

EDUCATIONAL PROGRAM FOR WORKING STUDENTS

A.A. 2008/2009

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 Stream: Internet Technologies 2	12	It/De/En
	Computer System Architecture	4	En	Introduction to Databases	8	En	Logic	4	En		Stream: Software Architectures	4
2	Analysis	8	En				Stream: Formal Methods	4	En	Stream: Software metrics	4	En
	Introduction to economics and Business	4	En				Distributed systems	4	En			
	English	4	En				Business Information Systems	4	En			
							German/Italian 2	4	De/It			
		28			12			28			24	
	Operating Systems	8	En	Mathematical Methods for Physics	4	En	Programming paradigms	4	En	Internship and B.Sc. Final Report - Based on the project and applied oriented	12	It/De/En
	Programming Project	8	En	Software Engineering Project	8	En	Compiler	4	De			
	Algebra	4	En	Database Management Systems	4	En	Ethics	4	En			
	Data structure and algorithms	8	En	German/Italian 1	4	De/It	Internet Technologies	4	En			
	Business administration	4	En	General Skills: Technology assessment	4	De/It	General skills: Team Work Management	4	En			
		32			24			20			12	
		60			36			48			36	

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

at the Company
at the University

Note: all 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	Hours at the Company*	828	Percentage of work at the Company	0.51
Credits for Courses at the University	88	Hours at the University*	792	Percentage of work at the university	0.49

* they includes frontal lectures and exercise