MASTER OF SCIENCE BIG DATA & BUSINESS ANALYTICS - ONLINE

Study programme:

Master of Science Big Data & Business Analytics

STRANGE STRANG

Why study Master of Science Big Data & Business Analytics?

The increasing amount and variety of available data holds huge opportunities for companies. At the same time, however, it also presents them with the challenge of dealing with this growing capital in a targeted and innovative way and using the data to their own competitive advantage. Therefore, there is a great need for big data analysts.

Big Data specialists take a wide range from logic and quantitative methods to programming languages, frameworks and infrastructures to the interpretation and implementation of the results in business processes.

In the Master's programme Big Data & Business Analytics, you will learn to analyse and evaluate large and heterogeneous data sets and to use them in a business context. You will acquire analytical skills to derive models for different tasks from data sets, which you can use specifically for predictions or optimisations, for example in marketing, sales and business development.

As a graduate, you are specialised for specialist and management positions at the interface between IT and management, e.g. as a Big Data Manager, Data Analyst or Business Development Manager.



Online



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Studying Online

Borders are hardly relevant any more - neither for teaching nor for you and your fellow students, who can connect and join in discussions from anywhere. The online study programs are for students who do not want to leave their home country but still seek for an international degree. Since these programs are part time, students can continue to follow their (professional) life at home.

The basis of FOM's digital live studies are fixed-schedule courses in the form of interactive live broadcasts. The live lectures consist of a mixture of theoretical knowledge transfer and practical elements, such as exercises or case studies. In order to deepen the theoretical knowledge and apply it practically, the students work on questions and exercises, for example in breakout sessions.



FOM University

FOM University was founded in 1991 at the initiative of the non-profit "Stiftung BildungsCentrum der Wirtschaft" (Foundation for the Centre of Education for Trade and Industry). With more than 50,000 students on 35 campuses in Germany, FOM is one of the largest universities in Europe. Focus of the university is to provide students with practice-oriented higher education to promote knowledge transfer between the university and business.

FOM works extensively with German companies of different scales and major international corporations. Its integral connections with over 10,000 cooperation partners across all sectors of the economy offer exclusive study opportunities to combine academic studies and professional improvement through unique learning experience. Parallel to the traditional on-campus study format, FOM expands its digital landscape through the innovative "Digital Live Study", offering worldwide accessible interactive lectures broadcast live from the state-of-the-art, multifunctional high-tech studios to provide students with maximum flexibility. FOM is where the transfer between theory and practice takes place – in both traditional and digital ways.

KEY FACTS

- **Language** English
- **Time model** Part-time (afternoon/evenings)
- **Duration** 5 semesters including thesis
- **Place of study** Online
- Credit Points 120 ECTS
- Fees

Registration fee: 1.580 €, Tuition fee: 13.570 €, Examination fee: 350 €, **Total cost: 15.500 €**

- **Degree** Master of Science (M. Sc.)
- Admission requirements
 - University degree (Bachelor) with a share of at least 60 credit points in (business) informatics modules or with a share of at least 60 credit points from subject-related modules (e.g. mathematics, statistics) or with successful completion of an admission examination
 - English language proficiency B2
 - Current employment

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