

**Study and Examination Regulations for the International  
Information Systems Bachelor Program  
at Augsburg University of Applied Sciences, April 27, 2021**

The following text is a commentary in English language on the Study and Examination Regulations of Augsburg University of Applied Sciences, helping you to understand the contents of the German document. The legally binding text remains the German version (Studien- und Prüfungsordnung, APO). Please refer to the German text if possible or seek advice in case of uncertainties.

Art. 13 Para. 1 Clause 2, Art. 43 Para. 5 Clause 2, Art. 58 Para. 1 Clause 1, Art. 61 Para. 2 Clause 1 of the Bavarian Higher Education Act (BayHSchG) of May 23, 2006, BayRS 2210-1-1-WFK form the framework for the following study and examination regulations decreed by Augsburg University of Applied Sciences:

**§ 1**

**Purpose and Scope of Study and Examination Regulations**

<sup>1</sup>These study and examination regulations fulfil the requirements of the Bavarian Higher Education Act (BayHSchG) of May 23 2006, the Decree to Regulate the Study Accreditation System according to the Interstate Study Accreditation Treaty of April 13, 2018, the State Examination Regulations for universities of applied sciences of October 17, 2001 (BayRS 2210-4-1- 4-1-WFK, hereinafter referred to as "RaPO") and the General Examination Regulations of Augsburg University of Applied Sciences of February 12, 2019 (hereinafter referred to as APO), each in the version applicable. <sup>2</sup>These study and examination regulations also form the legal basis for possible cooperation with partner universities of applied sciences both in Germany and abroad within the context of the International Information Systems Bachelor program.

**§ 2**

**Study Objectives**

<sup>1</sup>The goal of the international Bachelor program International Information Systems is to equip students with the skills required to independently apply scientific data and methods of information systems, at an international level in particular. <sup>2</sup>The degree program shall convey the required specialist knowledge, skills and methods in a manner that enables students to independently apply scientific data and procedures, and to act responsibly in their future professional field.

<sup>3</sup>In addition to interdisciplinary basic training in the fields of information systems, informatics and business administration, this degree program develops students' skills in the field of international IT management, including foreign language skills, and also imparts in-depth knowledge of information systems for the implementation, application and management of information systems at international companies.

<sup>4</sup>In addition to the acquisition of specialist knowledge and foreign languages, important professional skills such as systematic approaches to work and procedures, analytical and conceptual skills, logical thinking, and methodological and social skills are developed. <sup>5</sup>These skills should enable the students to become quickly acquainted with the wide variety of fields of application of information systems in an international environment.

<sup>6</sup>The International Information Systems Bachelor program is designed to meet the demands of the increasing international interconnections between economies. <sup>7</sup>In addition to specialized English classes, students must take classes in one other foreign language. <sup>8</sup>A large number of basic and specialized courses can be taken in English.

<sup>9</sup>The specialized required elective modules in later semesters give students the opportunity to choose courses according to their interests and future career expectations. <sup>10</sup>Students are offered a wide variety of courses from the Faculty of Informatics and neighboring disciplines. <sup>11</sup>The Faculty decides which required elective courses to offer based on the current needs of the students.

### § 3

#### Admission Requirements and Qualifications for Degree Programs

(1) <sup>1</sup>A specific qualification is required for admission to the International Information Systems Bachelor program. <sup>2</sup>The degree program has a specific degree program profile that is described in Annex 2 of these study and examination regulations. <sup>3</sup>For this reason, prospective students must pass an assessment test based on the outlined regulations.

(2) <sup>1</sup>An entrance assessment is carried out. <sup>2</sup>Supplementary to the higher education entrance qualification awarded, the purpose of this assessment is to determine if the student is suited to the specific qualitative demands of the International Information Systems Bachelor program.

<sup>3</sup>In addition to the university entrance qualification, the following skills must be demonstrated as an entrance requirement to this degree program:

- language skills
- logical and argumentative skills
- methodological skills that can be used to solve interdisciplinary problems in various fields relating to internationality, economics and informatics.

(3) The specific requirements and structure of the test can be found in § 4 and Annex 3 of these study and examination regulations, or in the applicable version of the charter on executing and structuring assessment tests for undergraduate degrees, and the procedure for determining suitability for specific Master programs at Augsburg University of Applied Sciences, dated December 19, 2017.

