

## MASTER IN COMPUTER SCIENCE - FACULTY OF COMPUTER SCIENCE - FREE UNIVERSITY OF BOLZANO

graduation year: 2010

type of degree course: second 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	MSc in Computer Science BOLZANO	MSc in Computer Science ITALY
Number of graduates	37	750
Completed the questionnaire	30	668

1. Personal details	MSc in Computer Science BOLZANO	MSc in Computer Science ITALY
<b>Gender (%)</b>		
male	73	82,3
female	27	17,7
<b>Age at graduation (%)</b>		
under 23 years	-	-
23 to 24 years	10,8	17,1
25 to 26 years	43,2	38
27 years and over	45,9	44,9
<b>age at graduation (average)</b>	<b>27,1</b>	<b>27,3</b>
<b>Foreign citizens (%)</b>	<b>73</b>	<b>8,5</b>
<b>Residence (%)</b>		
same province as location of university	37,8	54,1
other province within the same region	-	25,3
other region	8,1	14,9
abroad	54,1	5,6

2. Social background	MSc in Computer Science BOLZANO	MSc in Computer Science ITALY
<b>Parents' educational qualification</b>		
both parents are degree holders	40	10,6
only one parent is a graduated	13,3	13,5
secondary school-leaving certificate	33,3	47,8
lower educational qualification or no educational qualification	6,7	26,3
<b>Social class (%)</b>		
middle class	26,7	16,8
clerical middle class	33,3	32,3
lower middle class	26,7	18,1
working class	10	31,3

<b>3. Secondary education</b>	<b>MSc in Computer Science BOLZANO</b>	<b>MSc in Computer Science ITALY</b>
<b>secondary school-leaving certificate</b>		
secondary school specialising in classical studies	-	3,7
secondary school specialising in foreign languages studies	2,7	0,8
secondary school specialising in scientific studies	10,8	39,3
secondary school specialising in socio-psycho-pedagogical studies or teachers' training	-	0,9
technical secondary school	8,1	45,2
vocational school	2,7	1,5
secondary school specialising in artistic studies	-	-
foreign secondary school leaving certificate	70,3	8,1
<b>secondary school-leaving certificate mark (averages, out of 100)</b>	<b>81,9</b>	<b>85,1</b>

<b>4. Academic performance</b>	<b>MSc in Computer Science BOLZANO</b>	<b>MSc in Computer Science ITALY</b>
<b>With previous academic study experiences (%)</b>	<b>100</b>	<b>99,7</b>
completed	100	99,7
not completed	-	-
<b>Very important reasons for the choice of the second-level degree course (%)</b>		
both cultural and occupational factors	53,3	48,1
mainly cultural factors	20	20,1
mainly occupational factors	6,7	15
neither factor	20	16,6
<b>Enrolment age (%)</b>		
At standard enrolment age or 1 year above	45,9	63,9
2 or more years above standard enrolment age	54,1	36,1
<b>Examination marks (averages)</b>	<b>26,1</b>	<b>27,2</b>
<b>degree mark (averages)</b>	<b>102,1</b>	<b>107,3</b>
<b>Degree completion time (%)</b>		
within prescribed degree completion time	54,1	36,1
1 year above prescribed degree completion time	21,6	37,7
2 years above prescribed degree completion time	16,2	16,7
3 years above prescribed degree completion time	8,1	6,9
4 years above prescribed degree completion time	-	2,1
5 or more years above prescribed degree completion time	-	0,4
<b>Average duration of studies (in years)</b>	<b>2,8</b>	<b>3,1</b>
<b>Delay in degree completion times (averages, in years)</b>	<b>0,6</b>	<b>0,7</b>
<b>Average delay at graduation index (relationship between delay at graduation and prescribed course duration)</b>	<b>0,28</b>	<b>0,36</b>

<b>5. Conditions of study</b>	<b>MSc in Computer Science BOLZANO</b>	<b>MSc 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	63,3	80,7
under 50% of the duration of studies	33,3	18,7
<b>Attended classes on a regular basis (%)</b>		
over 75% of prescribed classes	76,7	78,9
50 to 75%	6,7	11,7
25 to 50%	6,7	4,3
under 25%	10	4,5
<b>Took advantage of scholarships (%)</b>	<b>70</b>	<b>28,4</b>
<b>Earned study abroad experiences during the second-level degree course (%)</b>	<b>63,3</b>	<b>16,5</b>
studied abroad with Socrates/Erasmus or other European Union programmes	56,7	12
other experiences accredited by degree course	-	2,2
personal initiative	6,7	2,2
<b>no study abroad experience</b>	<b>36,7</b>	<b>83,5</b>
<b>1 or more examinations taken abroad have been accredited</b>	<b>60</b>	<b>12,6</b>
<b>Prepared a significant part of dissertation abroad (%)</b>	<b>46,7</b>	<b>8,8</b>
<b>Carried out training periods or training practise experiences during the second-level degree course (%)</b>	<b>16,7</b>	<b>38,8</b>
training course organized by and conducted at the University	6,7	12,3
training course organized by and conducted outside the university	10	15,9
work activities approved afterwards by the course	-	9
<b>no experience of training or work approved by the course</b>	<b>83,3</b>	<b>61,2</b>
<b>Months taken to complete dissertation/final examination (averages)</b>	<b>7,6</b>	<b>6,9</b>

<b>6. Work activity undertaken during academic studies</b>	<b>MSc in Computer Science BOLZANO</b>	<b>MSc in Computer Science ITALY</b>
<b>Carried out work activities (%)</b>	<b>50</b>	<b>69,5</b>
studying workers	10	8,8
other work activities undertaken on a full-time ongoing basis	6,7	6,1
part-time work activities	20	18,4
occasional irregular or seasonal work activities	13,3	36,1
<b>no work experience</b>	<b>50</b>	<b>30,1</b>
<b>Work relevant to studies</b>	<b>26,7</b>	<b>38,8</b>

