Course Specifications
Valid as from the academic year 2019-2020

Research Methods in Management and IT (F710326)

Course

Lecturers in academic year 2019-2020
Van Looy, Amy
EB24 lecturer-in-charge

Course offerings and teaching methods in academic year 2019-2020
A (semester 1) Dutch
- seminar: coached exercises 5.0 h
- guided self-study 2.5 h
- lecture 7.5 h
- practicum 15.0 h

Offered in the following programmes in 2019-2020
- Master of Science in Teaching in Economics (main subject Business Administration) 3 A
- Master of Science in Business Administration (main subject Management and IT) 3 A

Teaching languages
Dutch

Keywords
- Information systems research methods
- IT management research
- Design-science paradigm
- Behavioral-science paradigm
- Artifact building and testing
- Theory building and testing

Position of the course
This course enhances the research awareness that students have developed in introductory courses on research methods and bachelor thesis. It aims at providing in-depth knowledge and skills concerning the specific research methods in management and IT, and particularly deals with qualitative, quantitative and design-science research methods.

For this purpose, the students will study and critically examine published papers in which the various methodologies have been employed in the domain of management and IT. The students will also learn how to plan, carry out and report on a domain-specific research project.

Contents
The course consists of two blocks.
- The first block consists of interactive sessions and class room discussions to provide an overview of specific research methods in the domain of management and IT. This block is supplemented by a mandatory reader with methodological papers to prepare for the sessions and discussions (self-study).
- The second block consists of a research project where the students apply a selected research method, under the supervision of a lecturer. Experiences are discussed in class. The deliverable is a paper, written in accordance with scientific requirements.

Initial competences
- The students must meet the admission requirements of the Master program in which this course is situated.

Course size (nominal values; actual values may depend on programme)
Credits 3.0
Study time 90 h
Contact hrs 30.0 h

Contact hrs
Study time 90 h
Credits 3.0

Offering

(Approved)
• Basic knowledge of IT (information) management is recommended.
• Knowledge of qualitative and quantitative research methods is highly recommended.

Final competences
1 Identify the methodological techniques within the domain of management and IT.
2 Identify information and data sources within the domain of management and IT.
3 Identify solutions to business challenges within the domain of management and IT by analyzing and synthesizing academic sources.
4 Assess the relevance of research studies within the domain of management and IT.
5 Design and execute research within the domain of management and IT.
6 Critically interpret the results of own or existing research.
7 Translate research results in practical recommendations.

Conditions for credit contract
Access to this course unit via a credit contract is determined after successful competences assessment

Conditions for exam contract
This course unit cannot be taken via an exam contract

Teaching methods
Guided self-study, lecture, practicum, seminar: coached exercises

Extra information on the teaching methods
It is required to attend the sessions.

Learning materials and price
Mandatory literature (Ufora):
• Slides
• Reader

References

Course content-related study coaching
Students have the opportunity to ask questions during the sessions, by e-mail, or during an individual appointment.

Evaluation methods
continuous assessment

Examination methods in case of periodic evaluation during the first examination period

Examination methods in case of periodic evaluation during the second examination period

Examination methods in case of permanent evaluation
Open book examination, assignment

Possibilities of retake in case of permanent evaluation
examination during the second examination period is possible

Extra information on the examination methods
First examination period:
• Open book exam (circa week 4-5, to prepare for the project): 20 multiple choice questions with 4 answer options each ("standard setting").
• Research project in small groups (circa week 12).
A within-group peer evaluation is possible upon request.

Second examination period:
• Open book exam: 20 multiple choice questions.
• Redo the research project individually.

Calculation of the examination mark