### § 4

#### Assessment Test to Determine Suitability for Specific Degree Programs

(1) Assessment tests to determine suitability are held once every six months in the summer semester for the subsequent winter semester and in the winter semester for the subsequent summer semester but only in the case of applications for later specialized semesters.

(2) <sup>1</sup>An admissions committee, instated by the examination board, is formed to carry out the assessment tests to determine suitability for specific degree programs. <sup>2</sup>The size of this committee depends on the number of applicants and more than half of the committee must consist of University teaching staff. <sup>3</sup>Research assistants may also join this committee. <sup>4</sup>The dean of the University holds the position of chairperson of this committee or a University lecturer who teaches in this degree program is chosen by the dean. <sup>5</sup>The committee members hold the position for a period of two years. <sup>6</sup>This period may be extended.

(3) Assessment test applications must be submitted to Augsburg University of Applied Sciences with the application documents using the online application procedure for Augsburg University of Applied Sciences by June 15 for the following winter semester, and by January 15 for the following summer semester (submission deadline).

(4) <sup>1</sup>Applicants who submit a complete curriculum vitae in tabular form before the application deadline (by providing relevant original certificates or official copies) and an application essay may sit the assessment test to determine suitability for specific degree programs. <sup>2</sup>Applicants must include the following information in the application essay:

- Knowledge of the challenges of the internationality-informatics-economics triangle
- Knowledge of the degree program logic related to these challenges for developing international information systems
- Reasons for choosing this degree program that portray the capabilities, skills and interests that you believe make you particularly suited to the relevant degree program. Your personal background, for example, extracurricular activities, may also be of significance here.

<sup>3</sup>Applicants must ensure that the reasons for choosing this degree program were compiled independently without help from others and that ideas that are taken from external sources are referenced appropriately. <sup>4</sup>The admissions committee shall evaluate the application essay. <sup>5</sup>A negative assessment of the application essay results in the applicant not being admitted to the assessment test to determine suitability for specific degree programs.

(5) <sup>1</sup>The assessment criteria (in particular, requirements for the application essay, examination components, examination criteria, weighting and evaluation) can be found in Annex 3 of these study and examination regulations. <sup>2</sup>The applicant is deemed as suitable if at least 70 of the maximum number of points are achieved in the entrance assessment. <sup>3</sup>The admissions committee assumes that this points system results in the average applicant being granted admission. <sup>4</sup>Applicants may also voluntarily submit relevant certificates from languages tests or proof of previous professional experience, internships or completed degree programs. This may positively impact the assessment result.

(6) <sup>1</sup>Applicants who have not successfully passed the assessment test to determine suitability for specific degree programs must wait until the relevant date in the subsequent year, at the earliest, to participate in another entrance assessment. <sup>2</sup>After this attempt, no further attempt is permitted.

(7) A passed assessment test to determine suitability for specific degree programs is valid for one year.

(8) Upon completion of the entrance assessment, a transcript with the name of the relevant commission member, the name of the applicant and the overall result is provided.

## § 5

### Normal Duration of Studies, Structure of Degree program

(1) <sup>1</sup>The degree program is offered as a full-time degree program. <sup>2</sup>It comprises 210 credit points (CP) according to the European Credit Transfer System (ECTS). <sup>3</sup>One CP corresponds to a workload of 25 to a maximum of 30 hours, made up of both contact hours and private study. <sup>4</sup>The normal duration of studies is seven semesters.

(2) <sup>1</sup>The degree program consists of an orientation stage of two semesters and an advanced stage of five semesters. <sup>2</sup>The advanced stage consists of four theoretical semesters and one practical semester. <sup>3</sup>During the advanced stage, students can choose their specialist area according to their individual interests from a catalogue of required elective modules.

## § 6 Modules

(1) <sup>1</sup>The degree program is divided into modules. <sup>2</sup>All modules are either compulsory modules, required elective modules or elective modules:

1. Compulsory modules are modules of a degree program that all students are obliged to complete.
2. <sup>1</sup>Required elective modules are offered as alternative modules. <sup>2</sup>Each student must choose a specific number of these modules according to the study and examination regulations. <sup>3</sup>The study plan outlines which required elective modules have been approved for the students.
3. <sup>1</sup>Elective modules are modules that are not required to complete the degree program. <sup>2</sup>These modules can be chosen from the catalogue of modules for Bachelor students at Augsburg University of Applied Sciences in addition to the compulsory modules, provided there are places available.

