

Main Seminar in Information Systems: Operations Management Winter Term 2024 / 2025

Course Description:

Operations management (OM) is a discipline that focuses on the efficient and effective design, operation, and improvement of production systems and processes in organizations. It encompasses the planning, coordination, and control of resources such as labor, materials, and technology to create goods or deliver services. By integrating analytical tools with strategic decision-making, operations management enables businesses to adapt to changing environments and meet customer demands efficiently.

Each student is given a topic based on one or more contemporary articles published in top-tier OM journals. The task is to understand the methods presented in the articles and present it to the audience in an approximately 20 minute presentation. The weekly presentations are followed by extensive discussions about the respective topics.

Target Group:

This Seminar specifically addresses students from all IMP disciplines, as well as in the M.Sc. Economics and M.Sc. VWL programs. There are no formal prerequisites. Students should have a basic understanding of math and optimization techniques.

Registration:

Deadline: October 11 (end of day), 2024

Application via email to bernhard.lutz@is.uni-freiburg.de. **Make sure that the following information is provided:**

- Last name, first name
- Matriculation number (Matrikelnummer)
- Transcript of records
- Attended lectures and seminars at our chair and grade obtained
- Study program, semester
- Short description of experience level in Python or R

Response whether application was successful will be sent out shortly after the registration deadline

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Organization:

Weekly meetings: Wednesdays, 10am ct, room 02-012, Rempartstr. 16
First meeting: October 23, 2024
Oral exams: February 5, 2025, rooms to be announced

Weekly Consultation Hours:

Wednesdays 4pm ct, room to be determined
First date: October 30, 2024

Communication:

Communication is done via email. All materials are provided on Ilias.

Topics:

Exact topics along with hints on literature will be announced at a later point.

Policies and Procedures:

Grading: Own presentation (33%), participation in discussion (33%), and oral exam (33%).

Presence is mandatory in all meetings. Students are allowed to be missing once without providing an excuse.

ECTS: 6

Credit points are applicable to:

M.Sc. BWL PNPM: Allgemeine BWL, Wirtschaftsinformatik
M.Sc. VWL (2011): BWL, Wirtschaftsinformatik
M.Sc. VWL (2014): Business Analytics
M.Sc. Economics: Elective in Information Systems and Network Economics profile
M.Sc. Computer Science: Wahlmodule BWL und VWL

Chair:

Prof. Dr. Dirk Neumann
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