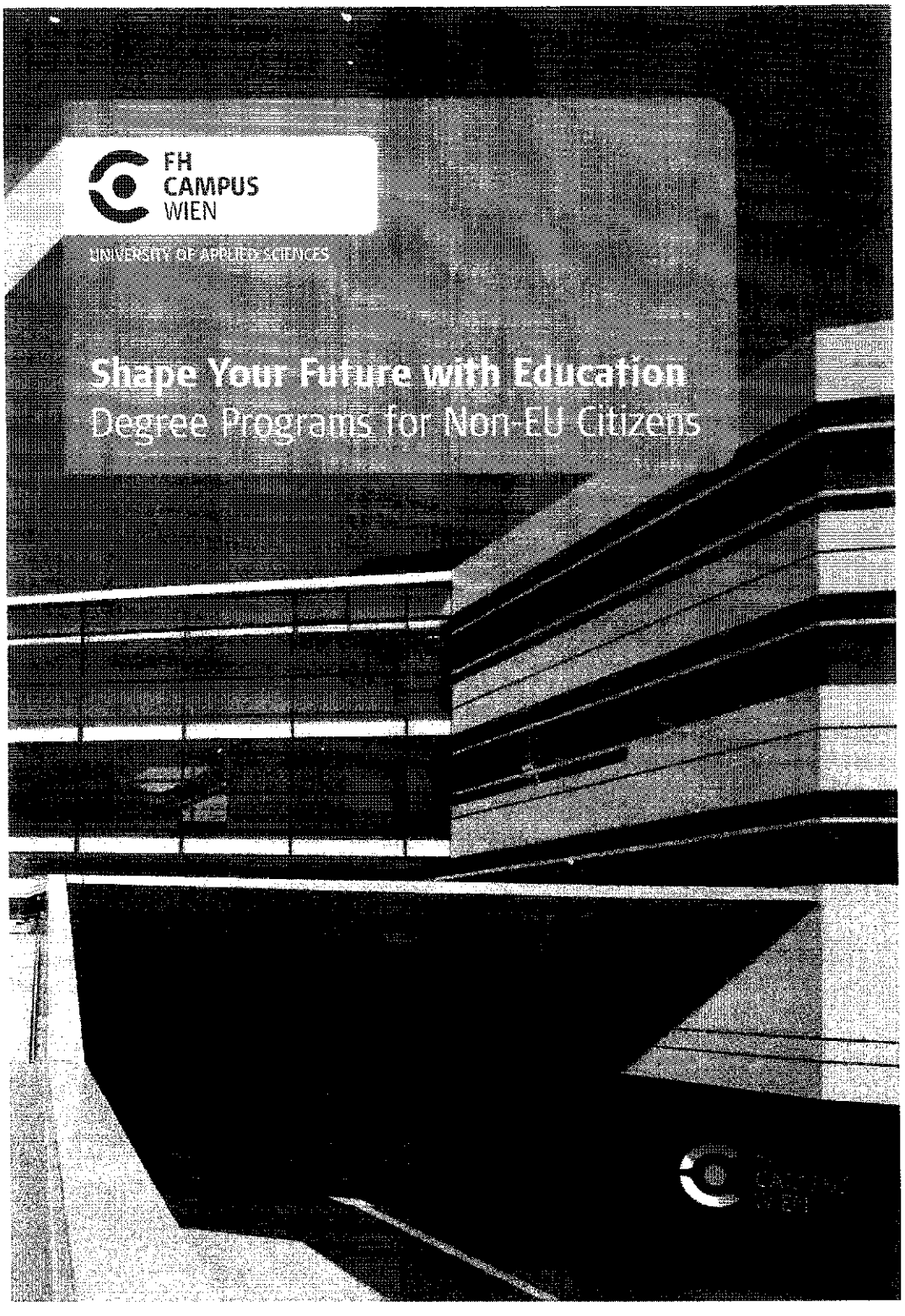
FH
CAMPUS
WIEN
UNIVERSITY OF APPLIED SCIENCES
Shape Your Future with Education
Degree Programs for Non-EU Citizens

> Welcome to the FH Campus Wien

Let me welcome you and thank you for your interest in the FH Campus Wien, Austria's largest government-accredited University of Applied Sciences.

The FH Campus Wien offers you top-quality bachelor's degree programs that will equip you with the knowledge and skills you need for becoming successful in your profession. It will also give you the academic background that will enable you to continue your education at the Master's or PhD level. The bachelor's degree awarded by the FH Campus Wien is recognized globally.

In its Strategic Plan 2012–2016, the FH Campus Wien is committed to the principles of lifelong learning, student-centered teaching, as well as technology-enhanced education. Our modern main building, where our international programs are taught, provides students and teachers with state-of-the-art classrooms and labs and also has an excellent restaurant and a comfortable cafeteria. As students of the FH Campus Wien, you will enjoy the company of many Austrian students and a growing international student body.

As our study programs place considerable emphasis on the practical aspects of research-based higher education, you will be required to do internships, which the university will help you to organize. Our teaching staff is actively involved in research projects and/or in their respective professions. They are experts in the latest theoretical and methodological developments of the subjects they teach, as well as in all practical aspects of professional life.

The FH Campus Wien has a clearly outlined diversity policy and does not discriminate on the basis of nationality, gender, age, religion, race or sexual orientation. We firmly believe in the positive effects of diversity management in our university.

I am convinced that you will enjoy your studies at the FH Campus Wien. We invite you to have a unique learning experience in the heart of Europe. Welcome to Vienna.