(2) <sup>1</sup>The compulsory modules, number of hours, type of course, relevant examinations and course assessments are specified in Annex 1 of these study and examination regulations. <sup>2</sup>The scope of the required elective modules is also specified.

## § 7 Study Plan

(1) The Faculty creates a study plan in accordance with § 8 APO to outline the courses on offer and provide information to students.

(2) <sup>1</sup>There is no guarantee that all planned scientific or specialist required elective modules and elective modules will be offered. <sup>2</sup>Nor is there a guarantee that the corresponding courses will take place if the minimum number of participants has not been reached.

## § 8 Practical Semester

(1) <sup>1</sup>The study plan and module handbook outline the form and structure of practical semester courses. <sup>2</sup>This also applies to knowledge to be acquired during the practical semester.

(2) <sup>1</sup>The integrated practical semester is generally carried out in the fifth semester and comprises 20 weeks. <sup>2</sup>If the practical semester courses are completed in a period other than these 20 weeks, the integrated practical semester is reduced to 18 weeks.

(3) <sup>1</sup>An internship report must be submitted upon completion of the internship. <sup>2</sup>The internship report shall include information about the company, an overview of tasks, a description of the field of work and the social environment. The examination board decides on the approval of the report. <sup>3</sup>The scope of the internship report can be found in the definition of types of examinations in this statute.

(4) <sup>1</sup>In both the combined degree program and the dual study program, Augsburg University of Applied Science recognizes the company-based training carried out during the practical semester as valid professional training, taking the relevant legal framework into account. <sup>2</sup>Proof of the specialist knowledge acquired during this training period is given to the student in written form and is evaluated by official examiners of the relevant degree program at the University.

§ 9  
Orientation Examination,  
Entrance Qualification for Advanced Stage and Practical Semester

- (1) According to § 8 Para. 2 Clause 1 RaPO, the basic and orientation examinations are taken in subjects Foreign Language 1 (FRS1) and Programming 1 (PRG1).
- (2) Only students who have achieved a total of 25 credit points in the orientation stage are admitted to the advanced stage.
- (3) In the practical semester, students may only be admitted to the practical training and the practical seminar if 80 credit points have been achieved.

§ 10  
Examination Board

<sup>1</sup>The examination board consists of five full-time professors of the Faculty. <sup>2</sup>The chairperson and other board members are elected by the Faculty Council. <sup>3</sup>The examination board has a quorum if the majority of members are present.

§ 11  
Evaluation of Individual Examinations, Calculation of Final Grades

- (1) The differentiated evaluation of examination achievements and course assessments is based on § 16 Paragraph 1 APO.
- (2) <sup>1</sup>A module grade is calculated for the module passed. <sup>2</sup>This grade consists of an arithmetic average of the submodules (subject grades) assigned to the module, rounded off to one decimal point. <sup>3</sup>The weighting of the subgrades corresponds to the credit points listed in Annex 1, column 4. <sup>4</sup>A module is deemed as passed if the examinations assigned to the module have been passed and all course assessments assigned to the module (e.g. internships, exercises) have been successfully completed.

§ 12  
Bachelor's Thesis

- (1) The Bachelor's thesis is generally written during the 7th semester.
- (2) The Bachelor's thesis should be completed within four months if these are consecutive months.
- (3) <sup>1</sup> The topics for the Bachelor's thesis are announced by full-time professors of the Faculty. <sup>2</sup>The examination board decides on the first and second examiner.

The following prerequisites must be met before writing the Bachelor's thesis:

- (a) the integrated practical semester has been successfully completed
- (b) a minimum of a total of 150 credit points have been achieved

- (4) <sup>1</sup>The Bachelor's thesis must be submitted in a simple digital form and a second copy may be optionally submitted as a printed version. <sup>2</sup>The examination board decides on any further details.
- (5) Upon agreement with the relevant examiners, the Bachelor's thesis may be written in a language other than German or English. The examination board makes this decision.

- (6) Upon agreement with the relevant examiners, the Bachelor's thesis may be completed outside of the University.

