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| 1. | Study programme title | **Big Data – Data Science, Analytics and Technologies** |
| 2. | Number of available places | 40  |
| 3. | Short description of the programme | The aim of the program is to provide* knowledge on the design of efficient and robust models for statistical analysis of data
* skills in designing, implementing and using data mining algorithms
* skills in using technologies for big data processing and in implementing scalable applications.
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| 4. | Main subjects  | * Big Data Technologies, Data Warehouses, Cloud Computing
* Data Mining, Machine Learning, Data Analysis and Programming in R
* Probabilistic Models for Data Science, Predictive Models and Analytics, Optimization, Biostatistics,
* Text Mining, Computer Vision, Metaheuristic Algorithms
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| 5. | Student profile- what/whom are we looking for? | The target group consists of graduates of various undergraduate programs* Informatics/Computer Science, Mathematics and informatics, Mathematics, Applied Mathematics, Economics
* Computer Engineering, Information Technology

as well as other programs on scientific or engineering fields.The candidate should have good programming skills and basic knowledge in mathematics, particularly statistics |
| 6. | Career impact and other relevant details | The graduates can apply for various positions related to data science and analytics:* (Big) Data Scientist
* (Big) Data Analyst
* (Big) Data Engineer
* (Big) Data Architect
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