

Where did the 2004 Mathematics graduates go?

I. Introduction

The information in this paper is extracted from the Graduate Employment Survey of 2004 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 2004

Of the 17 graduates from this programme, 15 responded to the survey. Their employment situations are listed below.

	Mathematics				HKU Overall*			
	2004		2003		2004		2003	
	No.	%	No.	%	No.	%	No.	%
No. of respondents	15	100%	21	100%	2361	100%	2364	100%
Employed	5	33%	13	62%	1787	76%	1712	72%
Unemployed seeking F/T job	1	6.7%	0	0%	15	0.6%	7	0.3%
Further Studies	9	60%	8	38%	531	22%	625	26%
Emigrated/Returned to home country	0	0%	0	0%	7	0.3%	3	0.1%
Not seeking F/T job	0	0%	0	0%	21	0.9%	17	0.7%

* 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)	Postgraduate Certificate
Education	-	-	6
Science	2	-	-
Others	-	1	-

Source of Funds	No. of Graduates
Own Funds	5
Government Grant + Loan	2
Teaching Assistantship/Studentship	2

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	
	2004	2003
May or before	0%	25%
June	25%	50%
July	75%	63%
August	100%	88%
September	100%	88%
October	100%	100%

No Response = 1

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V. Employment Sectors

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

Sector	% of graduates	
	2004	2003
Commerce & Industry	80%	56%
Educational Institutions	20%	22%
Community, Social & Personal Services	0%	22%

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*	
	2004	2003	2004	2003	2004	2003	2004	2003
Mean	\$10,523	\$9,250	\$12,550	\$12,545	\$10,523	\$9,551	\$13,374	\$13,470
Median	\$9,200	\$8,250	\$10,000	\$9,500	\$9,200	\$8,500	\$10,292	\$10,000
Minimum	\$7,000	\$5,000	\$3,000	\$3,000	\$7,000	\$5,200	\$3,500	\$3,000
Maximum	\$16,693	\$17,000	\$55,000	\$60,000	\$16,693	\$17,000	\$62,500	\$60,000

* 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	2 (50%)
Two	2 (50%)

No Response = 1

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 -	
- Heung To Secondary School (TKO)	- Teacher
Commerce and Industry -	
- Lucky Plastic Factory Ltd	- Sales Executive Assistant
- Steak Expert Holdings Ltd	- Clerk
- TG Holbron (HK) Ltd	- Portfolio Consultant
- Organization's name not reported	- Clerk

Note: Some of the 2004 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.

Careers Education and Placement Centre
4/F Wong Chuang Lai Wah Building
Meng Wah Complex
The University of Hong Kong
Pokfulam Road
Hong Kong

Telephone : 2859 2315
Fax : 2559 5238
E-Mail : ges@cepc.hku.hk
Homepage : <http://www.hku.hk/cepc>

Opening Hours : Monday - Friday (9:00 a.m. to 5:30p.m.)
Saturday (9:00 a.m. to 12:00 p.m.)

Hayson Yuen

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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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