Prof. Arthur Mettinger, Rector

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› Table of Contents

› The FH Campus Wien 4
› Studying in Vienna – In the Heart of Europe 4
› The FH Campus Wien Teaching and Learning Philosophy 5
› Your Studies at the FH Campus Wien 6
› Civil Engineering and Construction Management 8
› Health Care and Nursing 10
› Information Technologies and Telecommunication 12
› General Admission Requirements 14
› Application and Admission Procedure 14
› Dates and Deadlines 15
› Application and Admission – Step by Step 16

> The FH Campus Wien

> Facts

Students: about 5,000
Graduates per year: about 1,200
Employees: about 1,400
22 Bachelor's degree programs
17 Master's degree programs
10 Master's degree programs for advanced professional training
(Retrieved 2014)

The FH Campus Wien offers career-oriented and science-based education and training in accordance with international standards. We are an entrepreneurially managed university. Together with our strategic partners we develop cutting-edge study programs and equip our graduates with the ability to be innovative in their professional fields.

Our focus is on applied research and development, and includes the participation of our students and graduates. Our involvement in national and international specialized networks, as well as our partnerships with universities, social economy organizations and enterprises contributes significantly to our research activities.

> Studying in Vienna – In the Heart of Europe

Vienna is an internationally recognized academic city, where contacts are made and networks developed. Internationalization is a process in which the teachers and staff at the FH Campus Wien are personally engaged.

As an international guest student, you make a valuable contribution to the diversification of the FH Campus Wien, and we will do our best to assist you during your time in Austria.

> The FH Campus Wien Teaching and Learning Philosophy

We here at the FH Campus Wien take learning very seriously, and from a perspective that is very different from many other institutions. Our basic education philosophy stems from the idea that there has to be a careful mix of lectures, blended learning, hands-on application and individually structured mentoring.

For us, it is not enough to have students simply attend our institution, and walk away with a degree. Those who attend the FH Campus Wien are entitled to a top-rated education from some of the best and most qualified instructors in their fields. There has to be a commitment and connection between students and staff alike that is a statement of international standards, lifelong learning of new practices, all coupled with a foundation of support.

In short, we believe that students who attend our university should feel proud to be a part of our organization, and, more to the point, confident that the education they worked for was dedicated to the belief in making each student realize their goals and career potential.

To help students accomplish such goals we have worked on many aspects that all add into the overall structure of our advanced education system. These items include challenging the quality of education, good teaching practices, didactic training methods, gender diversity, the use of new technology and eLearning and application-oriented research and development.

Rounding out our customized international student strategy is the "Buddy System" mentoring program. We realize that some of our international students need help with their studies, and that there is also a real need with integration help, not only regarding the process of registration in Austria, but with the "who, what, where" of living in Vienna. We have a select group of senior students who volunteer to help some of our international students with adjustment into a fuller, more rounded life in Vienna. This can include the basics of housing, where to get a hair styling, how to find a doctor, and even which clubs and pubs are the best to meet other young people.

> Your Studies at the FH Campus Wien

Before you can go through the admission process for your selected bachelor's degree program, the two-semester Foundation Year must be successfully completed. The Foundation Year comprises two semesters of preparatory courses, and starts in October.

The subjects are – with the exception of language and intercultural training courses – offered in modular blocks.

At the end of each course performance assessments are carried out. The placement test at the end of the first semester is carried out to assess the quality and suitability of the participants. At the end of the second semester you may take part in the admission procedure for your chosen bachelor's degree program.

At the FH Campus Wien the ECTS (European Credit Transfer System) is applied, which is based on your total workload including lecture time and self-study. One ECTS point equals 25 work hours.

These are the details of your Foundation Year curriculum:

Semester 1

Module Title	hrs/wk
Field-related Subjects	12
English (target level: B1)	3
German (target level: A1)	3
Austrian Culture	2
Intercultural Training	1
Study Skills + Time Management	2
Start Workshop + Coaching	2

End of Semester 1

> Detailed information about your chosen bachelor's degree program
> Placement Test

Semester 2

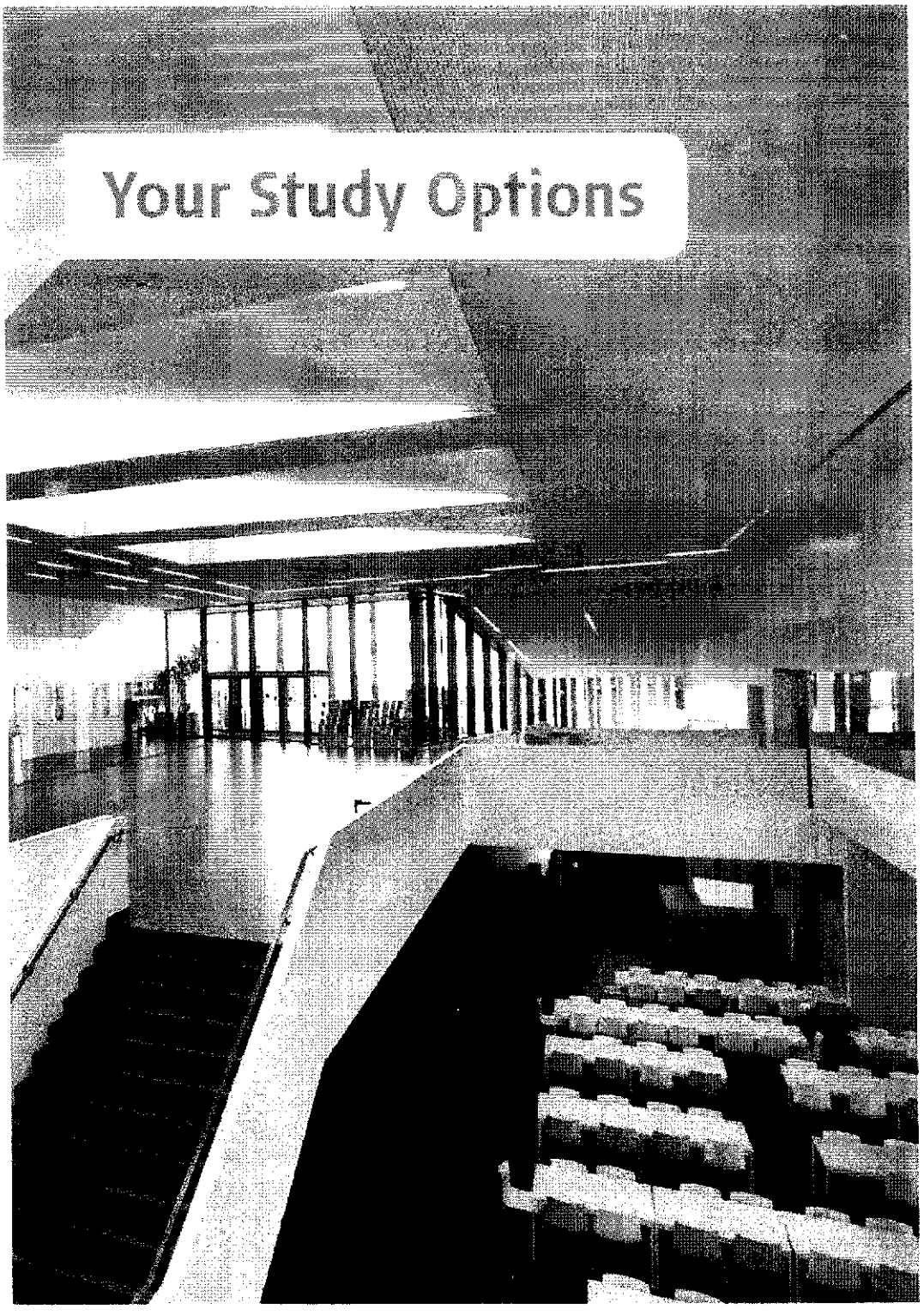
Module Title	hrs/wk
Field-related Subjects	15
English (target level: B2)	2
German (target level: A2)	3
Writing Workshop	2
Coaching	3

