Course: Management information, Finance and Research — credits: 5

Course code	IFVB25MFR
Name	Management information, Finance and Research
Study year	2026-2027
ECTS credits	5
Language	English
Coordinator	J. Krips
Modes of delivery	Tutorial
Assessments	Management information, Finance and Research - Portfolio assessment Oral exam - Oral

Learning outcomes

Management information, Finance and Research

The student is introduced to the financial reporting of an organisation and can assess the financial structure, knows the added value of (automated) (Facility) Management Information Systems and goes through the research cycle, from the research question, to the development of a measuring instrument, data collection in the field, to the analysis of the results, using quantitative or qualitative research methods, such as a survey or interviews. The related learning outcomes are:

The student:

1. (Finance) defines the concept of 'life cycle' of building-related installations and quantifies the associated life cycle costs.
2. (Finance) quantifies on the basis of a circular building both the benefits and burdens of this building and translates this into an investment budget and an operating budget'.
3. (Finance) calculates the added value of investments in a healthy, sustainable and hospitable building, assesses these and provides insight into the financial consequences for the operation.
4. (Management Information) analyses information collected by smart buildings (e.g. from building management systems and sensors) regarding the health of users, sustainability of the building and hospitality, and derives from this the actual building performance.
5. (Research) transforms theory about the topic to be researched (e.g. theory and literature about the project) into a feasible research question.
6. (Research) converts the research question into a measuring instrument with measurable survey or interview questions and collects and analyses data by means of the measuring instrument (10%).
7. (Research) evaluates at the end of a research project the measures that contribute to the five evaluation or quality criteria, construct validity, internal and external validity, reliability and usefulness.

Content

The student is introduced to the financial reporting of an organisation and can assess the financial structure, knows in broad terms the added value of (computerised) (Facility) Management Information Systems and goes through the research cycle, from the research question, to the development of a measurement instrument, the data collection in the field, to the analysis of the results, with quantitative or qualitative research methods, such as, for example, a survey or interviews.

Included in programme(s)

Facility Management, major International Facility Management
International Facility Management exchange programme

School(s)

Arts, Design & Built Environment

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