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Regulations for the implementation of the **selection process** of the
Master of Science in
Operations Research and Business Analytics
at the **Faculty of Economics and Management** at
Otto von Guericke University Magdeburg
from 16.05.2022

Pursuant to § 13 paragraph 1 sentence 1 of the Higher Education Act of the State of Saxony-Anhalt in the publicized version from 01 July 2021 (GVBl. LSA 2021, 368, 369) Otto von Guericke University Magdeburg has enacted the following regulations:

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§ 1

Scope

These regulations define the admission procedure for the locally restricted Master's program in Operations Research and Business Analytics (ORBA) at Otto von Guericke University Magdeburg.

§ 2

Deadline; Application

The completed application for admission or the completed online application must be received by the Department of Academic Affairs at Otto von Guericke University by **15 July** of the year in question (cut-off date). The certified copy of the admission qualification for the Master's degree program or the proof of existing credits achieved (complete transcript of records) as well as other documents required as per the admission requirements for the

study program (e.g. the letter of motivation and proof of English language skills) are also to be submitted to the respective authority, as previously noted above, by the aforementioned deadline.

§ 3

Selection Process

- (1) The selection process is undertaken by the Faculty in accordance with the stipulations of the University Procurement Regulations of the State of Saxony–Anhalt. To partake in the selection process, candidates must have applied for a study degree place by the required deadline and in due form; meeting the requirements of § 4 of the Study and Examination Regulations, which governs admission to the program.
- (2) Due to the international nature of the program, 50% of the places are awarded to foreign applicants. If insufficient applications have been submitted by the deadline by foreign or domestic candidates respectively, then the remaining places will be awarded according to candidates from the other group.
- (3) Initially, a list of candidates will be drawn up from the applications submitted in due form and by the deadline. Whether or not an applicant is included in the list depends on the relevance of their previous course of study or the course of study for which a full transcript of records has been provided. If the course is relevant and the applicant meets the admission requirements set out in the applicable Study and Examination Regulations, then they will be included in the list of candidates.
- (4) For applicants included in the list of candidates, the selection committee will draw up ranking lists of German and foreign applicants respectively, based on the selection criteria set out in § 4.

§ 4

Establishment of the Ranking List for the Selection Process

- (1) The ranking list organized based on points that are awarded using the following criteria. Candidates may be awarded a maximum of 90 points
 1. Grading of the previous performance in a relevant course of studies; calculation of the points from a completed program using the following formula: $30 - (\text{final grade} - 1.0) \times 10$; calculation of the points where the study program is not yet complete using the following formula: $30 - (\text{average grade} - 1.0) \times 10$
 2. Grading of performance in four subjects from the field of quantitative methodology (e.g. statistics, mathematics, operations research, and econometrics). If students are able to demonstrate capability in more than four quantitative methodology subjects, those subjects with the best grades will be used as the basis for assessment [maximum 30 points].

3. Quality of the letter of motivation in terms of methodical presentation of the Bachelor's thesis or ORBA-based career goals [maximum 20 points].
 4. Relevant work experience or internships in the areas of data sciences, business analytics, financial management, or supply chain management [maximum of 10 points].
- (2) Where candidates are ranked equally, the provisions of the HVVO–LSA are to be applied.

§ 5

Completion of the Selection Process

- (1) The selection process has been completed when:
 - The reserve lists have been depleted
 - All available study places have been filled through enrollment
- (2) The selection process shall be completed if further implementation no longer seems to be reasonable with regard to the number of study places still available, or the commencement of lectures.

§ 6

Enactment

These regulations shall enter into effect on the date of their publication in the official announcements of Otto von Guericke University Magdeburg.

Issued by resolutions of the Faculty Council of the Faculty of Economics and Management dated April 06, 2022 and the Senate of Otto von Guericke University Magdeburg dated April 27, 2022 and authorized by the President of Otto von Guericke University Magdeburg.

Magdeburg, 09.05.2022

Prof. Dr.–Ing. Jens Strackeljan
Rektor
der Otto–von–Guericke–Universität Magdeburg

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