End of Semester 2

> Admission procedure for your chosen bachelor's degree program (placement test and interview)

After successful completion of the admission procedure, you can continue with six semesters of your chosen bachelor's degree program.

Your Study Options



> Civil Engineering and Construction Management

> Facts

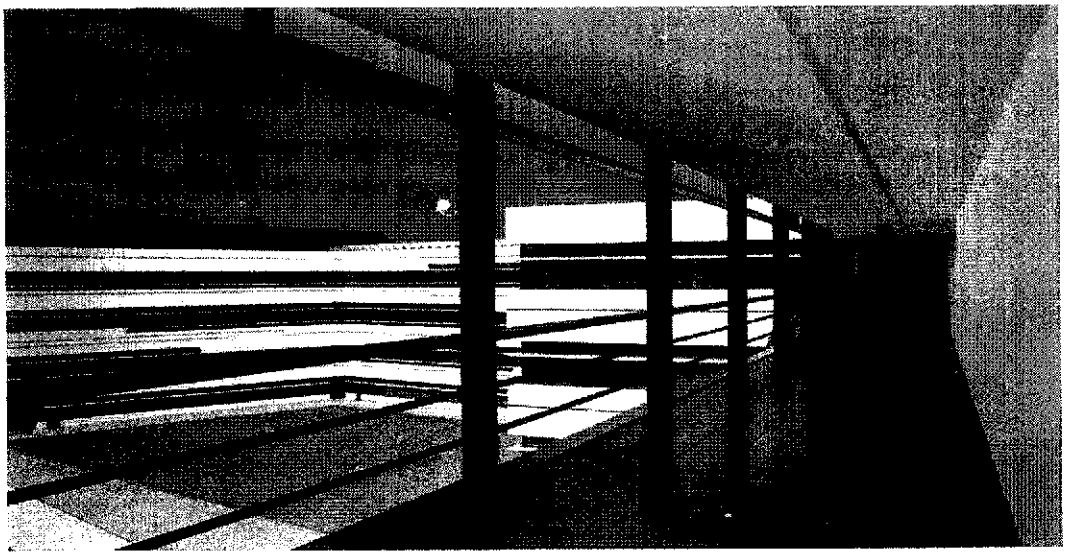
Organisational form: full-time
Duration: 6 semesters (180 ECTS)
Final degree: Bachelor of Science in Engineering (BSc)
Study places/year: 25

Overview of Your Studies

The degree program Civil Engineering and Construction Management prepares you at university level with a strong practical content for your future professional duties such as the technical planning and construction of building projects. By implementing the 3-column model "technology + economics + personality" you will acquire goal-oriented skills, which will open various professional opportunities for you. You will gain essential knowledge in the fields of construction planning and implementation. This covers everything from construction basics, civil engineering theory, construction theory and construction methods. A characteristic of our degree program is a focus on sustainability and large-scale international projects.

Career

As a professional civil engineer you will be perfectly prepared for your main working areas. You will be responsible for the construction, planning and/or the completion of building projects. This will enable you to work in design and planning offices, or implement projects on site. You will work as part of the client's or the contractor's team. The degree program is also a solid basis from which to take on management roles after additional vocational experience and further training.



