

## BACHELOR IN APPLIED COMPUTER SCIENCE - FACULTY OF COMPUTER SCIENCE - FREE UNIVERSITY OF BOLZANO

graduation year: 2010

type of degree course: first cycle degree (post-Bologna process reform)

University: Bolzano

Faculty: Computer Science

degree subject grouping: all

degree course grouping: all

degree course: all



GRADUATE PROFILE REPORT	BSc in Computer Science BOLZANO	BSc in Computer Science ITALY
Number of graduates	27	1,903
Completed the questionnaire	26	1,803

1. Personal details	BSc in Computer Science BOLZANO	BSc in Computer Science ITALY
<b>Gender (%)</b>		
male	88,9	84,8
female	11,1	15,2
<b>Age at graduation (%)</b>		
under 23 years	29,6	18,8
23 to 24 years	40,7	31,9
25 to 26 years	7,4	20,8
27 years and over	22,2	28,5
<b>age at graduation (average)</b>	<b>24,8</b>	<b>26,1</b>
<b>Foreign citizens (%)</b>	<b>14,8</b>	<b>2,8</b>
<b>Residence (%)</b>		
same province as location of university	81,5	58,4
other province within the same region	-	27,3
other region	3,7	13,3
abroad	14,8	0,9

2. Social background	BSc in Computer Science BOLZANO	BSc in Computer Science ITALY
<b>Parents' educational qualification</b>		
both parents are degree holders	7,7	6,1
only one parent is a graduated	3,8	13,9
secondary school-leaving certificate	34,6	52,2
lower educational qualification or no educational qualification	50	26,5
<b>Social class (%)</b>		
middle class	23,1	15
clerical middle class	23,1	33,2
lower middle class	15,4	18,8
working class	30,8	30,6

<b>3. Secondary education</b>	<b>BSc in Computer Science BOLZANO</b>	<b>BSc in Computer Science ITALY</b>
<b>secondary school-leaving certificate</b>		
secondary school specialising in classical studies	3,7	2,3
secondary school specialising in foreign languages studies	-	1,4
secondary school specialising in scientific studies	14,8	31,3
secondary school specialising in socio-psycho-pedagogical studies or teachers' training	3,7	0,8
technical secondary school	63	59,2
vocational school	-	2,7
secondary school specialising in artistic studies	-	0,3
foreign secondary school leaving certificate	14,8	2,1
<b>secondary school-leaving certificate mark (averages, out of 100)</b>	<b>78,7</b>	<b>81,5</b>

<b>4. Academic performance</b>	<b>BSc in Computer Science BOLZANO</b>	<b>BSc in Computer Science ITALY</b>
<b>With previous academic study experiences (%)</b>	<b>23,1</b>	<b>13,5</b>
completed	11,5	1,5
not completed	11,5	12
<b>Very important reasons for the choice of degree course (%)</b>		
both cultural and occupational factors	38,5	52,5
mainly cultural factors	26,9	21,1
mainly occupational factors	15,4	12,1
neither factor	19,2	14
<b>Enrolment age (%)</b>		
At standard enrolment age or 1 year above	66,7	84,7
2 or more years above standard enrolment age	33,3	15,3
<b>Examination marks (averages)</b>	<b>25</b>	<b>24,7</b>
<b>Degree mark (averages)</b>	<b>98,8</b>	<b>97,2</b>
<b>Degree completion time (%)</b>		
within prescribed degree completion time	51,9	20,1
1 year above prescribed degree completion time	29,6	20,9
2 years above prescribed degree completion time	14,8	16,7
3 years above prescribed degree completion time	-	12,9
4 years above prescribed degree completion time	-	9,8
5 or more years above prescribed degree completion time	3,7	19,6
<b>Average duration of studies (in years)</b>	<b>3,9</b>	<b>5,7</b>
<b>Delay in degree completion times (averages, in years)</b>	<b>0,6</b>	<b>2,3</b>
<b>Average delay at graduation index (relationship between delay at graduation and prescribed course duration)</b>	<b>0,21</b>	<b>0,75</b>

