Module title
Operations Research for students of other subjects

Abbreviation
10-M-ORSaf-152-m01

Module coordinator
Dean of Studies Mathematik (Mathematics)

Module offered by
Institute of Mathematics

ECTS
10

Method of grading
numerical grade

Only after succ. compl. of module(s)
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Duration
1 semester

Module level
undergraduate

Other prerequisites
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Contents
Linear programming, duality theory, transport problems, integral linear programming, graph theoretic problems.

Intended learning outcomes
The student is acquainted with the fundamental methods in operations research, as required as a central tool for solving many practical problems especially in economics. He/She is able to apply these methods to practical problems, both theoretically and numerically.

Courses
V (4) + Ü (2)

Method of assessment
a) written examination (approx. 90 to 180 minutes, usually chosen) or b) oral examination of one candidate each (15 to 30 minutes) or c) oral examination in groups (groups of 2, 10 to 15 minutes per candidate)

Assessment offered: In the semester in which the course is offered and in the subsequent semester

Language of assessment: German and/or English

creditable for bonus

Allocation of places
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Additional information
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Referred to in LPO I (examination regulations for teaching-degree programmes)

Module appears in
Bachelor’ degree (1 major) Computer Science (2015)
Master’s degree (1 major) Physics (2016)
Bachelor’ degree (1 major) Computer Science (2017)
Bachelor’ degree (1 major) Computer Science (2019)