Curriculum

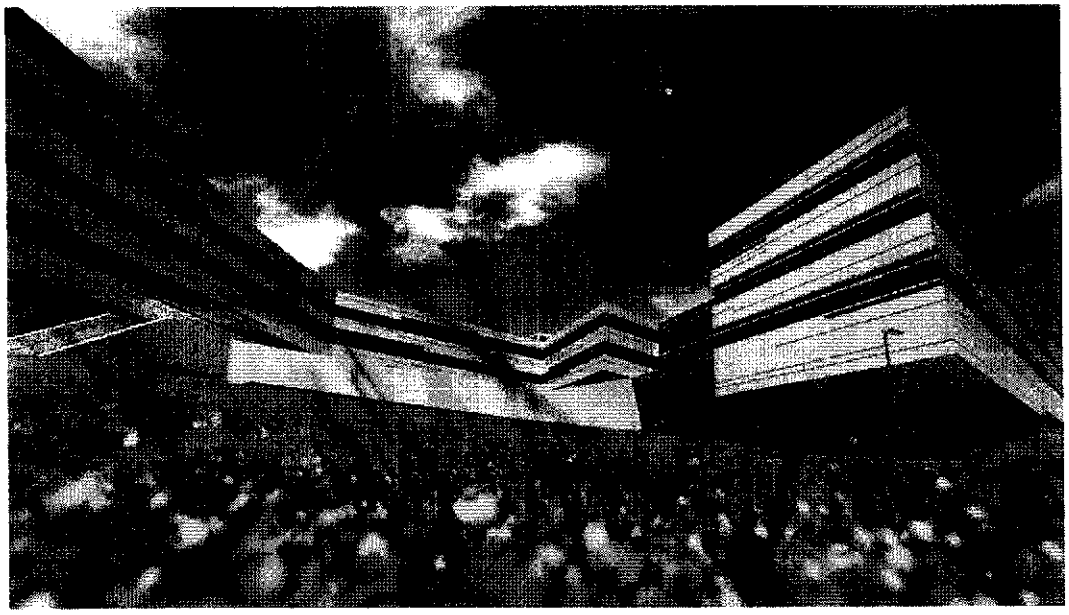
> Module Title	ECTS
> Technology	
Mathematics	3
Descriptive Geometry	6
Principles of Chemistry and Physics	3
Construction Materials	8
Surveying	3.5
Building Construction & Design	11
Geology and Soil Mechanics	4.5
Principles of Reinforced Concrete Structures	8
Advanced Reinforced Concrete Structures	3
Steel Structures	6
Wood Structures	5
Underground Engineering and Infrastructure Construction	8
Introduction to Structural Design	11
Advanced Structural Design	5
Architecture and Regional Planning	6.5
Building Design	3
Drafting	5
Project Workshop	9.5
Internship	14.5
Large-Scale International Projects	5
Sustainable Construction	7
> Business	
Introduction to Business Administration	2
Business Administration	2
Construction Management	6
Construction Site Management	6
> Law	
Introduction to Law	5
Law - Specialization	3
> Project Management	
Project Management	7
Project Management Specialization	2
> Soft Skills	
Communication	2.5
Business and Technical English	7
Mentoring	2
> Sum of ECTS	**180**
> Sum of ECTS per semester	**30**

> Health Care and Nursing

> Facts
Organisational form: full-time
Duration: 6 semesters (180 ECTS)
Final degree: Bachelor of Science in Health Studies (BSc)
Study places/year: 25

Overview of Your Studies
The degree program Health Care and Nursing is practical and scientifically based. The care of people with physical and psychological illnesses in all phases of life and in differing care settings illustrates only two aspects of the profession. Consultation, prevention, health promotion, care organization and quality management are also increasingly important disciplines. Besides technical-methodical scientific skills you will also acquire social skills, communication skills and self-confidence. With this methodical approach the degree program promotes project/problem and action-oriented learning. You will directly implement the theories that you learn in the degree program during extensive placements. They are carried out in cooperation with the Association of Viennese Hospitals.

Career
Graduates await particularly good career opportunities in the teaching of nursing and in nursing management. With the skills you have in nursing, quality management and organizational development you can run care facilities such as emergency hospitals and nursing centers. You are highly qualified for general nursing, but are also in specialized fields, like intensive care or anesthetic nursing.



Curriculum

› Module Title	ECTS
› Patient-Oriented Professional and Methodological Skills	
Care Theory and Care Process	2
Health Care and Caring for the Ill - Introducing to Nursing	5
Special Health Care and Nursing 1	5
Special Health Care and Nursing 2	4
Care for Special Target Groups	4
Care in Special Settings	4
Principals - Nursing Expertise	5
› Organisation-Related Professional and Methodological Skills	
Organisation and Management in Health Care	5
› Professional and Methodological Skills for Society	
Public Health	4
Communication	3
Counselling incl. 2 ECTS internship	6
› Professional and Methodological Skills in Relational Studies	
Fundamentals of Medicine	9
Fundamentals of Specialized Medicine 1	5
Fundamentals of Specialized Medicine 2	7
Human and Social Sciences	3
History, Ethics and Legal Principles	4
› Scientific Competence	
Nursing Science 1	5
Nursing Science 2 incl. 4 ECTS internship	10
› Practical Skills	
Training in Practice	86
› Elective Subjects	
Compulsory Elective Education in Nursing	4
Compulsory Elective Nursing Expertise	
Nursing Science Compulsory Elective	
› Sum of ECTS	**180**
› Sum of ECTS per semester	**30**

> Information Technologies and Telecommunication

> Facts

Organisational form: full-time
Duration: 6 semesters (180 ECTS)
Final degree: Bachelor of Science in Engineering (BSc)
Study places/year: 25

Overview of Your Studies

Information Technologies and Telecommunication interlink ever more closely in practice. New applications are constantly arising at the interfaces of safe data processing and data communication. This includes solutions for the operation of rail and road systems, for the security of electronic money transfer and the domestic support of patients and the elderly. You will apply the theoretical knowledge that you acquired in your education during an (industry) placement semester and during work on R&D projects. A hands-on perspective, as well as technical and economic expertise, and the ability to work in a team are demanded not only in your education but also in your profession. The degree program allows for the acquisition of industry certificates, such as Java, CCNA, etc.