### § 13

#### Certificate and Overall Examination Grade

- (1) <sup>1</sup>The Bachelor examination is passed if all examinations and grade-relevant course assessments listed in Annex 1 have been passed. <sup>2</sup>A module is passed if all examinations and admission requirements listed in the module handbook and this SPO have been successfully completed.
- (2) When the Bachelor exam is passed, a final certificate is issued that corresponds to the relevant template in the Annex to the General Examination Regulations (APO) of Augsburg University of Applied Sciences.
- (3) The final certificate lists all modules of Annex 1.
- (4) The final certificate includes an overall examination grade. It is calculated as the weighted average of the final module grades. Unless otherwise indicated in Annex 1, column 8, the weighting is a combination of:
- Orientation stage: 0.5 x CPs of the module
  - Advanced stage: 1.0 x CPs of the module
- (5) The individual grades that form the final module grade are weighted according to the CPs listed in column 4 unless specified otherwise in column 8.

### § 14

#### Academic Degree

- (1) The academic degree "Bachelor of Science", abbreviated to "B.Sc.", is awarded upon successful completion of the Bachelor examination.
- (2) A certificate for this academic degree that corresponds to the template in the Annex to the General Examination Regulations (APO) of Augsburg University of Applied Sciences is awarded.

### § 15

#### Coming into Effect and Transitional Provisions

This statute applies for the first time for students who will start their studies in the winter semester 2021/22.

Issued based on the resolution of the senate of Augsburg University of Applied Sciences of April 27, 2021 and the consent of the President of Augsburg University of Applied Sciences of May 4, 2021.

The statute was put into writing at Augsburg University of Applied Sciences on May 4, 2021, and was made public via an announcement at Augsburg University of Applied Sciences on May 4, 2021. The date of the announcement is, therefore, May 4, 2021.

### Abbreviations:

BA	=	bachelor's thesis	SWS	=	credit hours
CP	=	credit point	TN	=	proof of attendance
KL	=	written examination	Ü	=	exercise course
LN	=	course assessment during studies	LV	=	lecture
mE	=	passed	ZV	=	admission requirement
oE	=	failed	Pr	=	practical course
PA	=	project work	StA	=	course assignment
PrakT	=	integrated practical semester	mP	=	oral examination
PfP	=	portfolio examination	Prä	=	presentation
S	=	seminar	schrP	=	written examination
SU	=	courses in seminar form			

## Annex 1: Overview of Modules and Course Assessments

### a) Orientation Stage: Semesters 1 and 2

1	2	3	4	5	6	7	8
ID	Modules	SWS	Credit Points	Type of Course	Length in Minutes / Scope Pages 1)	Type of Examination	Additional Regulations
FL1	1st Foreign Language	4	5	SU/Ü/Pr	60-150	PfP	3)
MAT1	Mathematics 1	4	5	SU/Ü/Pr	60-150	schrP	
PRG1	Programming 1	6	8	SU/Ü/Pr	60-150	schrP	2)
IBA	Introduction to Business Administration, Financial Accounting	6	8	SU/Ü/Pr	60-150	schrP	
FL21	2nd Foreign Language 1 of 4	4	5	SU/Ü/Pr	60-150	PfP	4)
DBS	Database Systems	6	8	SU/Ü/PR	60-150	schrP (6)	(7)
FL22	2nd Foreign Language 2 of 4	4	5	SU/Ü/Pr	60-150	PfP	4)
ISY	Introduction to Information Systems	4	5	SU/Ü/Pr	60-150	schrP	(5)
PRG2	Programming 2 & Software Engineering	6	8	SU/Ü/Pr	60-150	schrP	2)
MAT2	Mathematics 2	4	5	SU/Ü/Pr	60-150	schrP	
		48	62				



