

EDUCATIONAL PROGRAM FOR WORKING STUDENTS

A.A. 2007/08

Bolzano/Bozen

APPLIED COMPUTER SCIENCE

The educational program for working students consists of 4 years, according to the traditional three years study plans

In the following we report the curriculum in Software Engineering

The blue labels refer to courses to be followed in the Company. Any course attended at the Company corresponds to a parallel course at the University. Exams are at the University.

ES	1st Year			2nd Year			3rd Year			4th Year		
	Title	CP	Language	Title	CP	Language	Title	CP	Language	Title	CP	Language
1	Introduction to Programming	8	En	Software Engineering	4	En	Probability Theory and Statistics	4	En	Internship - Based on the project and applied	12	It/De/En
	Computer System Architecture	4	En	Introduction to Databases	8	En	Logic	4	En	Stream: Internet Technologies 2	4	En
	Analysis	8	En	Distributed Systems	4	En	Formal languages	4	En	Stream: Software Architectures	4	En
	Introduction to economics and Business	4	En				Stream: Formal Methods	4	En			
	English	4	En				Stream: Software metrics	4	En			
		28			16		German/Italian 2	4	De/It			20
2	Operating Systems	8	En	Algebra	4	En	Mathematical Methods for Physics	4	En	General skills: Team Work Management	4	En
	Programming Project	8	En	Data Structures and Algorithms	8	En	Programming paradigms	4	En	General skills: Technology assessment	4	En
				Ethics	4	De	Software Engineering Project	8	En	Internship and B.Sc. Final Report - Based on	12	It/De/En
				Business administration	4	En	Database Management Systems	4	En			
				Compiler	4	En						
		16		Internet Technologies	4	En						20
		44		German/Italian 1	4	De/It						40
					32							
					48							

Summer at the Company: Based on the project and applied oriented

at the Company  
at the University

Note: alle the courses are provided by the usual programme of the Course in Applied Computer Science: in the case of a student attending the Educational Programme for Working Students, some of them are in parallel attended and provided by the Company

Credits for the Courses at the Company 92  
Credits for Courses at the University 88

Hours at the Company\* 828  
Hours at the University\* 792

Percentage of work at the Company 0,51  
Percentage of work at the university 0,49

\* they includes frontal lectures and exercise