Career

Combining elements of computer science and telecommunications gives you, as a graduate, excellent career prospects. Your comprehensive knowledge of information technologies and telecommunications is in high demand across all industries. The need for new products, services and applications is creating numerous jobs for IT and TC experts. At present, the demand for graduates of the FH Campus Wien degree program greatly exceeds the supply and your entry into the working world is thereby made easy for you. The degree program is also a solid basis from which to take on leadership, or managerial roles, after gaining vocational experience and further training.

Curriculum

> Module Title	ECTS
> System Level	
Introduction to Mathematics	7
Mathematics	4
Specialization in Mathematics	8
Applied Informatics	6
System Architecture	5
Information Systems	6
> Network Level	
Network Protocols	6
Network Systems	7
> Hardware Level	
Electronic Basics	8
Embedded Systems	8
> Software Level	
Introduction to Programming	8
Algorithms and Data Structures	6
Operating Systems	8
Software Development	8
> Interpersonal and Methods-Based Skills	
Technical English	12
Working German	5
Economics	5
Management Skills	9
Mentoring	3
> Basics IT Security	**7**
> Basics Telecommunications	**7**
> Technical Projects (ends with Bachelor's Thesis 1)	**14**
> Academic Skills and Systems-Based Solutions	
Academic Writing	2
Bachelor's Thesis 2	8
Internship	13
> Sum of ECTS	**180**
> Sum of ECTS per semester	**30**

› General Admission Requirements

For admission to the FH Campus Wien a valid university entrance qualification is required. Your application will be verified individually by the academic board for equivalence with the Austrian general university entrance qualification after we have received your complete application.

Certification of Documents
All certificates issued outside Austria must be translated into German or English, and certified by a notary or by an Austrian diplomatic representation.

Required Documents for Application
› Curriculum Vitae
› Letter of Motivation
› Passport (ID page)
› A passport-sized photo
› Complete school graduation certificate or general university entrance qualification (incl. stamp and signatures, and translated and certified/legalized)
› Further (translated and certified) academic transcripts (if applicable)
› Record of previous work experience (if applicable)
› English level of at least B1 according to the Common European Framework of Reference. Corresponding test scores:

Cambridge BEC Preliminary	Cambridge PET Preliminary	IELTS	TOEFL iBT	TOEIC
B1	B1	4 - 4.5	57 - 86	550

› Application and Admission Procedure

The FH Campus Wien only accepts online applications. Applications have to be submitted using the university's online application tool. Please note that we can only assess your application if it is completed and we receive it before the application deadline in March. We can only consider you for the admission procedure if you meet the entry requirements. We strongly recommend that you complete your online application promptly, so that you will still be able to submit any missing documents before the deadline for applications.

> Dates and Deadlines

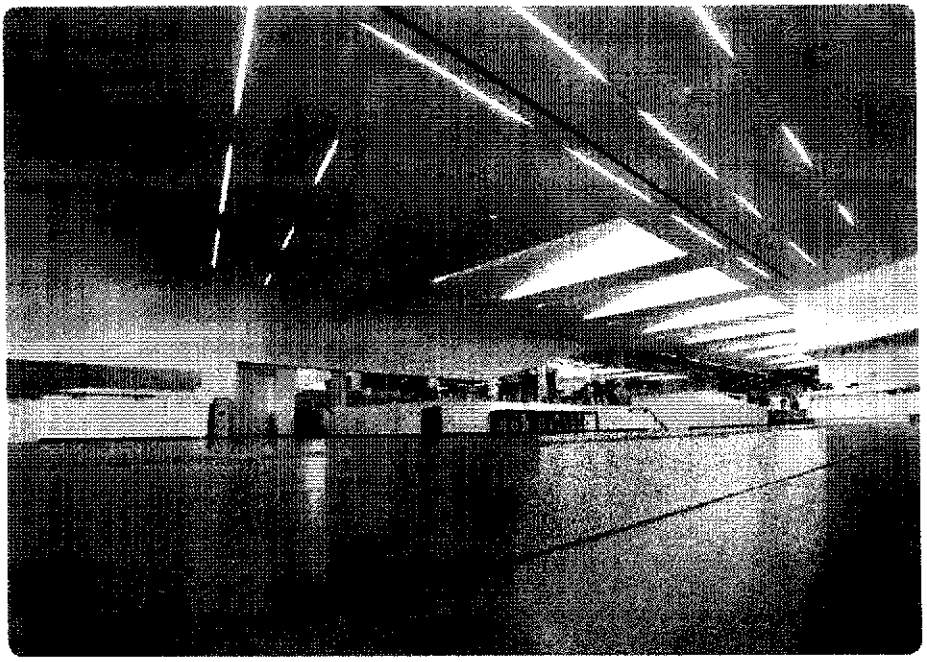
The application deadline is in March. Please note that only complete application files (incl. translated and legalized documents) will be accepted.

> Fees

Registration € 200.-
Tuition € 4.500.- per semester

Visa and Residence Permit Regulations
We strongly recommend all international applicants to apply for a visa and residence permit as soon as possible because the processing may take up to six months.

Once your application for a bachelor's degree program has been approved, your visa has to be extended.



> Application and Admission – Step by Step

> Step one: After successful registration with the university's online application tool you will receive your personal access link to start your online application.

> Step two: Please complete your online application, stating which bachelor's degree program you plan to study, and upload the required documents. You may scan and upload your translated and legalized documents. Please note that the original has to correspond to the scan. After you have submitted your completed application, we will notify you by email of receipt of your application. Additionally, we will ask you to pay the registration fee.

> Step three: Only your complete application file (incl. translated and certified documents) will be verified individually by the academic board according to the entry requirements. We will inform you by email of whether you comply with the entry requirements.

> Step four: As we only offer a limited number of places, your files will be ranked in order of acceptance. You will be informed whether you have been accepted as soon as possible. This notification will be sent by email. Please note that, for administrative reasons, we are unable to provide any information by telephone.