**b) Advanced Stage: Semesters 3 to 7**

1	2	3	4	5	6 7 Examinations		8
ID	Modules	SWS	Credit Points	Type of Course	Length in Minutes / Scope Pages 1)	Type of Examination	Additional Regulations
STAT	Statistics	4	5	SU/Ü/Pr	60-150	schrP	
PRG3	Programming of Information Systems	6	8	SU/Ü/Pr	60-150	schrP	(8)
CUST	Customizing of Information Systems	4	5	SU/Ü/Pr	60-150	PfP	(9)
EBUS	E-Business	4	5	SU/Ü/Pr	60-150	schrP	
FL23	2nd Foreign Language 3 of 4	4	5	SU/Ü/Pr	60-150	PfP	4)
FL24	2nd Foreign Language 4 of 4	4	5	SU/Ü/Pr	60-150	PfP	4)
DAT	Data Analytics	4	5	SU/Ü/Pr	60-150	schrP	
BMO	Business Modelling	4	5	SU/Ü/Pr	60-150	schrP	
IPSM	International IT Project and Service Management	4	5	SU/Ü/Pr	60-150	schrP	
PROLO	Production and Logistics	4	5	SU/Ü/Pr	60-150	schrP	
IML	Intercultural Management & Law	4	5	SU/Ü/Pr	60-150	schrP	
COF	Cost Accounting, Controlling & Financial Management	6	8	SU/Ü/Pr	60-150	schrP	
PRAC	Integrated Semester in Industry (20 weeks)	0	20	PrakT	20-50	StA	mE/oE
PSEM	Practical Seminar	2	2	S	15-30	Prä	(10) mE/oE
AAI	Applied Artificial Intelligence	4	5	SU/Ü/Pr	60-150	schrP	
PROJ	Team Project	4	8	PA/S		PfP	(11)
SRM	Scientific Research Methods for Information Systems	4	5	S		PfP	(12)
BA	Bachelor's thesis	0	12	BA		§ 12	CPs are weighted with a factor of 3

PEE	Profile Education Required Elective Modules	24	30	S/SU/Ü/Pr	(13)	(13)	
		89	148				

- (1) Further details are outlined in the study plan.
- (2) A prerequisite for completing the module is practical experience with modern development environments for implementing professional software solutions. Professional software development can only be successfully taught using practical exercises and problems. For this reason, attendance and successful participation in laboratory exercises and practical courses are prerequisites for admission to the exam. Successful completion of the internship must be demonstrated in papers and colloquia. The exercises and practical courses comprise up to 32 academic hours of 45 minutes, distributed over a maximum of 16 dates.
- (3) Specialized English is generally the first foreign language; The examination board deals with exceptions upon request. In the portfolio examination, dependent assessments (partial assessments) that are related to each other are required to ensure the uniformity of tasks. The portfolio examination consists of two oral examinations, each lasting 10 to 20 minutes, and a written examination that lasts from 60 to 120 minutes. The final grade is calculated from the two weighted partial grades. The oral examinations are each weighted with 20% and the written exam with 60%.
- (4) For the second foreign languages modules (foreign language 1 to 4 of 4), students must choose a progressive language course in a second foreign language from the language courses offered by the Center for Languages and Intercultural Communication at Augsburg University of Applied Sciences. In order to attend the increasing number of German-language courses later in the degree program, students who are obliged to provide proof of German language proficiency as a prerequisite for enrollment according to Art. 42 Para. 1 Clause 1 HS 2, Clause 2 BayHSchG, must complete four progressive language courses in German (German 1 to 4) as the second foreign languages modules (foreign language 1 to 4 of 4). The examination board decides on any exceptions. The informatics examination board deals with exceptions upon request. In the portfolio examination, dependent assessments (partial assessments) that are related to each other are required to ensure the uniformity of tasks. The portfolio examination consists of two oral examinations, each lasting 10 to 20 minutes, and a written examination that lasts from 60 to 120 minutes. The final grade is calculated from the two weighted partial grades. The oral examinations are each weighted with 20% and the written exam with 60%.
- (5) A prerequisite for completing the module is the ability to apply information system procedures. In the first semesters in particular, putting important theoretical content into practice during practical courses has proven effective, as this allows a higher level of knowledge to be acquired more quickly. For this reason, successful completion of the internship is an admission requirement for the examination. The exercises and practical courses comprise up to 16 academic hours of 45 minutes, distributed over a maximum of 16 dates.
- (6) As an alternative to the written examination, three course assignments can be written as part of the portfolio examination, each comprising 4 to 12 pages. The course assignments are weighted equally.
- (7) A prerequisite for completing the module is the ability to analyze other subject areas, which is necessary for the modelling of databases. This can only be learned by simulating the "communication with people who are not from this subject area" and subject-specific analyses. For this reason, successful completion of the internship is an admission requirement for the examination. The exercises and practical courses comprise up to 32 academic hours of 45 minutes, distributed over a maximum of 16 dates. A course assessment of 4 to 12 pages that describes all relevant points of the database project carried out during the internship must be submitted to successfully pass the internship.
- (8) A prerequisite for completing the module is the ability to analyze tasks with a medium level of complexity from the field of software development of business information systems, also in cooperation with other students, to design solutions and to implement, document and test them using modern tools. This skill can only be acquired by practical experience with individual support provided by the lecturers. For this reason, in order to be admitted to the examination, students must have successfully completed the programming practical course "programming information systems". Students must demonstrate that they have successfully participated in this practical course by presenting and giving a practical demonstration of the solutions to exercises. The exercises and practical courses comprise up to 32 academic hours of 45 minutes, distributed over a maximum of 16 dates.
- (9) In the portfolio examination, dependent assessments (partial assessments) that are related to each other are required to ensure the uniformity of tasks. The portfolio examination consists of a written examination of 60-150 minutes and a project in the form of a course assignment of 10-30 pages with a presentation of 10 to 30 minutes on the topic. The final grade is made up of the weighted partial grades from the written examination (50%) and the project (50%).
- (10) The practical seminar takes place while the student is doing a practical semester and the topic is assigned to PrakT. The students portray the tasks they were responsible for in the PrakT in a presentation of 15 to 30 minutes. The PrakT can already be accredited

