



IU International

MASTER (M.SC.)

BUSINESS INTELLIGENCE

Database administration, business intelligence and reporting services are still among the IT trends of the coming years, not least because they support companies in making data-driven decisions in order to be prepared for the future. The master's degree in Business Intelligence offers a well-rounded and, at the same time, specialised training in business intelligence and qualifies graduates to take on responsibility in processing, storing and visualizing company-specific data.



Degree

Master of Science (M.Sc.)



Study start

60 ECTS: 1st September 2023*

120 ECTS: 1st March 2023*

Afterwards: Anytime



Study model

Online



Duration

60 ECTS: 12, 18 or 24 months

120 ECTS: 24, 36 or 48 months



Credits

60 or 120 ECTS



Fees

From €95 per month (120 ECTS)

*This programme is still in the process of accreditation and recognition. We expect approval from the relevant ministry by the programme's official start date. So far, all IU programmes have been accredited and approved successfully and on time.

Study Content (60 or 120 ECTS)

| MODULE TITLE | SEMESTER | CREDITS (ECTS) |
|---|----------|----------------|
| 60 ECTS | | |
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| Concepts in Data Management | 1 | 5 ECTS |
| Database Concepts and Technologies | | 5 ECTS |
| Big Data Technologies | | 5 ECTS |
| Data Warehousing, Pipelines and Orchestration | | 5 ECTS |
| Managing Data Projects | | 5 ECTS |
| Advanced Research Methods | | 5 ECTS |
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| Seminar: Cloud Providers and Services | 2 | 5 ECTS |
| Electives A | | 10 ECTS |
| Master Thesis & Colloquium | | 15 ECTS |
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| 120 ECTS | | |
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| Concepts in Data Management | 1 | 5 ECTS |
| Database Concepts and Technologies | | 5 ECTS |
| Data Query Languages | | 5 ECTS |
| NoSQL Databases | | 5 ECTS |
| Seminar: Ethic & Societal Considerations in Data Management | | 5 ECTS |
| Advanced Research Methods | | 5 ECTS |
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| Data Engineering | 2 | 5 ECTS |
| Big Data Technologies | | 5 ECTS |
| Data Warehousing, Pipelines and Orchestration | | 5 ECTS |
| Managing Data Projects | | 5 ECTS |
| Seminar: Cloud Providers and Services | | 5 ECTS |
| Project: Data Engineering | | 5 ECTS |
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| Programming with Python | 3 | 5 ECTS |
| Project: Data Analysis in the Cloud | | 5 ECTS |
| Electives A | | 10 ECTS |
| Electives B | | 10 ECTS |
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| Master Thesis & Colloquium | 4 | 15 ECTS |

CHOOSE YOUR ELECTIVES

Choose one elective from

“Electives A” list:

- Business Analyst
- Data Manager for Internet of Things
- Data Miner
- Data Scientist
- Data Security & Protection Specialist
- Master Data Manager
- Process Management and Operational Application Systems
- Technical Project Lead

Choose one elective from

“Electives A” list:

- Business Analyst
- Data Manager for Internet of Things
- Data Miner
- Data Scientist
- Data Security & Protection Specialist
- Master Data Manager
- Process Management and Operational Application Systems
- Technical Project Lead

Choose one elective from

“Electives B” list:

- Business Analyst
- Data Manager for Internet of Things
- Data Miner
- Data Scientist
- Data Security & Protection Specialist
- Master Data Manager
- Process Management and Operational Application Systems
- Technical Project Lead