



**STUDY DATA
SCIENCE
AT UITM AND PAVE
THE WAY FOR
A SUCCESSFUL
CAREER IN THE
TECHNOLOGY
SECTOR.**

**STUDY WITH US TO
LEARN HOW TO APPLY
THEORETICAL DATA
SCIENCE KNOWLEDGE
TO SOLVE REAL WORLD
PROBLEMS IN THE FIELD
OF BUSINESS AND
SERVICES.**

**UNIVERSITY of INFORMATION
TECHNOLOGY and MANAGEMENT**
in Rzeszow, POLAND



6 REASONS TO STUDY DATA SCIENCE

- Learn cutting-edge technologies
- Build a skill set that is in high demand. Data Science is one of the top paid technology jobs in the sector
- Learn technical skills to become part of an ever-evolving field – Data Science experts are needed in almost all fields
- Opportunity to work with big brands like Google, Facebook, LinkedIn, Amazon, Twitter, Uber as well as exciting startups and many more
- Data scientists work from home, any place, any time zone
- Gain access to software and technologies from Microsoft, Oracle, Google, Cisco, Apple and others

NAME OF THE PROGRAMME: MASTER OF SCIENCE IN DATA SCIENCE

MAJOR: Information Technology

STUDY DURATION: 2 years (4 semesters)

LANGUAGE OF INSTRUCTION: English

STUDY MODES: Full-time

WINTER INTAKE: Recruitment starts April 26th 2021 and will last until 30th October 2021

SEMESTER STARTS: November 11th, 2021

TUITION FEE: EUR 2250 per semester (EUR 4500 payable upfront for the first year of study)

THE APPLICATION FEE: The application fee including postage of the original documents (non-refundable) EUR 200

APPLY HERE: [LINK](#)

ABOUT THE PROGRAMME

The Master of Science (MSc) in Data Science aims to introduce you to the methods, techniques and tools that enable you to extract valuable insights from data and turn them into practical knowledge. Graduates are professionals who are well prepared in such areas as quantitative methods (e.g. Statistics for Data Science), Data Science Programming Languages (R, Python), Data Mining and Machine Learning algorithms as well as the newest environments for data storage, data analytics, and visualization. You will also gain knowledge of a range of concepts such as computational thinking, problem-solving, programming, data visualization and project management. Thanks to this, graduates can easily follow the whole Data Science Process from formulating the right questions to data in the context of a problem that is being solved, through data preparation, analysis (models building, verification, and validation), visualization of insights, and presentation of findings. PCAP– Python Certified Associate Programmer and Microsoft's MCSE: Data Management and Analytics certificates are also available in the program. Our teaching staff are practitioners and experts who are already successfully working in the industry.

TEACHING AND LEARNING

The programme focuses on a practical approach to teaching, reflected in the practice-oriented coursework. Active student learning in the form of laboratories, seminars, workshops and problem-based projects are designed to engage your interest and enable you to become autonomous and continuous learners. Assessment methods include projects, reports, presentations, skill tests, as well as time-keyed in-class tests and exams. Classes are held on weekdays in small cohorts to ensure that you receive the full support to get the best out of the programme and increase the effectiveness of the educational process.



PROGRAMME STRUCTURE

YEAR 1

- English language
- Health and Safety while studying
- Research Methodology
- Team management
- Discrete Mathematics
- Sociology
- Computational Intelligence
- Monographic Lecture
- Business Analysis
- Computational methods in science and technology
- IT Systems Engineering
- E-services Infrastructure
- Data Science Programming Languages
- Vocational Apprenticeship
- Foreign Language: Polish

YEAR 2

- Monographic Lecture
- Team Project
- Elective Course 1
- Elective Course 2
- Machine Learning & Data Mining
- Data Visualization
- Databases for Big Data
- Cloud solutions for Data Science
- Diploma Seminar
- Vocational Apprenticeship

CAREER OPPORTUNITIES

THE MSC IN DATA SCIENCE WILL ENABLE YOU TO TAKE A HUGE STEP TOWARDS FINDING YOUR DREAM IT JOB, FOR EXAMPLE:

- Business Analyst
- Data Analyst
- Data Modeler
- Data Scientist
- Analytics Manager
- Data Systems Developer

ENTRY REQUIREMENTS

- Secondary School certificate (original document and sworn translation into English or Polish) with Apostille or legalized by the Polish Embassy (check the list of members of the Hague Convention Abolishing the Requirement of Legalisation for Foreign Public Documents).
- Bachelor's Diploma in Information Technology, Computer Science, Cyber Security, or a related field (original copy and sworn translation into English or Polish) with Apostille or legalized by the Polish Embassy (see the complete list of members of the Hague Convention Abolishing the Requirement of Legalisation for Foreign Public Documents).
- Transcript of Records (original copy and sworn translation into English or Polish) with Apostille or legalized by the Polish Embassy.
- English Certificate (which confirms knowledge of the English language at B2 level or higher in accordance with the Common European Framework).



ABOUT UITM



Quality Education

affordable tuition fees



Diploma

recognised worldwide



Cisco, Apple, Microsoft

training programmes



Cisco Networking Academy, 4 Prime, BorgWarner, TÜV NORD Polska

strategic business partners for each programme



Prestigious Certificates

free for our best students



Internship at

International Companies



Great job opportunities

in global industries



Mobility

with EU Universities



Internationalisation

students from 50 countries



Unique students experience

in Europe