for professionally qualified persons. However, the practical seminar still has to be completed if PrakT has been accredited. For this organizational reason, the practical seminar is included as an independent module.

- (11) In the portfolio examination, dependent assessments (partial assessments) that are related to each other are required to ensure the uniformity of tasks. The portfolio examination comprises a project of 10 to 30 pages and a presentation of 20 to 40 minutes. The final grade is calculated from the weighted partial grades of the project (80%) and the presentation (20%).
- (12) In the portfolio examination, dependent assessments (partial assessments) that are related to each other are required to ensure the uniformity of tasks. The portfolio examination comprises a course assignment of 5 to 15 pages and two presentations (A and B), each lasting 15 to 30 minutes. The final grade is calculated from the weighted partial grades. The course assignment is weighted with 50%, presentation A with 20% and presentation B with 30%.
- (13) From the subject-specific required elective catalogue for Bachelor programs that are offered at the Faculty of Informatics according to the specifications in the study plan.

## Annex 2: Degree Program Profile

The career profile of graduates of the "International Information Systems" degree program covers a variety of interdisciplinary occupations, whereby knowledge and competence from specialist areas that are fundamentally different are combined in this program. Business information technology applications must be developed and operated in a way that allows them to be used internationally. The field of information systems is one of the most important fields of the 21st century. Computers and the Internet have not only transformed our daily lives, but also the working world. International IT specialists for information systems work on the interface between various fields of knowledge and, therefore, must have a broad understanding of the relevant fields of business, informatics and internationality.

This degree program is aimed at motivated international and German students who would like to embark on a career after completing a compact degree course of seven semesters. The graduates of this program are also qualified for Master programs both within Germany and abroad. The program is designed with an interdisciplinary focus and in the first three semesters, all courses are taught through English. In addition to qualifying local experts with an international focus, the goal of this degree program is to motivate students from abroad to study information technology in Augsburg. The degree program aims to be of particular interest to students from abroad with the goal of integrating them into the German language and culture over the course of the degree program, and preparing them to embark on a career in Germany.

This program requires that students have logistical-argumentative, linguistic and social skills from the onset. This means that the basic part of the degree program not only includes classical subjects such as Mathematics, Programming, Database Systems, Business Administration, and Introduction to Information Systems, but also focuses on specialized English and foreign language skills during this program. The subsequent courses include Customizing and Programming of Information Systems, Data Analytics and Applied Artificial Intelligence. Students' business knowledge is also enhanced by acquiring knowledge in the fields of controlling, production and logistics, finance, e-business, intercultural management and law. Furthermore, students improve their foreign language skills. In addition to a further specialization, students put the theory they have learned into practice in the form of practical IT projects. To successfully complete this degree program, applicants must be constantly prepared to work with methods in the specialist triangle of economics - informatics - interculturality, and to practice applying the interdisciplinary connections between these fields in order to solve problems.

