Science
and Technology

University of
Applied Sciences
Krems | Austria

Bachelor

Informatics

Artificial intelligence | Data analytics | Software engineering
Enterprise technologies | Bioinformatics

www.imc.ac.at

What awaits you during your studies

Informatics

Our programme is your perfect choice if you like to play a creative role in shaping the ways in which you will live and work in the future or if your are interested in technology-related fields.

As a graduate, you will be an expert in the ways in which science and technology can help us to process information, translate it into knowledge and then make this knowledge accessible in the form of services. You can work as a software developer, data scientist and IT consultant, and develop human-computer interaction interfaces.

At a glance

Full-time
Courses take place from Monday to Friday (in exceptional cases on Saturdays).

English
The language of instruction is English. This prepares you for your international career in a multicultural environment.

6 semesters
The degree programme lasts 3 years, with a total workload of 180 ECTS. Graduates receive the academic degree of Bachelor of Science in Engineering (BSc).

22-week internship
You can quickly put into practice the expertise you have picked up during your courses. The internship is an obligatory part of the programme.

Study fee
EU/EEA citizens pay a study fee of EUR 363.36 per semester, plus the student union fee.

Did you know that …

.. the 22-week internship is an obligatory part of the programme? You can spend it in Austria or abroad, at a company or other type of organisation, at an educational or research institution.

Core areas | Full-time

SEMESTER I	SEMESTER II	SEMESTER III	SEMESTER IV	SEMESTER V	SEMESTER VI
WEB TECHNOLOGIES	DATABASE SYSTEMS	COMPUTER NETWORKS & OPERATING SYSTEMS	DISTRIBUTED SYSTEMS		DATA SCIENCE & EMERGING TECHNOLOGIES
INTRODUCTION TO SOFTWARE DEVELOPMENT	ADVANCED SOFTWARE DEVELOPMENT	SOFTWARE ENGINEERING & PROJECT MANAGEMENT	IT SECURITY & RISK MANAGEMENT		COMPUTER SCIENCE & SOCIETY
GENERAL BUSINESS ADMINISTRATION	THEORETICAL COMPUTER SCIENCE & LOGIC	LAW, ETHICS & CRITICAL ALGORITHM STUDIES	AI, MACHINE LEARNING & BIG DATA ANALYTICS	PRACTICAL TRAINING SEMESTER	RESEARCH & SCIENTIFIC WORKING
INTERCULTURAL COMPETENCIES	ALGORITHMS & DATA STRUCTURES	ADVANCED ALGORITHMS & DATA STRUCTURES	DATA VISUALISATION & PRESENTATION		SOCIAL SKILLS
APPLIED INFORMATICS	UI/UX DESIGN	RESEARCH METHODS	BACHELOR PROPOSAL PREPARATION		**ELECTIVE I:** BUSINESS PROCESS AND ENTERPRISE TECHNOLOGIES
MATHEMATICS & STATISTICS	ADVANCED MATHEMATICS	ADVANCED STATISTICS & DATA ANALYTICS	DATA SCIENCE CAPSTONE PROJECT		**ELECTIVE II:** BIOINFORMATICS

Subject to possible alterations

More details on the curriculum, courses, contact hours and ECTS (European Credit Transfer System) can be found on: www.imc.ac.at

Your professional fields and future areas of responsibility

Potential entry level positions include software development – front end, back end, web (for external or in-house clients), data science – data collection, cleansing, analysis and interpretation (for external or in-house clients), IT consulting – advising clients and adapting software solutions or business intelligence engineering – developing and operating ERP, DWH and BI systems (for and in companies).

IMC. It’s all in me.

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Accreditations

Memberships

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