<b>5. Conditions of study</b>	<b>BSc in Computer Science BOLZANO</b>	<b>BSc in Computer Science ITALY</b>
<b>Students having an accommodation at less than one hours' trip from university location</b>		
over 50% of the duration of studies	84,6	73,5
under 50% of the duration of studies	15,4	25,8
<b>Attended classes on a regular basis (%)</b>		
over 75% of prescribed classes	80,8	71,5
50 to 75%	15,4	18
25 to 50%	-	6
under 25%	3,8	3,9
<b>Took advantage of scholarships (%)</b>	<b>69,2</b>	<b>25,8</b>
<b>Earned study abroad experiences during academic studies (%)</b>	<b>34,6</b>	<b>5,3</b>
studied abroad with Socrates/Erasmus or other European Union programmes	23,1	3,8
other experiences accredited by degree course	11,5	0,6
personal initiative	-	1
<b>no study abroad experience</b>	<b>65,4</b>	<b>94,5</b>
<b>1 or more examinations taken abroad have been accredited</b>	<b>34,6</b>	<b>3,4</b>
<b>Prepared a significant part of dissertation abroad (%)</b>	<b>3,8</b>	<b>1,6</b>
<b>Carried out training periods or training practise experiences (%)</b>	<b>88,5</b>	<b>79,4</b>
training course organized by and conducted at the University	42,3	32,7
training course organized by and conducted outside the university	34,6	31,2
work activities approved afterwards by the course	11,5	14,1
<b>no experience of training or work approved by the course</b>	<b>11,5</b>	<b>20,5</b>
<b>Months taken to complete dissertation/final examination (averages)</b>	<b>6</b>	<b>4</b>

<b>6. Work activity undertaken during academic studies</b>	<b>BSc in Computer Science BOLZANO</b>	<b>BSc in Computer Science ITALY</b>
<b>Carried out work activities (%)</b>	<b>69,2</b>	<b>76,5</b>
studying workers	7,7	8,3
other work activities undertaken on a full-time ongoing basis	3,8	6,2
part-time work activities	26,9	21,7
occasional irregular or seasonal work activities	30,8	40,4
<b>no work experience</b>	<b>30,8</b>	<b>23,2</b>
<b>Work relevant to studies</b>	<b>26,9</b>	<b>25,8</b>

<b>7. Assessment of university experience</b>	<b>BSc in Computer Science BOLZANO</b>	<b>BSc in Computer Science ITALY</b>
<b>Expressed overall satisfaction with degree course (%)</b>		
yes definitely	50	29,8
more yes than no	46,2	56,4
<b>Expressed overall satisfaction with relationships with academic staff (%)</b>		
yes definitely	15,4	20
more yes than no	76,9	65,3
<b>Expressed satisfaction with relationships with other students (%)</b>		
yes definitely	57,7	57
more yes than no	34,6	36,3
<b>Assessment of classrooms (%)</b>		
always or almost always adequate	65,4	34,7
often adequate	30,8	48,4
<b>Assessment of IT workstations</b>		
available in adequate number	88,5	59,8
available, but not in adequate number	7,7	36,9
<b>Assessment of library facilities (availability of loans/reference books, opening times, etc.) (%)</b>		
definitely positive	73,1	23,6
fairly positive	23,1	45,2
<b>Stated that academic workload was sustainable (%)</b>		
yes definitely	42,3	23,3
more yes than no	42,3	60,7
<b>Would enrol again at university (%)</b>		
yes, on the same course and at the same university	76,9	70,1
yes, at the same university but on a different course	3,8	10,4
yes, on the same course but at a different university	7,7	10,3
yes, but on a different course and at a different university	3,8	5,2
would not enrol again at university	3,8	3,5