<b>7. Assessment of university experience</b>	<b>MSc in Computer Science BOLZANO</b>	<b>MSc in Computer Science ITALY</b>
<b>Expressed overall satisfaction with second-level degree course (%)</b>		
yes definitely	66,7	41,5
more yes than no	33,3	51
<b>Expressed overall satisfaction with relationships with academic staff (%)</b>		
yes definitely	46,7	26,5
more yes than no	50	64,1
<b>Expressed satisfaction with relationships with other students (%)</b>		
yes definitely	60	62,7
more yes than no	30	31,6
<b>Assessment of classrooms (%)</b>		
always or almost always adequate	66,7	47,3
often adequate	26,7	41,3
<b>Assessment of IT workstations</b>		
available in adequate number	86,7	66,3
available, but not in adequate number	10	27,1
<b>Assessment of library facilities (availability of loans/reference books, opening times, etc.) (%)</b>		
definitely positive	83,3	31,3
fairly positive	13,3	44,3
<b>Stated that academic workload was sustainable (%)</b>		
yes definitely	43,3	29,9
more yes than no	53,3	59,9
<b>Would enrol again on a second-level degree? (%)</b>		
yes, on the same second-level course and at the same university	73,3	79,9
yes, at the same university but on a different second-level course	13,3	3,4
yes, on the same second-level course but at a different university	6,7	7,2
yes, but on a different second-level course and at a different university	3,3	4,2
would not enrol again on a second-level degree course	-	4,6

<b>8. Foreign language and it skills</b>	<b>MSc in Computer Science BOLZANO</b>	<b>MSc in Computer Science ITALY</b>
<b>Foreign languages: "at least good" command (%)</b>		
written English	93,3	82,8
spoken English	90	65,1
written French	20	7,3
spoken French	20	7,3
written Spanish	10	5,5
spoken Spanish	16,7	5,7
written German	6,7	1,3
spoken German	10	1,5
<b>IT tools: "at least good" skills (%)</b>		
web surfing	96,7	98,8
word processing	96,7	94,8
spreadsheets (Excel, etc.)	90	91,8
operating systems	93,3	94,5
multimedia (sound, image and video processing)	33,3	69,8
programming languages	93,3	96,4
data bases (Oracle, SQL server, Access, etc.)	86,7	85,2
web site engineering	80	86,1
data transmission networks	66,7	78
CAD/CAM/CAE - assisted design	16,7	24,3

<b>9. Prospects for further studies</b>	<b>MSc in Computer Science BOLZANO</b>	<b>MSc in Computer Science ITALY</b>
<b>Intending to pursue postgraduate studies (%)</b>	<b>53,3</b>	<b>24</b>
first level degree	-	0,1
other second-level degree	6,7	0,7
PhD	40	17,1
postgraduate school	-	0,3
academic master	3,3	1,6
other type of postgraduate or advanced training course	-	1
internship/practice	-	0,1
activity financed by scholarship or study allowance	-	0,7
other activities aimed at the acquisition of professional skills	3,3	1,9
<b>not intending to pursue postgraduate studies</b>	<b>46,7</b>	<b>75,7</b>

10. Employment prospects	MSc in Computer Science BOLZANO	MSc in Computer Science ITALY
<b>Interested in working in the following company sectors: yes, definitely (%)</b>		
purchases	10	10,9
administration, accounting	13,3	18
technical assistance	10	21,1
commercial, sales	16,7	13,2
management control	23,3	24,9
finance	10	14,7
legal	3,3	8,1
logistics, distribution	10	17,4
marketing, communication, public relations	3,3	20,8
organisation, planning	26,7	35,2
production	10	26,6
research and development	56,7	67,8
human resources, personnel selection, training	10	21,6
secretary, general affairs	6,7	10,2
information systems, EDP	60	61,7
<b>Aspects considered important in job-seeking: yes, definitely (%)</b>		
acquisition of professional skill	70	77,4
career prospects	66,7	68,4
earning prospects	66,7	60,8
relevance to studies completed	36,7	47,2
relevance to cultural interests	26,7	32,2
job security	56,7	63,6
independence or autonomy	30	36,2
amount of spare time	40	25,7
<b>Type of work sought (%)</b>		
no preference	40	55,8
public-sector subordinate employment	6,7	10,8
private-sector subordinate employment	43,3	26,9
non-subordinate/self-employed	6,7	5,5
<b>Willingness to work by type of labour contract: yes, definitely (%)</b>		
<b>WORKING TIME</b>		
full time	80	92,5
part time	16,7	25
<b>LABOUR CONTRACT</b>		
permanent contract	63,3	91,5
fixed-term contract	46,7	32,8
collaboration contracts (including project contracts)	26,7	15,7
first job contract (former apprenticeship contract)	20	13,6
in-house company training	16,7	7
apprenticeship	10	6,7
temporary work	6,7	5,2
teleworking	23,3	11,1
self employed	26,7	29,6
<b>Willingness to work in the following geographical areas: yes, definitely (%)</b>		
province of residence	60	78,1
location of studies	46,7	73,5
northern Italy	40	39,5

central Italy	10	34,9
southern Italy	10	27,1
European country	50	44
non-European country	36,7	33,2
<b>Willingness to accept mobility (%)</b>		
yes, including changing residence	53,3	37,7
yes, even frequently (but without changes of residence)	10	36,7
yes, but only in a limited number	20	21,4
not willing to accept mobility		

 May 2011 - Consorzio Interuniversitario AlmaLaurea  
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