

# Module Description

**General information:**

Module number:	IN2277
Title (dt.):	Informations- und Wissensmanagement
Title (en.):	Information and Knowledge Management
Module level:	Master
Abbreviation:	IMKM
Subtitle:	
Duration:	One semester
Occurrence - summer/winter:	Winter
Occurrence - regular/irregular:	Regular
Language:	German/English
Credits:	4

**Workload:**

Contact hours:	45
Self-study hours:	75
Total hours:	120

**Achievement and assessment methods:**

Description of achievement and assessment methods:	<p>The module examination is based on group assignments with presentations (30 %) and a written exam (70 %).</p> <p>Assignments: Students have to demonstrate their understanding of the taught theories, frameworks and methods by applying them for the analysis of the case studies. Therefore they need to obtain a feeling for the practical problems of information and knowledge management and provide theoretically justifiable solutions.</p> <p>Written exam: By answering questions in text form, applying the taught theories, frameworks and methods to short case studies and discussing their strength and weaknesses or boundary conditions, students have to demonstrate their understanding of the concepts of <u>information and knowledge management</u>.</p>
Type of assessment:	Assignments/Presentation + written exam
Duration of assessment (min):	90
Assessment retake:	Next semester

**Description:**

(Recommended) prerequisites	Introductory knowledge of Information Systems
Content:	<p>The structure of the course will follow the information management model by Krcmar with a focus on the strategy and leadership functions. The course address the following topics:</p> <ul style="list-style-type: none"> <li>- Foundations of information and knowledge management</li> <li>- Business value of IT (frameworks and methods)</li> <li>- IT Governance</li> <li>- IT Controlling</li> <li>- IT Sourcing</li> <li>- IT Security and Risk Management</li> <li>- Knowledge Management</li> <li>- Role of the CIO</li> </ul>

Intended learning outcomes:	After successful completion of the course students possess the necessary knowledge about the design, functions and methods for the systematic use of the resource “information” in organisations. They are able to evaluate different theories, frameworks and methods for IT Strategy and the evaluation of the business value of IT, IT Governance, IT Controlling, IT Sourcing, IT Security and Risk Management as well as Knowledge Management. Students will be able to analyze typical problems of the CIO and develop approaches to solve them. Students acquire the competencies to apply information and knowledge management in an organisational context. Furthermore, the students can practice their presentation skills, rethorics and moderation skills.
Teaching and learning methods:	Interactive lectures with beamer presentation and class room discussions. Case studies and assignments (student presentations) to apply the taught theories, frameworks and methods. Guest lectures by practitioners
Media:	Presentation slides, case study material
Reading list:	Krcmar, H. (2015): Informationsmanagement, 6th Edition, Springer, Berlin/Heidelberg (German)

**Responsible for module:**

First name:	Helmut, Prof. Dr.
Name:	Krcmar
Email:	<a href="mailto:krcmar@in.tum.de">krcmar@in.tum.de</a>

**Lecturer:**

1. Lecturer:	
First name:	Helmut, Prof. Dr.
Name:	Krcmar
Email:	<a href="mailto:krcmar@in.tum.de">krcmar@in.tum.de</a>

2. Lecturer:	
First name:	Markus
Name:	Böhm
Email:	<a href="mailto:markus.boehm@in.tum.de">markus.boehm@in.tum.de</a>

**Courses:**

1. Course:	
Type:	Lecture
Name:	Information and Knowledge Management
Weekly hours per semester:	2

2. Course:	
Type:	Excercises
Name:	Information and Knowledge Management
Weekly hours per semester:	1

**(Recommended) audience:**

1. Program:	
Name:	MSc Finance & Information Management (FIM)