<b>8. Foreign language and it skills</b>	<b>BSc in Computer Science BOLZANO</b>	<b>BSc in Computer Science ITALY</b>
<b>Foreign languages: "at least good" command (%)</b>		
written English	92,3	71,9
spoken English	88,5	56
written French	42,3	6,7
spoken French	46,2	6,4
written Spanish	-	3
spoken Spanish	-	3,1
written German	34,6	1,6
spoken German	26,9	1,4
<b>IT tools: "at least good" skills (%)</b>		
web surfing	96,2	97,9
word processing	88,5	91,5
spreadsheets (Excel, etc.)	92,3	84,5
operating systems	96,2	90,3
multimedia (sound, image and video processing)	42,3	62,1
programming languages	92,3	91,7
data bases (Oracle, SQL server, Access, etc.)	96,2	80,5
web site engineering	88,5	81,7
data transmission networks	76,9	68,7
CAD/CAM/CAE - assisted design	7,7	17,7

<b>9. Prospects for further studies</b>	<b>BSc in Computer Science BOLZANO</b>	<b>BSc in Computer Science ITALY</b>
<b>Intending to pursue postgraduate studies (%)</b>	<b>96,2</b>	<b>53</b>
other first-level degree	-	0,6
second level degree	42,3	43,6
PhD	-	0,7
postgraduate school	-	0,2
academic master	34,6	3,7
other type of postgraduate or advanced training course	15,4	1,6
internship/practice	-	0,3
activity financed by scholarship or study allowance	-	0,1
other activities aimed at the acquisition of professional skills	3,8	2,1
<b>not intending to pursue postgraduate studies</b>	<b>3,8</b>	<b>46,9</b>

10. Employment prospects	BSc in Computer Science BOLZANO	BSc in Computer Science ITALY
<b>Interested in working in the following company sectors: yes, definitely (%)</b>		
purchases	7,7	13,6
administration, accounting	7,7	21
technical assistance	11,5	31,4
commercial, sales	7,7	15,2
management control	11,5	25,9
finance	3,8	16
legal	3,8	9,2
logistics, distribution	7,7	17,7
marketing, communication, public relations	23,1	26,2
organisation, planning	19,2	31,2
production	3,8	26,1
research and development	61,5	55,9
human resources, personnel selection, training	11,5	21,7
secretary, general affairs	7,7	13,6
information systems, EDP	42,3	55,7
<b>Aspects considered important in job-seeking: yes, definitely (%)</b>		
acquisition of professional skill	61,5	75,8
career prospects	65,4	64,4
earning prospects	57,7	63,2
relevance to studies completed	30,8	41,9
relevance to cultural interests	19,2	30,9
job security	53,8	71
independence or autonomy	30,8	39,6
amount of spare time	23,1	24,5
<b>Type of work sought (%)</b>		
no preference	50	56,1
public-sector subordinate employment	3,8	9
private-sector subordinate employment	30,8	25,1
non-subordinate/self-employed	11,5	9,1
<b>Willingness to work by type of labour contract: yes, definitely (%)</b>		
<b>WORKING TIME</b>		
full time	92,3	89,4
part time	26,9	37,6
<b>LABOUR CONTRACT</b>		
permanent contract	88,5	92
fixed-term contract	26,9	28,6
collaboration contracts (including project contracts)	26,9	21,1
first job contract (former apprenticeship contract)	7,7	18
in-house company training	15,4	11,4
apprenticeship	7,7	11
temporary work	7,7	8,4
teleworking	15,4	17,5
self employed	30,8	35,9
<b>Willingness to work in the following geographical areas: yes, definitely (%)</b>		
province of residence	65,4	77,5
location of studies	76,9	71
northern Italy	38,5	39

central Italy	3,8	30,4
southern Italy	3,8	23,9
European country	50	40,6
non-European country	38,5	31,3
<b>Willingness to accept mobility (%)</b>		
yes, including changing residence	42,3	37
yes, even frequently (but without changes of residence)	23,1	34,1
yes, but only in a limited number	26,9	24,7
not willing to accept mobility	3,8	2,6

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