

Where did the 2001 Mathematics graduates go?

THE UNIVERSITY OF HONG KONG



Careers Education and Placement Centre

I. Introduction

The information in this paper is extracted from the Graduate Employment Survey of 2001 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 Situation in 2001

Of the 32 graduates from this programme, 27 responded to the survey. Their employment situations are listed below.

	Mathematics				HKU Overall*			
	2001		2000		2001		2000	
	No.	%	No.	%	No.	%	No.	%
No. of respondents	27	100%	21	100%	2356	100%	2575	100%
Employed	21	78%	14	67%	1775	75%	2030	79%
Unemployed seeking F/T job	0	0.0%	3	14%	83	3.5%	59	2.3%
Further Studies	6	22%	4	19%	473	20%	461	18%
Emigrated/Returned to home country	0	0%	0	0%	1	0.1%	2	0.1%
Not seeking F/T job	0	0%	0	0%	24	1.0%	23	0.9%

* 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

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

<i>Field of Study</i>	<i>Academic Programme</i>	
	<i>M.Phil.</i>	<i>Postgraduate Certificate</i>
Education	-	2
Science	4	-

Source of Funds	No. of Graduates
Full Scholarship	1
Own Funds	2
Government Grant + Loan	1
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	
	2001	2000
May or before	0%	7.7%
June	14%	38%
July	33%	38%
August	67%	62%
September	86%	85%
October	90%	92%
November	95%	92%
December	100%	100%

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V. Employment Sectors

The majority of mathematics graduates were employed in commerce & industry, while others were employed in educational institutions and the community, social & personal services.

Sector	% of graduates	
	2001	2000
Commerce & Industry	57%	54%
Educational Institutions	29%	23%
Community, Social & Personal Services	14%	7.7%
Civil Service	0%	15%

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*	
	2001	2000	2001	2000	2001	2000	2001	2000
Mean	\$10,621	\$10,732	\$15,327	\$14,125	\$11,026	\$11,807	\$16,152	\$15,448
Median	\$10,000	\$10,000	\$12,200	\$12,000	\$10,308	\$11,410	\$13,217	\$13,000
Minimum	\$5,800	\$6,000	\$2,000	\$1,300	\$7,500	\$6,600	\$5,000	\$3,000
Maximum	\$17,100	\$17,100	\$45,000	\$58,000	\$17,100	\$17,100	\$49,000	\$74,967

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

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	11 (55%)
Two	6 (30%)
Four	1 (5.0%)
Five	1 (5.0%)
Eight or more	1 (5.0%)

No Response = 1

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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 -	
- Lui Ming Choi Primary School	- Teacher
- Ning Po College	- Teacher
- Shue Yan Secondary School	- Teacher
- Times College	- Teacher
- Times College	- Teacher
- Organization's name not reported	- IT Assistant
Community, Social and Personal Service -	
- Hong Kong Campus Crusade for Christ	- GCTC Trainee
- Modern International Educational Association	- Tutor
- Tung Wah Group of Hospitals	- Clerical Assistant
Commerce and Industry -	
- Adidas Hong Kong Ltd	- Sales Personnel
- AIG	- Financial Planner
- Asia & Pacific New Development Ltd	- Manager Assistant
- Cathay Pacific Airlines	- Flight Attendant
- Citybase Property Management Ltd	- Customer Services Assistant
- Good Yield Property Management Ltd	- Property Management Officer
- Mass Mutual Asia Ltd	- Officer
- Outblaze Ltd	- Customer Support Officer
- Oxford University Press (HK) Ltd	- Editorial Assistant
- Suntex Trading Company	- Executive Officer
- Organization's name not reported	- Marketing Executive
- Organization's name not reported	- Trading Executive

Note: Some of the 2001 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
3/F Wong Chuang Lai Wah Building
Meng Wah Complex
The University of Hong Kong
Pokfulam Road
Hong Kong

Telephone : 2859 2314
Fax : 2559 5238
E-Mail : cepc@hkucc.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.)

Amy Cheung

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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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