

Where did the 2002 Mathematics graduates go?

I. Introduction

The information in this paper is extracted from the Graduate Employment Survey of 2002 to answer the following questions about Bachelor of Science in Mathematics graduates :-

- How many were employed six months after graduation?
- Among those who pursued further studies, what programmes were they enrolled in?
- Among those who were employed full-time, how long did it take them to get their first job offer?
- In which sectors were they employed?
- How much salary did they receive?
- How many job offers did they receive?
- Who were their employers and what were their job titles?

II. Employment Situations in 2002

Of the 20 graduates from this programme, 19 responded to the survey. Their employment situations are listed below.

	Mathematics				HKU Overall*			
	2002		2001		2002		2001	
	No.	%	No.	%	No.	%	No.	%
No. of respondents	19	100%	27	100%	2139	100%	2356	100%
Employed	9	47%	21	78%	1546	72%	1775	75%
Unemployed seeking F/T job	0	0%	0	0%	18	0.8%	83	3.5%
Further Studies	9	47%	6	22%	554	26%	473	20%
Emigrated/Returned to home country	0	0%	0	0%	3	0.1%	1	0.1%
Not seeking F/T job	1	5.3%	0	0%	18	0.8%	24	1.0%

* HKU Overall refers to the figure for the total HKU population and includes M.B.,B.S. and B.D.S. graduates.

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III. Further Studies

9 graduates proceeded to postgraduate studies. The tables below show the academic programmes that they pursued and their sources of funds.

Field of Study	Academic Programme		
	M.Phil.	Master (Coursework)	Bachelor's Degree
Law	-	-	1
Science	6	1	-

No Response = 1

Source of Funds	No. of Graduates
Full Scholarship	2
Own Funds	1
Teaching Assistantship/Studentship	5

No Response = 1

IV. Time Taken to Secure Employment

The time taken for graduates to secure employment is shown below.

By the end of	% of new graduates who have secured employment	
	2002	2001
May or before	11%	0%
June	33%	14%
July	33%	33%
August	67%	67%
September	100%	86%
October	100%	90%
November	100%	95%
December	100%	100%

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V. Employment Sectors

The majority of Mathematics graduates were employed in Educational Institutions, while others were employed in Commerce & Industry.

Sector	% of graduates	
	2002	2001
Educational Institutions	78%	29%
Commerce & Industry	22%	57%
Community, Social & Personal Services	0%	14%

VI. Basic Salary and Gross Income

The remuneration received by Mathematics graduates is shown below.

	Basic Salary				Gross Income			
	Mathematics		HKU Average*		Mathematics		HKU Average*	
	2002	2001	2002	2001	2002	2001	2002	2001
Mean	\$13,887	\$10,621	\$13,507	\$15,327	\$14,078	\$11,026	\$14,410	\$16,152
Median	\$14,100	\$10,000	\$10,300	\$12,200	\$14,100	\$10,308	\$11,000	\$13,217
Minimum	\$7,000	\$5,800	\$2,000	\$2,000	\$8,000	\$7,500	\$2,000	\$5,000
Maximum	\$27,211	\$17,100	\$75,000	\$45,000	\$27,211	\$17,100	\$95,833	\$49,000

* HKU Average refers to the figure for the total HKU population and includes M.B.,B.S. and B.D.S. graduates.

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VII. Number of Full-Time Job Offers

The number of job offers received by Mathematics graduates is shown in the following table.

No. of job offers received	No. of graduates (% of graduates)
One	6 (67%)
Two	2 (22%)
Three	1 (11%)

VIII. Names of Employers and Job Titles

The job titles of Mathematics graduates in full-time employment and the names of their employers are listed below.

<u>Employers</u>	<u>Job Titles</u>
Educational Institutions -	
- Bishop Hall Jubilee School	- Graduate Master
- CCC Heep Woh College	- Certificate Master
- Sing Yin Secondary School	- Teacher
- The University of Hong Kong - Department of Civil Engineering	- Research Assistant
- The University of Hong Kong - Department of Social Work and Social Administration	- Computer Technician
- The University of Hong Kong - SPACE	- Executive Assistant II
- Yan Chai Hospital No2 Secondary School	- Teacher
Commerce and Industry -	
- Classroom Publications Ltd	- Mathematics Editor
- Top Green International Limited	- Management Trainee

Note: Some of the 2002 graduates indicated willingness to talk to individual students about their work. Contact numbers can be obtained from counsellors at the CePc.



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- IX.** Similar information on graduates from other disciplines is available for reference in the Careers Library.
Please contact the CePc for further details.

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The analysis is based on information provided by the respondents, and the Careers Education & Placement Centre should not be held responsible for any errors arising therefrom.

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