

This table is subject to change. Students are required to check the online course catalogue for changes each semester.

Information Management and Systems						
Matriculation 2014	type	course number	term	year	semester	credits
CORE COMPONENT I						
<i>Module I: Business Administration</i>						35.0
Firms and Markets	Lecture	930 312	Spring	1	II	5.0
Applied Project Management	Seminar	990 221	Fall	1	I	5.0
Organization	Seminar	930 211	Fall	2	III	5.0
Marketing	Seminar	930 352	Spring	1	II	5.0
Finance	Seminar	930 241	Spring	2	IV	5.0
Global Leadership	Seminar	032 311	Fall	3	V	5.0
Managing Strategies and Innovation	Lecture	930 361	Spring	3	VI	5.0
<i>Module II: Information Management and Systems</i>						40.0
Introduction to Information Management and Systems	Seminar	080 101	Fall	1	I	5.0
General Logistics I	Lecture	050 101	Fall	1	I	5.0
General ICT I	Lecture	350 101	Fall	1	I	5.0
General ICT II	Lecture	350 102	Spring	1	II	5.0
General Logistics Lab I	Lab	050 111	Fall	1	I	2.5
SAP Lab	Lab	080 201	Fall	2	III	2.5
IT Management	Seminar	080 212	Spring	1	IV	2.5
Process Modeling and Simulation	Lecture	050 212	Spring	2	IV	2.5
Human-Computer Interaction	Seminar	080 242	Spring	2	IV	5.0
Information and Knowledge Society	Seminar	940 301	Fall	3	V	5.0
<i>Module III: Information Technology</i>						30.0
Natural Science Lab Unit Programming in Python I	Lab	350 111	Fall	1	I	2.5
Natural Science Lab Unit Programming in Python II	Lab	350 112	Spring	1	II	2.5
Algorithms and Data Structures for Information Management	Lecture	080 211	Fall	2	III	5.0
Programming in Java	Lecture/Lab	320 341	Fall	2	III	5.0
Software Engineering	Lecture	320 212	Spring	2	IV	5.0
Databases and Web Applications	Lecture	320 302	Fall	3	V	5.0
Computer Architecture	Lecture	320 241	Fall	3	V	5.0
CORE COMPONENT II (STATISTICS AND METHODS)						35
<i>Module IV:</i>						
Academic and Professional Skills	Modules	900 100	Fall	1	I	2.5
Bachelor Thesis & Guided Research Preparation	Seminar	n.a.	Fall	3	V	0
Bachelor Thesis Seminar	Seminar	990 301	Spring	3	VI	7.5
<i>Module V: Research Methods and Techniques</i>						
Math: ESM 1A - Single Variable Calculus	Lecture	120 101	Fall	1	I	5.0
Math: ESM 2A - Linear Algebra, Probability, Statistics	Lecture	120 102	Spring	1	II	5.0
Introduction to Empirical Research and Research Design	Lecture	990 111	Fall	2	III	5.0
Operations Research	Lecture	080 202	Spring	2	IV	5.0
Statistical Concepts and Data Analysis	Lecture/Lab	990 121	Spring	2	IV	5.0
COMPONENT III (SPECIALIZATION ICT, USCs AND LANGUAGE COURSES)						40.0
• 6 Electives from SES, SHSS, APS, USCs (3 USCs are mandatory)					I - VI	30.0
• Language Courses (4 courses à 2.5 credit points)					I - VI	10.0
1 or 2 Internships						0.0
Total Credits for the BSc. in Information Management and Systems						180

Jacobs University Bremen reserves the right to substitute courses by replacements and/or reduce the number of mandatory/mandatory elective courses offered.