> Step five: If you have been accepted and after payment of the tuition fee for the first semester, you are entitled to enter the Foundation Year at the FH Campus Wien. Please note that your original documents have to be provided upon arrival.

> Step six: At the end of the Foundation Year you take part in the admission procedure for your chosen bachelor's degree program (placement test and interview).

> Step seven: After you have completed this admission procedure, you will be informed about the result as soon as possible. This notification will be sent by email. Please note that, for administrative reasons, we are unable to provide any information by telephone.

Contact

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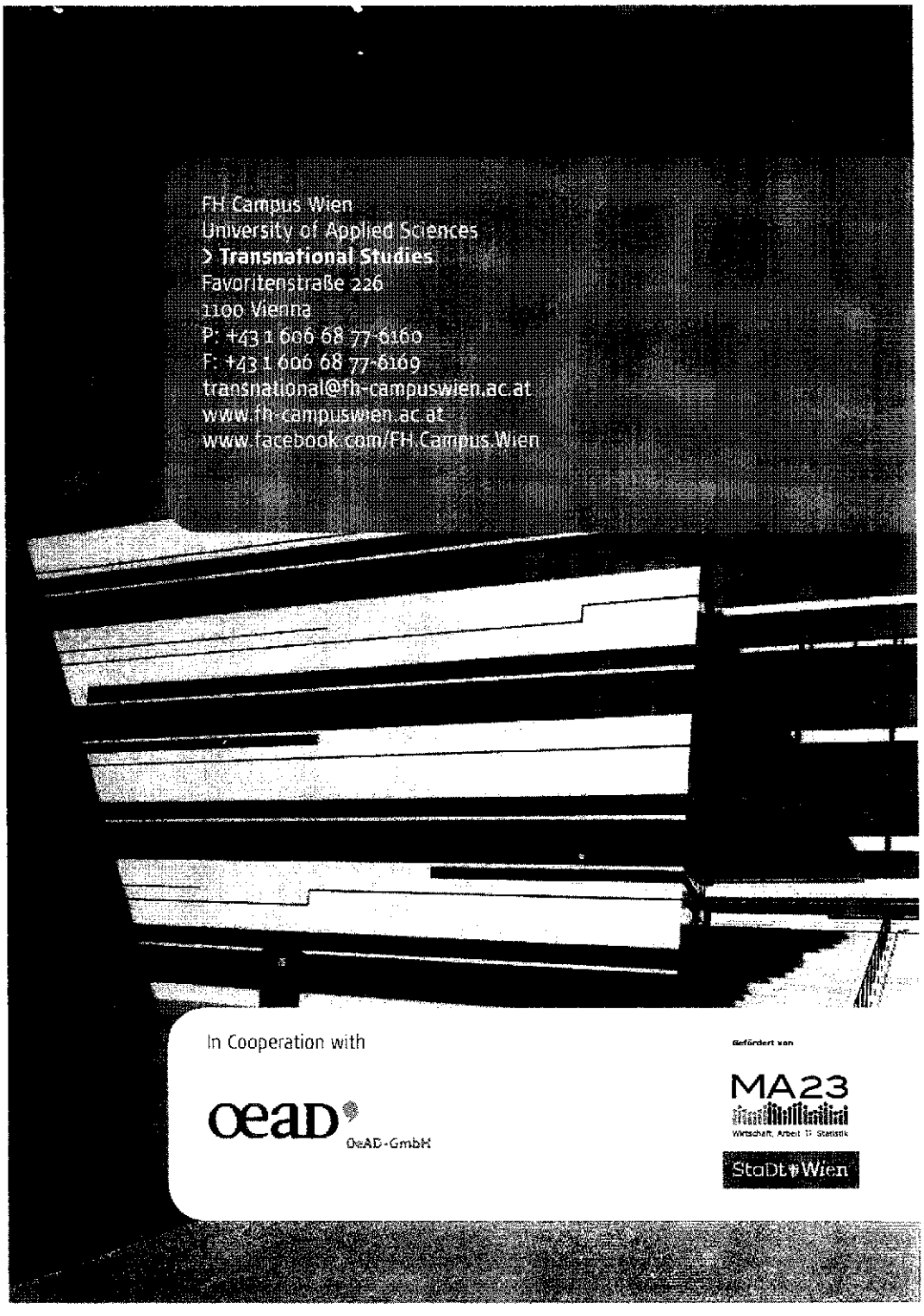
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In Cooperation with
OeAD-GmbH
Gefördert von
MA23
Wirtschaft, Arbeit & Statistik
Stadt Wien

