Course Specifications
Valid as from the academic year 2018-2019

Course

Credits 3.0
Study time 90 h
Contact hrs 25.0 h

Course offerings and teaching methods in academic year 2018-2019

A (semester 1) Dutch seminar 2.5 h
lecture 18.0 h
group work 4.5 h

Lecturers in academic year 2018-2019

Poels, Geert
EB24 lecturer-in-charge

Offered in the following programmes in 2018-2019

Master of Science in Business Administration (main subject Commercial Management) 3 A
Master of Science in Business Administration (main subject Finance and Risk Management) 3 A
Master of Science in Business Administration (main subject HRM and Organizational Management) 3 A
Master of Science in Business Administration (main subject Management and IT) 3 A
Master of Science in Business Administration (main subject Taxation) 3 A

Teaching languages
Dutch, English

Keywords
IT Management, Business/IT Alignment, Enterprise Modeling, Disruptive impact of IT

Position of the course

This specialist course concerns the management of the implementation of ICT systems in organisations. We approach our study taking the perspective of a business administration professional with the knowledge and expertise regarding information systems and ICT that is required to mediate between business managers and internal IT professionals or external IT providers. The primary goal of this mediating function is ensuring value creation through the (innovative) use of ICT and the creation of the necessary condition for such value creation, i.e., the alignment of ICT-based systems with the other aspects of the business, e.g., business strategy, the business model, the enterprise architecture, the performance management system, the business processes, projects, etc. The course deals with practical handles and instruments of IT governance and enterprise modelling that help realising business/IT alignment and the resulting value creation.

Contents

The three parts of the course address following topics:
1. Conceptual framework of IT Management — the core concept of business/IT alignment
2. The value of IT for organisations — the disruptive impact of IT on business models and business processes
3. Enterprise modelling — conceptual analysis of the value / utility of IT for organisations
3.1 goal modelling
3.2 value modelling & business model representation
3.3 capability modelling & services modelling
Initial competences

The student knows the basic concepts and technologies used in automated business information systems.

Final competences

1. An advanced knowledge of the concepts framework related to IT Management.
2. Knowledge, understanding and insight into the various aspects of IT Management covered in the course.
3. The ability to apply this to a practical situation, for example by means of a case study, and to communicate about it in a clear and articulate manner.
4. The ability to critically analyze and interpret literature related to IT Management.
5. The ability to participate and contribute to a business discussion on IT Management in an organization.
6. The ability to reflect on issues that arise during the development and management of information services within an organization and the ability to translate that reflection into the development of adequate solutions.
7. The capacity to assess information resources management.

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

- Group work
- Lecture
- Seminar

Extra information on the teaching methods

- Lectures for transfer of knowledge of concepts, models, methods and techniques. Apart from the classical lecture, teaching methods like flipped classroom, online voting systems, and case-studies are used.
- Seminars for acquiring expertise regarding the use of the concepts, models, methods and techniques discussed during the lectures.
- Group work and student presentations for a self-chosen topic with respect to the implementation of ICT in organizations, researched using the analytical framework of the course.

Learning materials and price

- Own course syllabus with slides and lecture notes (MINERVA)
- A reader with papers, manuals, professional standards, reports, etc.

References

The reader with papers and references to relevant academic literature and research studies (including research of the UGentMIS group) can be downloaded from MINERVA.

Course content-related study coaching

Via MINERVA: Forum, Student Publications, Dropbox

Individual tutoring is possible.

Evaluation methods

- end-of-term evaluation and continuous assessment

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

- Open book examination

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

- Open book examination

Examination methods in case of permanent evaluation

- Oral examination

Possibilities of retake in case of permanent evaluation

- Examination during the second examination period is possible in modified form

Extra information on the examination methods

- End-of-term evaluation: open book exam with multiple choice questions and open questions
- Permanent evaluation: presentation of a self-chosen topic with respect to the implementation of ICT in organisations, researched using the analytical framework of the course.
Calculation of the examination mark

- end-of-term evaluation: 80% of the final grade;
- permanent evaluation: 20% of the final grade.