DATA SCIENCE & INTELLIGENT ANALYTICS*

COURSE TITLE	SEMESTER 1 ECTS	2 ECTS	3 ECTS	4 ECTS
SOFTWARE DEVELOPMENT, MACHINE LEARNING & DATA 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	
Trends in Data Science				3
MANAGEMENT				
Leadership, Team & Project Management	2			
Systemic Innovation	2			
Data Science for Business & Commerce			4	
Data Science for Engineering & Natural Sciences			4	
Ethics, Compliance & Legal Regulations				3
INTL.				
Study Trip		3		
PRACTICAL TRANSFER				
Integrated Application Project			4	
Research Methods & Methodology			2	
Master Thesis				22
Master Thesis Colloquium				2
ECTS CREDITS**	30	30	30	30

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

DATA SCIENCE & INTELLIGENT ANALYTICS*

MSc

// MASTER
// DEGREE PROGRAM
// FULL-TIME

*Start subject to acceditation by the AQ Austria

eLEARNING min. 30% ONLINE JOB-FRIENDLY

FULL-TIME MONDAY TILL FRIDAY

STUDY TRIP INCLUDED

ENGLISH 100%

fh KufsteinTirol
UNIVERSITY OF APPLIED SCIENCES

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HIGHLIGHTS

>> Top career opportunities through the combination of technical expertise and application knowledge

>> Training with real data and the latest tools

>> Practice-oriented knowledge in visual analytics, big data processing, machine learning and business intelligence

>> Focussed skills in leadership, project management, innovative business models and business ethics

AdobeStock.NicoElNino

JOB OPPORTUNITIES

>> Big Data Application Developer
>> Data Engineer
>> Big Data & Business Intelligence Consultant
>> Data Scientist
>> Manager fpr Data Science Teams
>> Big Data Analyst
>> Specialist for Business Intelligence & Analytics

"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

FEATURES OF THE MASTER DEGREE PROGRAMS

We support students with a sense of responsibility and ethics in realizing and developing their potential.

Social skills
From perfecting your presentation skills to management qualities.

Practical experience & projects
Obtaining experience in analytical and practical application of the skills and knowledge you have acquired, through case studies and projects commissioned by companies.

International aspect
English-language specialist courses, international teaching staff and study trips abroad.

Individual aspect
Personal and individual student support as well as personalization of the program through electives.

Additional qualifications
Optional integrated specialist certification and postgraduate program.

DATA SCIENCE & INTELLIGENT ANALYTICS* >> DSIA

FULL-TIME

eLEARNING min. 30% ONLINE *JOB-FRIENDLY*

Interdisciplinary and application-oriented. Our full-time Master's degree program in Data Science & Intelligent Analytics equips you with the skills to leverage data streams effectively. Become an expert in making data-driven decisions!

Dive into the world of data science and intelligent analytics and learn to analyze complex data sets to extract valuable insights for your organization. Be at the forefront of shaping the future of data utilization in businesses!

This Master's degree program integrates computer science, statistics, mathematics, and related application disciplines. Graduates 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. The program covers the entire value chain, from raw data to cross-functional roles to business success.

FACTS

ORGANIZATIONAL FORM
Full-time

PLACES PER YEAR 25

APPLICATION MODE
Online application, documents must be uploaded

DURATION
4 semesters

DEGREE OBTAINED
Master of Science in Engineering (MSc)

LANGUAGE OF INSTRUCTION
100 % English

STUDY ABROAD
Integrated international study trip in the 2nd semester

FEES
Euro 363,36 per Semester (excl. Student Union Fees)
Third country students: www.fh-kufstein.ac.at/thirdcountrystudents

ENTRANCE REQUIREMENTS
refer to www.fh-kufstein.ac.at/admission

"We train data scientists to understand their craft from collecting, storing and analyzing data to using it. Graduates are therefore able to further develop intelligent solutions for companies."

Prof. (FH) Lukas Demetz, PhD
Interim. Director of Studies

More about the didactic concept and key qualifications under:
FH-KUFSTEIN.AC.AT/DSIAVZ

ANY QUESTIONS?
WE ARE HERE TO HELP YOU.

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www.fh-kufstein.ac.at