› Foundation Year – Curriculum

Semester 1

Module Title	Contents	hrs/wk
› Field-related Subjects: Information Technologies and Telecommunication		
Fundamentals of Mathematics 1	Sets of numbers, elementary functions, rearranging equations, solving linear equations, vectors and matrices, linear algebra, geometry, trigonometry, sequences and series, differential calculus, integral calculus, basics of statistics, complex numbers	4
Basics of Informatics	Architecture of computer systems, microprocessor, memory and storage, interfaces, information transfer and protocols, protocol principles, transmission principles, network principles, LAN-principles, operating systems, basic ideas and concepts, functions, implementation, user and application software integration	3
Fundamentals of Physics 1	Base units, derived units, distance and time measurements, mechanics, vibrations and waves, thermodynamics, electricity, optics, basics of atomic physics, nuclear physics and radioactivity	3
Practical Tasks	Lab assistance, excursions	2
› Field-related Subjects: Health Care and Nursing		
Basics of Somatology and Pathology	Fundamentals of normal anatomy and physiology, reasons for illnesses and clinical pictures, cell and tissue damage, inflammations, swellings, death and autopsy, medical examination procedures, diagnosis procedures	4
Introduction into Health Care and Nursing	Basics of nursing, definition of health/illness, life activities, influence and interaction on life activity, care interventions in the framework of life activity, promoting a safe patient environment, ethics	3
Medical Terminology and Hygiene for Health Care Professions	Medical terminology for different purposes, basics of microbiology and infectious diseases, microorganisms and parasites, immunization and defense mechanisms, vaccination-schedule, hospital hygiene, nosocomial infections (hospital acquired infections)	3
Austrian Health Care	Visits and excursions to relevant health institutions mainly in Vienna, Lower Austria, Upper Austria and Burgenland	2
› Field-related Subjects: Civil Engineering and Construction Management		
Fundamentals of Mathematics 1	Sets of numbers, elementary functions, rearranging equations, solving linear equations, vectors and matrices, linear algebra, geometry, trigonometry, sequences and series, differential calculus, integral calculus, basics of statistics, complex numbers	4
Descriptive Geometry 1	Basics & techniques, making sketches	2
Library of Construction Terminology 1	Building permission, tenders & public tenders, cost estimate, quotation, review of quotation, building process, handover of a facility, building life circle	1
Fundamentals of Physics 1	Base units, derived units, distance and time measurements, mechanics, vibrations and waves, thermodynamics, electricity, optics, basics of atomic physics, nuclear physics and radioactivity	3
Practical Tasks	Visiting current construction sites in Vienna, discussing various problems in groups, presenting solutions	2
› Intercultural Skills		
Austrian Culture	History, politics, demographics, values and beliefs (including religion, gender relations, family structure, etc.), educational system, social system, arts, sports	2
Intercultural Training	Cultural differences and similarities, culture shock, different models of integration, stereotypes and stereotyping, describing, interpreting, judging	1
› Language Skills		
English (target level: B1)	Cultural studies, different lifestyles, socializing, managing learning, telephone communication, professional E-mailing, comprehension training using authentic films, grammar, sentence structure, idiomatic phrases, Business English, communication and speaking skills	3
German (target level: A1)	Essential grammar and vocabulary needed for education and typical life situations, intercultural topics with a regional theme	3
› Additional Support		
Start Workshop + Coaching	Group dynamic exercises, peer consulting, determination of goals, exploring the environment, mentoring, introducing and implementing teams, get to know the university and students, social activities, living and studying in Vienna, self-reflection, counselling, non-judgemental support	2
Study Skills + Time Management	Time and self-management techniques, learning styles and learning strategies, stress management, working in groups and teams, learning environment, reading and understanding the content of different texts, complex texts, scientific work (basics)	2

Semester 2

Module Title	Contents	hrs/wk
> Field-related Subjects: Information Technologies and Telecommunication		
Fundamentals of Mathematics 2	Sets of numbers, elementary functions, rearranging equations, solving linear equations, vectors and matrices, linear algebra, geometry, trigonometry, sequences and series, differential calculus, integral calculus, basics of statistics, complex numbers	5
Introduction to Programming	Analyzing problems, extracting logical contexts from tasks, structure flows, basic algorithms and methods in software design, functions and concepts of programming languages	3
Fundamentals of Physics 2	Base units, derived units, distance and time measurements, mechanics, vibrations and waves, thermodynamics, electricity, optics, basics of atomic physics, nuclear physics and radioactivity	4
Practical Tasks	Lab assistance, excursions	3
> Field-related Subjects: Health Care and Nursing		
Introduction to Health Promotion and Prevention and Health Structures	Introduction to health concepts and theories, factors influencing health, health prevention, health promotion, Austrian health care system, professional positions, financing of health service in Austria and potential consequences for the nursing profession, demographic development of the Austrian populace	5
National and International Nursing History and Professional Development	Austrian and international history of nursing care from the 19th century to the current situation of professional nursing care, historical development of nursing diagnosis/processes, human rights and ethical thinking, international nursing history and development, influence of Florence Nightingale	3
Basics of Nursing Process and Theories	Definition of the nursing process, development of nursing science and theory, steps of the nursing process, aspects of conversations and documentation, terminology, examples of implemented care models in practice, use of nursing models, development of ritualized nursing action to evidence-based practice, principles of patient-centered communication	4
Communication in Special Situations	Communication with elderly people, symmetric versus asymmetric communication, autonomy versus care giving responsibilities, communication with care giving relatives, delivery of difficult messages, dying and death	3
> Field-related Subjects: Civil Engineering and Construction Management		
Fundamentals of Mathematics 2	Sets of numbers, elementary functions, rearranging equations, solving linear equations, vectors and matrices, linear algebra, geometry, trigonometry, sequences and series, differential calculus, integral calculus, basics of statistics, complex numbers	5
Descriptive Geometry 2	Basics of design theory, techniques, drafting buildings	2
Library of Construction Terminology 2	Building permission, tenders & public tenders, cost estimate, quotation, review of quotation, building process, handover of a facility, building life circle	2
Fundamentals of Physics 2	Base units, derived units, distance and time measurements, mechanics, vibrations and waves, thermodynamics, electricity, optics, basics of atomic physics, nuclear physics and radioactivity	4
Practical Tasks	Visiting current construction sites in Vienna, discussing various problems in groups, presenting solutions	2
> Language Skills		
English (target level: B2)	Presentation skills, project management, meetings, negotiations, technology today, sustainable energy sources	2
German (target level: A2)	Additional grammar and vocabulary, communication practice, intercultural topics with a regional theme	3
Writing Workshop	Academic writing skills: coherent text, summarizing, argumentation of content, structuring longer texts	2
> Additional Support		
Coaching	Self-reflection, counselling, non-judgemental support	3

Contact

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› Foundation Year – Curriculum

