



Master- Programme:	Computer Science
Qualification awarded on completion:	Master of Science (M.Sc.)
Intended length of programme	Regular version: 4 Trimester Extended version: 6 Trimester
Type of programme	Consecutive
Higher education institution (HEI):	International University in Germany gGmbH D-76605 Bruchsal www.i-u.de
Faculty/Department	School of Information Technology
Contact	Dr. Jens Gerken
Telephone	+49 (0) 7251 700 121
Fax	+49 (0) 7251 700 150
E-mail	jens.gerken@i-u.de
Accredited by	FIBAA
Date of accreditation	October 28 th , 2008
Period of accreditation	October 28 th , 2008 untill end of August 2013
Conditions imposed	none
Panel members	<p>Prof. Dr. Joachim Hentze TU Braunschweig Institute of Business Sciences Chair in Corporate Management</p> <p>Prof. Dipl.-Inform. Hannelore Frank Furtwangen University Department of Computer Science Professorship in Computer Networking</p> <p>Prof. Dr.-Ing. Wolfgang Ahrens Prolist International, Leichlingen</p> <p>Dennis Hobbiesiefken University of Göttingen, Student of Sociology and Business Informatics</p>
Profile of course	The mission of the Master programme computer science of the International University in Germany (IU), Bruchsal is to provide the knowledge and skills necessary to those who have completed a Bachelor's degree in IT or computer science related subjects to pursue a successful career in the field of IT, whether in industry or in the continuation of study for a higher degree, in international and intercultural settings.

There are two versions of the degree: a regular and an extended version (the extended version includes a so-called “company project option”). The regular version is completed in 4 trimesters and is structured as an intensive study programme. The regular plan of study is divided into four trimesters. A trimester consists of 12 course weeks and 1 exam week, amounting to a total of 13 weeks (the duration of a trimester was reduced in 2006 from 14 to 13 weeks). Optionally, students can carry out an internship in the industry during an additional, fifth trimester.

Applicants to the programme must have a Bachelor or equivalent degree in the field of Computer Science or a related discipline. An overall Bachelor-level grade point average (GPA) of either 2.7 (B-) based on the American grading system (A = GPA 4 and D = GPA 1), or 2.5 based on the German system (1 = very good and 4 = sufficient) is required. A GRE (Graduate Record Examination) score of at least 640 points in the quantitative, and 4.0 in the analytical part is required. The latter requirement is waived for those who obtained a B.Sc. in Information Technology at the International University in Germany.

The undergraduate qualification must be equivalent to at least 210 credit points in the European Credit Transfer System. If not, a student is required to take courses from the B.Sc. programme, determined by the Dean of the School of Information Technology, to make up for the credit difference between the undergraduate qualification and 210 credits.

The tuition costs for the complete programme (both regular and extended version) will be 15.000 €.

IU employs professionally qualified teaching faculty in the School of Information Technology, the School of Business Administration and in the Department of International Communication Management. Faculty at IU can roughly be classified into the following categories:

- Professorial staff and lecturers;
- Adjunct faculty staff and adjunct language instructors;
- Research and teaching associates;
- Visiting, guest and honorary professors, and research and teaching fellows.

Members of the first category, predominantly full-time members, form the principal teaching staff at IU. They provide the core teaching in each of the programmes.

The modules in the programme have the following components: lectures, labs, assignments, and projects. Projects within modules are typically conducted in teams and enable students to integrate the knowledge and skills acquired in the module. Through teams students learn to learn from each other, cooperate, and manage the project task. This means students are active themselves in these learning activities (probably the best from of education), e.g. they learn by doing. In general, teaching methods include lectures, assignments, self-studies, discussions, case analyses, student presentations, group projects, computer simulations, and guest speakers from industry and government.

The programme provides an international orientation. Many important topics are dealt with, e.g. in Intercultural Communication: cooperation in groups (group dynamics, team development) and conflict management. The composition of the cohort is international. In this specific programme

	<p>there are no German students.</p> <p>Since IU is an English speaking institution, in principle all modules are conducted in English with the exception of language modules, and English textbooks are used. International research thus is incorporated into the content of the programmes.</p> <p>The discussion of international or cross-cultural contexts and questions takes place in most core and specialization modules. For example, the programme module "Supply Chain Management in the Global Context" discusses issues arising from global competition and the increasing challenges from globalization imposed on supply chain members, as well as the typical activities in a supply chain are of a major interest, e.g. communication, inventory management, warehousing, transportation, and facility location.</p>
<p>Summary of assessment by the agency</p>	<p>The Master programme Computer Science of the International University in Germany (IU), Bruchsal, meets the quality requirements for Master programmes with exceptions and has been re-accredited by FIBAA. The accreditation procedure has verified that the programme has most of the quality elements required of a Master programme.</p> <p>The degree course is a consecutive programme. The programme has a modular structure, has been assigned ECTS points, has a particularly research-oriented profile and leads to the academic degree of "Master of Science". The degree is awarded by the HEI.</p> <p>Taking into consideration, in particular, the strategy and objectives, the design, resources and services plus the quality assurance, this programme in general meets the quality requirements.</p> <p>The panel members feel that the clear strength of the programme lies in the positioning of the programme on the job market, internationality concerning the cohort and providing language skills and provision of student support.</p> <p>But the reviewers also feel that there is potential for development in standardising documents, gender mainstreaming and diversity, providing additional learning opportunities and modernising the ICT in teaching rooms.</p>