The interdisciplinary consideration of content related to information technology and business, as well as linguistic and intercultural content has been specifically defined due to the fact that global and intercultural project work with a strong focus on digitalization and business is becoming more and more important for solving problems in the specialist field of information systems. Upon completion of this degree program, students possess the following skills:

- Comprehensive specialist knowledge with a practical focus that enables graduates to take on development and management tasks in the field of information systems in international companies. Furthermore, this degree program develops students' competence in relation to managing projects in an international environment and gives graduates the confidence to work in intercultural work environments.
- Social skills that allow students to work competently in an intercultural context. Courses in the English language, a mixture of students from various cultural backgrounds, teaching of intercultural competence and the option to study abroad at various partner universities ensure that these skills are developed. This program also places great emphasis on learning and developing skills in foreign languages. The degree program is taught solely through English in the first three semesters and all students must learn one additional foreign language.

- Application-oriented methodological skills that allow students to understand the complex and dynamic environment of a global economy.

Applicants must be prepared to constantly focus on interdisciplinary and intercultural aspects when analyzing the issues and content of the program, and to further develop their skills in this respect. This means that students must have a keen interest in information technology, business, language and intercultural studies and the associated behavioral-oriented tendencies in order to successfully complete this program. Not only the degree program itself, but also the "International Information Systems" field of work is interdisciplinary. It demands multilingual cooperation between experts from various disciplines from both the natural sciences and humanities. This means that it is of utmost important to master the relevant language.

As a consequence of the special profile of the International Information Systems Bachelor program at Augsburg University of Applied Sciences and the described qualitative demands of the degree program, applicants are required to demonstrate their suitability for the program in a special process before starting their studies. This allows the University to identify and grant admission to the most suitable applicants from all over the world, and to guarantee that there is an international student body in this degree program from a variety of cultures. This represents an important parameter for the qualification goal of interculturality of all students.

In addition to a good higher education entrance qualification (HZB), applicants must demonstrate knowledge of the challenges of international information systems in the specialist triangle of internationality-informatics-economics, as well as knowledge of the associated degree program logic by submitting an application essay.

Last but not least, a good command of the language enables professionals in the field of international business information systems to clearly portray information technology processes in companies to people from other fields. Therefore, in the application essay, a logical, clear structure with a central idea and clearly defined terms, as well as a good command of the German language, or preferably English, are all indicators for suitability for the degree program.

In addition, importance is also attached to competences, aptitudes, commitment, interests, intercultural, practical or linguistic backgrounds - all of which are indicators of an independent, integrated and enthusiastic working style. In addition to the presentation of these factors in the application essay, the applicant must also submit any relevant English language certificates (requirement before starting studies), proof of any practical experience/internships relevant for the degree program, or any relevant previously awarded degrees for the entrance assessment. These are then considered in a defined procedure.

## Annex 3: Procedure for Determining Suitability for Degree Program

### 3.1 Prerequisites

(1) The following criteria are used to determine suitability:

1. <sup>1</sup>Average grade of higher education entrance qualification (HZB), calculated according to Annex 3.4. <sup>2</sup>In the case of a higher education entrance qualification from a country other than Germany, the applicant must submit an official certified translation and the preliminary examination documentation (VPD) using uni-assist.ev or the Certificate Recognition Office of Bavaria.
  
2. <sup>1</sup>Application essay with four subsections:
  - a) Knowledge of the challenges of the internationality-informatics-economics combination for international information systems: fill-in-the-blank text in English on the significance of internationality-informatics-economics.
  - b) Knowledge of the relevant subject areas for developing international information systems based on the course plan: fill-in-the-blank text in English to assess knowledge of course plan of International Information Systems (Bachelor) program, including specific characteristics of subjects of this program and competences required for a career in the field of information systems in an international environment.
  - c) Portrayal of competences, aptitudes, commitment, interests, for example, interest in a different cultural environment...: free text in German or preferably English, maximum 1 A4 page.
  - d) Logical, clear structure and statement, command of the language in the free text from point 3.

<sup>2</sup>Detailed information about the application essay will be published on the degree program website before the application process starts. <sup>3</sup>The application assignment must be submitted before the application deadline (cut-off period).
  
