## Module Description

### General Information:
- **Module number:** -
- **Title (dt.):** IT-Portfoliomanagement
- **Title (en.):** IT Portfolio Management
- **Module level:** Master
- **Abbreviation:** ITPM
- **Subtitle:** -
- **Duration:** One semester
- **Occurrence - summer/winter:** Summer
- **Occurrence - regular/irregular:** Regular
- **Language:** German/English
- **Credits:** 4

### Workload:
- **Contact hours:** 30
- **Self-study hours:** 90
- **Total hours:** 120

### Achievement and Assessment Methods:
- **Description of achievement and assessment methods:**
  The examination is in written form. Students have to show their knowledge of the concepts of ITPM and their ability to solve the related problems using the methods presented in the module. They also have to apply their understanding of scientific contributions to answer relevant question. Students are allowed to bring three pages of two-sided DIN A4 page of stapled handwritten notes and the scientific contributions without any comments.

- **Type of assessment:** Written
- **Duration of assessment (min):** 90
- **Assessment retake:** Next semester

### Description:
- **(Recommended) Prerequisites:**
  -

### Content:
  As the importance of IT in business increases, the budgets that companies allocate for the execution of IT projects increases. Due to the resulting increasing number of IT projects, companies need ensure that they have implemented methods for uniform and central control of their IT projects portfolios. The module addresses this problem. Thereby the module covers analysis and discussion of the current problem and the need for an approach for IT portfolio management (ITPM) as well as the qualitative approaches of ITPM. Subsequently, the module addresses selected aspects of ITPM (such as, the evaluation of IT innovations, the latest IT trends, IT outsourcing, etc.) in detail. In addition to presenting the fundamentals of the methods, some parts are covered by presenting the current research results and discussing them with the students. To enable a constructive discussion during the module especial preparation of the participants (which includes personal study of scientific articles) is expected.

### Intended Learning Outcomes:
- **After attending the module the students will be able to analyze and evaluate IT investments in companies from different point of views. By working on the scientific contributions in the lecture they will have the ability for critical analyses of complex approaches of IT portfolio management and identification of possible vulnerabilities.**
### Teaching and learning methods:
The module consists of a lecture and complementary exercise parts. The content of the module will be taught in lecture and presentation. Through critical discussions of the module content, students are encouraged to deeper analysis of the contents, and to present their argumentative point of view. At the same time some lectures are dedicated to discussion of scientific contributions that must be properly prepared by the students. In the exercises sections, the results of the exercise sheets are presented independently by the student. The exercise sheets mainly include questions about scientific contributions, and should be answered either individually or in a group.

### Media:
Presentations, lecture notes, exercise sheets, scientific contributions

### Reading list:
The following papers will be discussed in the module:

- Buhl, Hams U.; Eistert, Torsten; Firdgen, Gilbert; Röder, Holger, "Inside Tomorrow's Retail Bank", A.T. Kearney 2012.

Furthermore following papers are recommended for the module:


### Responsible for module:
| First name: | Gilbert, Prof. Dr. |
| Name: | Fridgen |
| Email: | Gilbert.Fridgen@fim-rc.de |

### Lecturer:
1. Lecturer:
| First name: | Gilbert, Prof. Dr. |
| Name: | Fridgen |
| Email: | Gilbert.Fridgen@fim-rc.de |

### Courses:
1. Course:
| Type: | Lecture |
| Name: | IT Portfolio Management |
| Weekly hours per semester: | 1,5 |
### 2. Course:

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<th>Type</th>
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<td>IT Portfolio Management</td>
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<td>Weekly hours per semester</td>
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### (Recommended) audience:

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<tr>
<td>Name:</td>
<td>Finance &amp; Information Management (FIM)</td>
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