DATA SCIENCE & INTELLIGENT ANALYTICS

MSc
Full-time

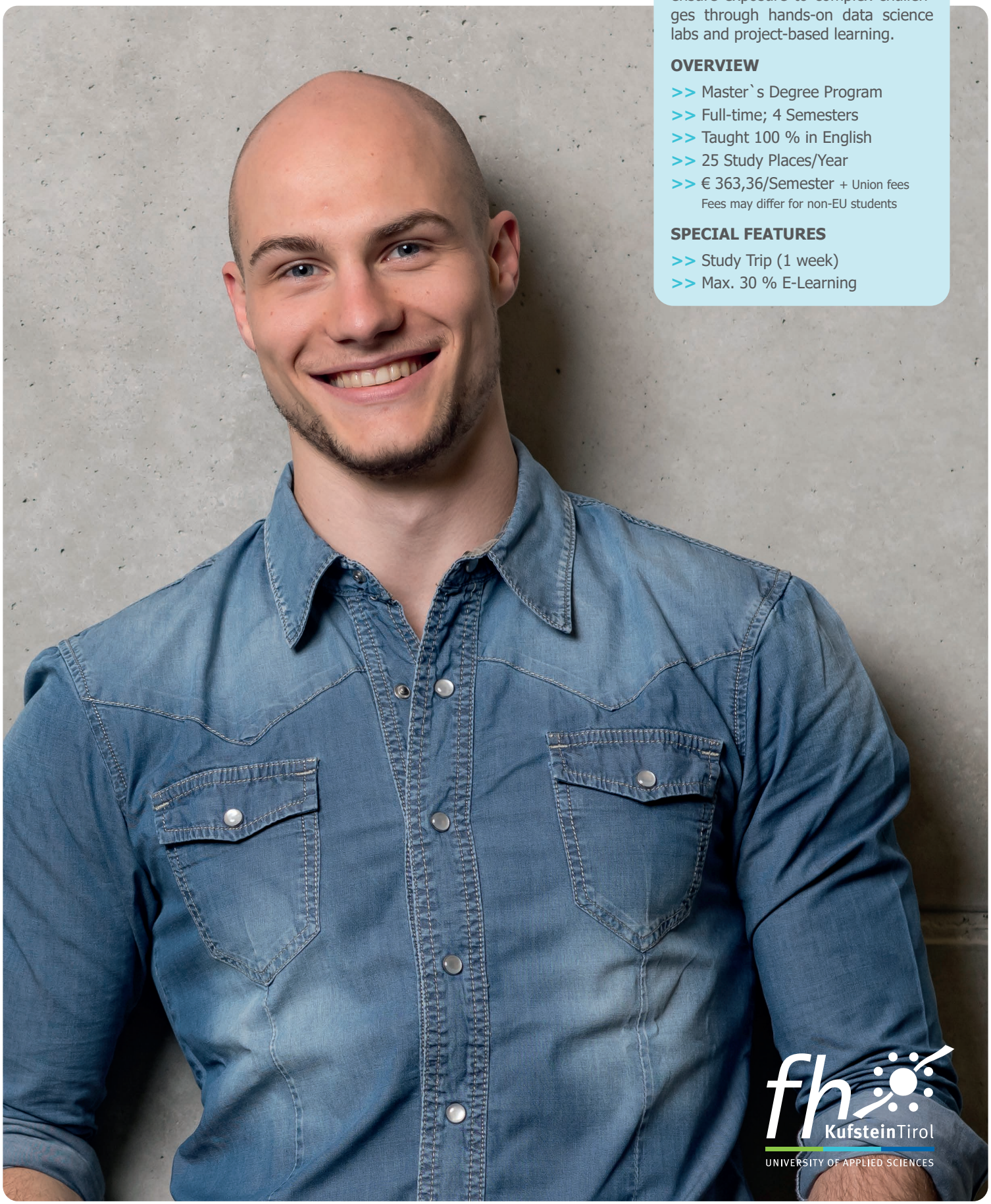
In this master's program, you will gain practical skills in data analysis, technology, business applications and innovative solution development. We ensure exposure to complex challenges through hands-on data science labs and project-based learning.

OVERVIEW

>> Master`s Degree Program
>> Full-time; 4 Semesters
>> Taught 100 % in English
>> 25 Study Places/Year
>> € 363,36/Semester + Union fees
Fees may differ for non-EU students

SPECIAL FEATURES

>> Study Trip (1 week)
>> Max. 30 % E-Learning



fh KufsteinTirol
UNIVERSITY OF APPLIED SCIENCES

DATA SCIENCE & INTELLIGENT ANALYTICS

MASTER'S DEGREE PROGRAM | MSc | FULL-TIME

Jul 2025

PROGRAM CONTENT

>> Software development in Python
>> Data Engineering with MySQL, MongoDB, Cassandra, Neo4J and others
>> Machine learning in Scikit-Learn, Tensorflow, PyTorch and others
>> Practical application & project management

POPULAR OCCUPATIONAL FIELDS

>> Big Data Application Developer
>> Data Engineer
>> Big Data & BI Consultant
>> Data Scientist
>> Big Data Analyst
>> Business Intelligence & Analytics Specialist

"I find the areas of data engineering and software development particularly interesting, as this knowledge makes my day-to-day work much easier."

Victoria Petermaier, MSc
Graduate

CURRICULUM

	SEMESTER	1	2	3	4
	ECTS Credits*	**30**	**30**	**30**	**30**
	COURSES				
DATA SCIENCE & ENGINEERING	Data Engineering & Lab	9			
	Software Development & Lab I, II	8.5	8.5		
	Statistical Learning & Lab I, II	8.5	8.5		
	Machine Learning & Deep Learning		10		
	Big Data Processing			4	
	No-Code & Low-Code Analysis Platforms			4	
	Data Visualization & Visual Analytics			4	
	Artificial Intelligence			4	
	Data Science for Business & Commerce			4	
	Data Science for Engineering & Natural Sciences			4	
	Trends in Data Science				3
MANAGEMENT	Leadership, Team & Project Management	2			
	Systemic Innovation	2			
	Ethics, Compliance & Legal Regulations				3
INT.	**Study Trip**		3		
PRACTICAL TRANSFER	Integrated Application Project			4	
	Research Methods & Methodology			2	
	Master's Thesis Colloquium				2
	Master's Thesis				22

* ECTS: European Credit Transfer System, amount of work for students per lecture (1 ECTS = 25 h.).

FH Kufstein Tirol | Andreas Hofer-Straße 7, 6330 Kufstein, Austria | Tel. +43 5372 71819 | info@fh-kufstein.ac.at | www.fh-kufstein.ac.at

fh KufsteinTirol
UNIVERSITY OF APPLIED SCIENCES