

Module: Integrated Information Systems

Level	Master	Short Name	ISYS
Responsible Lecturers	Lohmann, Rüdiger, Prof. Dr.-Ing.		
Department, Facility	Electrical Engineering and Computer Science		
Course of Studies	Applied Information Technology, Master		
Compulsory/elective	Compulsory	ECTS Credit Points	5
Semester of Studies	3	Semester Hours per Week	4
Length (semesters)	1	Workload (hours)	150
Frequency	SuSe	Presence Hours	45
Teaching Language	English	Self-Study Hours	105

The following section is filled only if there is **exactly one** module-concluding exam.

Exam Type	Project Work	Exam Language	English
Exam Length (minutes)		Exam Grading System	One-third Grades
Learning Outcomes	Students will get an SAP ERP working knowledge. In addition, students will learn how a variety of business processes can be covered with a standard ERP-system such as SAP.		
Participation Prerequisites	Financials and Accounting, Business Process Management		

The previous section is filled only if there is **exactly one** module-concluding exam.

Consideration of Gender and Diversity Issues	<ul style="list-style-type: none"> ✓ Use of gender-neutral language (THL standard) ✓ Target group specific adjustment of didactic methods ✓ Making subject diversity visible (female researchers, cultures etc.)
Applicability	
Remarks	

Module Course: Integrated Information Systems

(of Module: Integrated Information Systems)

Course Type	Lecture	Form of Learning	Presence
Mandatory Attendance	no	ECTS Credit Points	5
Participation Limit		Semester Hours per Week	4
Group Size	20	Workload (hours)	150
Teaching Language	English	Presence Hours	45
Study Achievements ("Studienleistung", SL)		Self-Study Hours	105
SL Length (minutes)		SL Grading System	

The following section is filled only if there is a course-specific exam.

Exam Type		Exam Language	
Exam Length (minutes)		Exam Grading System	
Learning Outcomes			
Participation Prerequisites			

The previous section is filled only if there is a course-specific exam.

Contents	<p>Students do two supervised SAP case studies to acquire basic SAP handling skills and to get familiar with the basic ERP functionalities.</p> <p>Based on this, students will do a group work to test a new business process in SAP.</p> <p>The process and its implementation in SAP is finally presented to the entire group. In addition, the students turn in a management report describing the process, it's application and it's realization in SAP.</p>
Literature	<p>Discover SAP (Muir, Kimbell), Rheinwerk Verlag</p> <p>Logistics with SAP ERP (Murray)</p> <p>Essentials of Business Processes and Information Systems (Magal, Word)</p> <p>SAP process documentation for the case study</p>
Remarks	