Semester 1

Module Title	Contents	hrs/wk
› Field-related Subjects: Information Technologies and Telecommunication		
Fundamentals of Mathematics 1	Sets of numbers, elementary functions, rearranging equations, solving linear equations, vectors and matrices, linear algebra, geometry, trigonometry, sequences and series, differential calculus, integral calculus, basics of statistics, complex numbers	4
Basics of Informatics	Architecture of computer systems, microprocessor, memory and storage, interfaces, information transfer and protocols, protocol principles, transmission principles, network principles, LAN-principles, operating systems, basic ideas and concepts, functions, implementation, user and application software integration	3
Fundamentals of Physics 1	Base units, derived units, distance and time measurements, mechanics, vibrations and waves, thermodynamics, electricity, optics, basics of atomic physics, nuclear physics and radioactivity	3
Practical Tasks	Lab assistance, excursions	2
› Field-related Subjects: Health Care and Nursing		
Basics of Somatology and Pathology	Fundamentals of normal anatomy and physiology, reasons for illnesses and clinical pictures, cell and tissue damage, inflammations, swellings, death and autopsy, medical examination procedures, diagnosis procedures	4
Introduction into Health Care and Nursing	Basics of nursing, definition of health/illness, life activities, influence and interaction on life activity, care interventions in the framework of life activity, promoting a safe patient environment, ethics	3
Medical Terminology and Hygiene for Health Care Professions	Medical terminology for different purposes, basics of microbiology and infectious diseases, microorganisms and parasites, immunization and defense mechanisms, vaccination-schedule, hospital hygiene, nosocomial infections (hospital acquired infections)	3
Austrian Health Care	Visits and excursions to relevant health institutions mainly in Vienna, Lower Austria, Upper Austria and Burgenland	2
› Field-related Subjects: Civil Engineering and Construction Management		
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Practical Tasks	Visiting current construction sites in Vienna, discussing various problems in groups, presenting solutions	2
› Intercultural Skills		
Austrian Culture	History, politics, demographics, values and beliefs (including religion, gender relations, family structure, etc.), educational system, social system, arts, sports	2
Intercultural Training	Cultural differences and similarities, culture shock, different models of integration, stereotypes and stereotyping, describing, interpreting, judging	1
› Language Skills		
English (target level: B1)	Cultural studies, different lifestyles, socializing, managing learning, telephone communication, professional E-mailing, comprehension training using authentic films, grammar, sentence structure, idiomatic phrases, Business English, communication and speaking skills	3
German (target level: A1)	Essential grammar and vocabulary needed for education and typical life situations, intercultural topics with a regional theme	3
› Additional Support		
Start Workshop + Coaching	Group dynamic exercises, peer consulting, determination of goals, exploring the environment, mentoring, introducing and implementing teams, get to know the university and students, social activities, living and studying in Vienna, self-reflection, counselling, non-judgemental support	2
Study Skills + Time Management	Time and self-management techniques, learning styles and learning strategies, stress management, working in groups and teams, learning environment, reading and understanding the content of different texts, complex texts, scientific work (basics)	2

Semester 2

Module Title	Contents	hrs/wk
› Field-related Subjects: Information Technologies and Telecommunication		
Fundamentals of Mathematics 2	Sets of numbers, elementary functions, rearranging equations, solving linear equations, vectors and matrices, linear algebra, geometry, trigonometry, sequences and series, differential calculus, integral calculus, basics of statistics, complex numbers	5
Introduction to Programming	Analyzing problems, extracting logical contexts from tasks, structure flows, basic algorithms and methods in software design, functions and concepts of programming languages	3
Fundamentals of Physics 2	Base units, derived units, distance and time measurements, mechanics, vibrations and waves, thermodynamics, electricity, optics, basics of atomic physics, nuclear physics and radioactivity	4
Practical Tasks	Lab assistance, excursions	3
› Field-related Subjects: Health Care and Nursing		
Introduction to Health Promotion and Prevention and Health Structures	Introduction to health concepts and theories, factors influencing health, health prevention, health promotion, Austrian health care system, professional positions, financing of health service in Austria and potential consequences for the nursing profession, demographic development of the Austrian populace	5
National and International Nursing History and Professional Development	Austrian and international history of nursing care from the 19th century to the current situation of professional nursing care, historical development of nursing diagnosis/processes, human rights and ethical thinking, international nursing history and development, influence of Florence Nightingale	3
Basics of Nursing Process and Theories	Definition of the nursing process, development of nursing science and theory, steps of the nursing process, aspects of conversations and documentation, terminology, examples of implemented care models in practice, use of nursing models, development of ritualized nursing action to evidence-based practice, principles of patient-centered communication	4
Communication in Special Situations	Communication with elderly people, symmetric versus asymmetric communication, autonomy versus care giving responsibilities, communication with care giving relatives, delivery of difficult messages, dying and death	3
› Field-related Subjects: Civil Engineering and Construction Management		
Fundamentals of Mathematics 2	Sets of numbers, elementary functions, rearranging equations, solving linear equations, vectors and matrices, linear algebra, geometry, trigonometry, sequences and series, differential calculus, integral calculus, basics of statistics, complex numbers	5
Descriptive Geometry 2	Basics of design theory, techniques, drafting buildings	2
Library of Construction Terminology 2	Building permission, tenders & public tenders, cost estimate, quotation, review of quotation, building process, handover of a facility, building life circle	2
Fundamentals of Physics 2	Base units, derived units, distance and time measurements, mechanics, vibrations and waves, thermodynamics, electricity, optics, basics of atomic physics, nuclear physics and radioactivity	4
Practical Tasks	Visiting current construction sites in Vienna, discussing various problems in groups, presenting solutions	2
› Language Skills		
English (target level: B2)	Presentation skills, project management, meetings, negotiations, technology today, sustainable energy sources	2
German (target level: A2)	Additional grammar and vocabulary, communication practice, intercultural topics with a regional theme	3
Writing Workshop	Academic writing skills: coherent text, summarizing, argumentation of content, structuring longer texts	2
› Additional Support		
Coaching	Self-reflection, counselling, non-judgemental support	3

Contact

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