Quality Profile

Higher Education Institution (HEI): International University Bruchsal, Germany Master Programme: Computer Science

quality ratings		excellent	exceeds quality requirements	meets quality requirements	does not meet quality requirements	n.o. ¹ n.a. ² n.r. ³
1.	strategy and objectives					
1.1	programme objectives			X		
1.1.1*	logic and transparency of programme objectives			X		
1.1.2	rationale for qualification title			X		
1.1.3	programme profile (only relevant for Master programmes in Germany for which the AC's quality label is being sought)			X		
1.1.4*	competence goals			X		
1.2	positioning of programme			X		
1.2.1	positioning on education market			X		
1.2.2	positioning on job market (employability of graduates)		X			
1.2.3	positioning within HEI's overall strategy			X		
1.3	international orientation			X		
1.3.1	internationality of programme design			X		
1.3.2	internationality of student community		X			
1.3.3	internationality of teaching community			X		
1.3.4	specific international and intercultural content			X		
1.3.5	structural and/or content indicators for internationality			X		
1.3.6	foreign language skills		X			
1.4	cooperation and partnerships			X		
1.4.1	cooperation with HEIs and other academic institutions/networks			X		
1.4.2	cooperation with enterprises and other organisations			X		
1.5	equality of opportunities			Cond.		

quality ratings

		excellent	exceeds quality requirements	meets quality requirements	does not meet quality requirements	n.o. ¹ n.a. ² n.r. ³
2.	admission (admission process and procedure)					
2.1	admission requirements			X		
2.2	application documents		X			
2.3	professional experience (asterisk criterion for Master programmes of the "further education" type)					n.r.
2.4	ensuring foreign language competence		X			
2.5*	logic and transparency of admission procedure			X		
2.6*	transparency of admission decision			X		
3.	programme design					
3.1	structure			X		
3.1.1*	application of the "European Credit Transfer and accumulation System (ECTS)"			X		
3.1.2*	use of module concept			X		
3.1.3	structural construction of the programme (core subjects and specialisations ("compulsory electives"))			X		
3.1.4	optional electives for students			X		
3.1.5	integration of theoretical and practical content			X		
3.1.6*	study and examination regulations			X		
3.1.7*	transparency and description of modules			X		
3.2	content			X		
3.2.1*	logic, conceptual coherence and transparency of programme/curriculum			X		
3.2.2	field-specific core subjects offered			X		
3.2.3	field-specific specialisations ("compulsory electives") offered			X		
3.2.4	field-specific optional electives offered			X		
3.2.5	interdisciplinarity			X		
3.2.6	methodological competence and academic work			X		
3.2.7*	development of knowledge and skills			X		
3.2.8	teaching informed by academic work and research			X		

quality ratings		excellent	exceeds quality requirements	meets quality requirements	does not meet quality requirements	n.o. ¹ n.a. ² n.r. ³
3.2.9	student learning assessments and examinations			X		
3.2.10	thesis			X		
3.3	generic skills			X		
3.3.1	preparation for research-oriented tasks (only for Master programmes)			x		
3.3.2	additional learning opportunities				X	
3.3.3	social behaviour, ethical aspects and conduct			X		
3.3.4	management concepts			X		
3.3.5	communication and public-speaking skills			X		
3.3.6	teamwork and conflict-handling			X		
3.4	teaching and learning methods			X		
3.4.1	logic and transparency of teaching and learning methodology			X		
3.4.2	diversity of methods			X		
3.4.3	practical projects and case studies			X		
3.4.4	teaching and learning materials			X		
3.4.5	guest lecturers			X		
3.4.6	student assistants involved in teaching					n.r.
3.5*	employability			X		
4.	resources and services					
4.1	programme teaching staff			X		
4.1.1*	structure and number of teaching staff in relation to curricular requirements			X Cond.		
4.1.2*	teaching staff's academic qualifications			X		
4.1.3	teaching staff's pedagogical qualifications			X		
4.1.4	teaching staff's business experience			X		
4.1.5	internal cooperation			X		
4.1.6	provision of student support/coaching by teaching staff		X			

quality ratings

		excellent	exceeds quality requirements	meets quality requirements	does not meet quality requirements	n.o. ¹ n.a. ² n.r. ³
4.2	programme management			X		
4.2.1	workflow management for programme management and the decision-making process			X		
4.2.2	programme directors			X		
4.2.3*	administrative support for students and teaching staff			X		
4.2.4	advisory body (advisory board) and its structure and responsibilities			x		
4.3	programme documentation			X		
4.3.1*	programme descriptions			X		
4.3.2	documentation of activities during academic year			X		
4.4	facilities			X		
4.4.1*	quantity and quality of teaching rooms			X		
4.4.2	availability of modern ICT in teaching rooms and at individual workstations				x	
4.4.3	access to the required literature			X		
4.4.4	library opening hours			X		
4.4.5	number of and technical equipment at library workstations for students			X		
4.5	additional services			X		
4.5.1	careers advice and placement service			X		
4.5.2	alumni activities			X		
4.5.3	student counselling and welfare services			X		
4.6	financial planning and financing of programme			X		
4.6.1*	logic and transparency of financial planning			X		
4.6.2	basic funding			X		
4.6.3*	financial stability of programme			X		

quality ratings

quality ratings		excellent	exceeds quality requirements	meets quality requirements	does not meet quality requirements	n.o. ¹ n.a. ² n.r. ³
5.	quality assurance					
5.1*	quality assurance and enhancement in the HEI of programme development			X		
5.2	inclusion of quality assurance and enhancement of the programme in the HEI's overall quality assurance strategy			X		
5.3	quality assurance of programme content, processes and outcomes			X		
5.4	evaluation			X		
5.4.1	evaluation by students			X		
5.4.2	evaluation by teaching staff			X		
5.4.3	external evaluation by alumni, employers and third parties			X		

1 = not observable | 2 = not available | 3 = not relevant