculum for the Bachelor's degree programme in "Business Administration" or the curriculum for the Bachelor's degree programme in "Applied Informatics" apply, depending on which curriculum the course in question is primarily assigned to.
- (2) If the number of registrations for these courses exceeds the number of places available, admission will take place according to the following procedure:
 - a) Students whose curriculum specifies the course in question as a required subject or as a guided elective shall be given preferential admission.
 - b) If the number of registrations for courses exceeds the number of places available following the application of lit. a, students who have already successfully completed courses in the respective subject will be given preference. In addition, the total number of ECTS credits earned in the respective Bachelor's degree programme determines the allocation of places; a higher total means a preferential ranking.
 - c) If no clear decision on participation eligibility can be made even after the application of lit. b, the decision between the students concerned is made by drawing lots.

Section 13 Courses with Special Registration Conditions

- (1) In order to register for the courses listed in column 1 of Table 4, students must first pass the courses/examinations listed in column 2.

Table 4: Registration Conditions

Course	Registration Condition
Internal Accounting II	Internal Accounting I
External Accounting II	External Accounting I
Financial Accounting	External Accounting I

- (2) The table below contains recommendations for organising the course of study.

Table 5: Registration recommendations

Course	Registration Recommendations
Courses from "Principles of Informatics and Software Development"	Students are advised to follow the order of the recommended semesters in the non-binding recommended course of study.
Courses from "Principles of Business Administration"	Students are advised to follow the order of the recommended semesters in the non-binding recommended course of study.

Bachelor's Seminar	"Methods of Empirical Social Research". If students attend the Bachelor's seminar as part of the Bachelor's seminars in Business and Economics, they must complete all courses from the elective subject to which the Bachelor's thesis is assigned.
"Specialisation Business Administration"	Students are advised to complete the courses from the required subject "Principles of Business Administration" before attending the courses in the "Specialisation Business Administration".

Section 14 Bachelor's Thesis

- (1) Bachelor theses are independently written papers that are to be produced within the framework of courses.
- (2) Students must select the course in which they wish to write their Bachelor's thesis from the options below.
 - a) Seminar in Management Information Systems (including Bachelor's thesis)
 - b) as part of a Bachelor's seminar from the Bachelor's degree programme in Business Administration, which corresponds to the chosen and guided elective subject for the Specialisation in Business Administration (see Section 10, Table 3, 10.1. - 10.5).

The Bachelor's thesis is awarded 6 ECTS credits in addition to the course in which it is written.
- (3) The Bachelor's thesis must meet methodological and scientific criteria.
- (4) The topic of the Bachelor's thesis shall be stated in the degree certificate.

Section 15 Use of Languages Other than German

- (1) As a rule, courses and examinations are conducted in German. If required, individual courses may be held in English.
- (2) Upon student request and subject to the approval of the course instructor, examinations may be taken in English and the Bachelor's thesis may be written in English.

Section 16 Examination Regulations

- (1) The Bachelor's degree programme *Management Information Systems* is concluded by the successfully completing the following parts:
 - a) the courses of the required subjects, the guided electives and the open electives (Sections 9 - 11),
 - b) the Bachelor's thesis (Section 14).
- (2) Course examinations for lectures (VO) are taken at the end of the course in a single examination act.

- (2) All other types of course have ongoing assessment; attendance is compulsory. Workshops (KS) and Exercise Classes (UE) are assessed through accompanying observation and also through written and oral examinations as well as on the basis of practical activities. In a lecture with workshop (VC), the mode of examination is to be determined based on the character of the course and the learning outcomes. Attendance is not compulsory for Interactive Lectures (VI), but interaction between lecturers and students via e-learning platforms is compulsory. In Introductory Seminars (PS) and Seminars (SE), written and oral contributions by students (in particular seminar papers, seminar presentations and participation in discussions) are used as a benchmark for assessment.
- (3) In accordance with the Statute of the University of Klagenfurt, course instructors must inform students about the respective examination and assessment modalities of the course before the start of each semester.
- (5) The provisions of the Part B of the Statute of the University of Klagenfurt and the Universities Act as amended from time to time apply to the implementation and repetition of examinations.

Section 17 Effective Validity

- (1) This curriculum will enter into force after announcement in the University of Klagenfurt university bulletin as of 1 October 2020 and will apply to all students who commence their Bachelor's degree programme from the 2020/21 winter semester onwards.
- (2) The non-structural changes to the curriculum, published in the University Bulletin of the University of Klagenfurt on 19 April 2023, Issue 14, No. 91.2, will enter into force on 1 October 2023. All students enrolled in the Bachelor's degree programme are subject to the amended curriculum from the point at which it comes into force.

Section 18 Transitional provisions

Students who started the Bachelor's degree programme *Management Information Systems* from the winter semester 2017/18 onwards and before the winter semester 2020/21 are entitled to complete their studies in accordance with the provisions previously applicable to them within a period corresponding to the specified duration of studies plus two semesters, i.e. by 31 October 2024 at the latest. If the degree programme is not completed before the deadline, students shall be subject to the amended curriculum for their further studies. Students are otherwise entitled to voluntarily switch to the amended curriculum at any time.

APPENDIX Non-binding Recommended Course of Study

Subject	1st sem.	2nd sem.	3rd sem.	4th sem.	5th sem.	6th sem.	ECTS credits
<i>1.1 Introduction to General Business Administration (StEOP)</i>	4						4
<i>1.2 External Accounting I</i>	2						2
<i>1.3 Internal Accounting I</i>	2						2
<i>1.4 External Accounting II</i>		4					4
<i>1.5 Financial Accounting</i>		4					4
<i>1.6 Internal Accounting II</i>		4					4
<i>1.7 Investment and Financing</i>					4		4
<i>1.8 Introduction to Production, Logistics and Procurement</i>			4				4
<i>1.9 Principles of Marketing</i>				4			4
<i>1.10 Entrepreneurship and Innovation</i>				4			4
<i>1.11 Controlling and Strategic Management</i>				4			4
<i>2.1 Introduction to Informatics (StEOP)</i>	6						6
<i>2.2 Introduction to Structured and Object-based Programming</i>	6						6
<i>2.3 Object-oriented Modelling and Implementation</i>		6					6
<i>2.4 Databases</i>		6					6
<i>2.5 Algorithms and Data Structures</i>				6			6
<i>2.6 Software Engineering I</i>			6				6
<i>2.7 Software Engineering II</i>				6			6
<i>3. Principles of Information Management and Research Methodology</i>			4	7			11
<i>4. Corporate Information Systems</i>			6		14	3	23
<i>5. Introduction to Gender Studies</i>	1						1
<i>6.1.1 Basic Scientific Skills</i>			2				2
<i>6.1.2 Technical English</i>			2				2
<i>7. Mathematics and Statistics</i>	6	6					12
<i>8. Legal Principles</i>					4	4	8

9. <i>Specialisation Applied Informatics</i>						6	6
10. <i>Specialisation in Business Administration</i>					4	4	8
11. <i>Skills Expansion</i>					4	4	8
12. <i>Open Electives</i>	3		6				9
13. <i>Bachelor's Thesis and und Bachelor's Seminar</i>						8	8
ECTS credits	30	30	30	31	30	29	Total: 180