3. In addition to the mandatory documents, additional documents may be voluntarily submitted to increase the chances of being admitted to the program:
  - a) Defined English tests\*\*\*; improvement of HZB average grade by 0.2
  - b) Relevant vocational training or other professional experience (at least four weeks) and previous degrees in the field of information systems or related subjects (computer science/informatics, business/business administration/economics). The certificates must be in German or English; improvement of HZB average grade by 0.2

\*\*\*The following language certificates are recognized and the certificate may not be older than two years:

- TOEFL: 80 – 94 points
- TOEIC: listening 430 -485 points; reading 400 -450 points
- IELTS: at least 6.5 points
- Telc: B2
- PTE Academic: 65-75 points

\*\*\*The following English language certificates are accepted and the certificate may not be older than two years:

- Cambridge English Language Assessment (B2: First Certificate in English (FCE); C1: Certificate in Advanced English (CAE))
- CET: College English Test
- GMAT: Graduate Management Admission Test
- LanguageCert International ESOL Qualifications

### 3.2 Grading

<sup>1</sup>The maximum number of points that can be awarded is 100. <sup>2</sup>A maximum of 60 points can be achieved with the HZB. <sup>3</sup>The remaining 40 points are filled from the mandatory application essay in German or preferably in English. <sup>4</sup>If the application essay is not submitted, the application is eliminated from the entrance assessment procedure.

The following grading system applies:

1. <sup>1</sup>The average grade of the HZB is calculated in points (HZB points) on a scale of 0 to 60, whereby 0 is the lowest possible result and 60 the highest possible result. <sup>2</sup>The scale should be selected so that a HZB that is barely passed is awarded 30 points (Annex 2). <sup>3</sup>Art. 44 Para. 4 Clause 5 and 6 BayHSchG apply.

2. <sup>1</sup>The result of the application essay is calculated in points. 0 is the lowest possible result and 40 (10 points for each subsection) is the best possible result. <sup>2</sup>If 10 or fewer points are awarded, the application essay is awarded 0 points and the overall assessment is graded with "insufficient".

3. <sup>1</sup>When determining the overall result, the points from the HZB and the points from the application essay are added. <sup>2</sup>The weighting is done with a ratio of 60:40. (See overview of points Annex 3.3)

4. Result of entrance assessment:

<sup>1</sup>Applicants who are awarded 70 or more points are admitted to the program. <sup>2</sup>Applicants with an overall result of 69 or fewer points receive a letter of rejection. <sup>3</sup>The University assumes that the average applicant is admitted to the program.

### 3.3 Overview of Points

		Examination Component	Examination Criteria	Individual Number of Points that can be Achieved	Maximum Number of Points that can be Achieved
1	Mandatory	HZB*	1.0	=60	60
			1.1	=59	
			1.2	=58	
			1.3	=57	
			1.4	=56	
			1.5	=55	
			1.6	=54	
			1.7	=53	
			1.8	=52	
			1.9	=51	
			2.0	=50	
			2.1	=49	
			2.2	=48	
			2.3	=47	
			2.4	=46	
			2.5	=45	
			2.6	=44	
			2.7	=43	

			2.8	=42	
			2.9	=41	
			3.0	=40	
			3.1	=39	
			3.2	=38	
			3.3	=37	
			3.4	=36	
			3.5	=35	
			3.6	=34	
			3.7	=33	
			3.8	=32	
			3.9	=31	
			4.0	=30	
2	Mandatory	Written assignment	4 subareas	10 points each	40
3	Voluntary	Defined language test in English	Yes or no	*HZB average grade improved by 0.2	
4	Voluntary	Any relevant professional experience/vocational training/degrees	Yes or no	*HZB average grade improved by 0.2	

### 3.4 Conversion Scale HZB

The grade scale is converted to points on a scale of 0 to 60 according to the following regulation: The best possible result is 60 points and the minimum number of points required to pass is 30 points in the relevant source grading system.

#### German Grading System

1 is the highest and 6 is the lowest grade

$$\text{Points} = 70 - 10 \cdot \text{grade}$$

As German certificates contain HZB grades with decimal places, no rounding is necessary when using the formula.

For foreign higher education entrance qualifications, an official certified translation and the preliminary examination documentation (VPB) must also be submitted using uni-assist.ev or the Certificate Recognition Office of Bavaria