

GRADUATE EMPLOYMENT SURVEY

5,900 full-time graduates and 28 follow-up graduates from NTU were surveyed in November 2018 and the overall response rates obtained were 75.9% and 96.4% respectively.

NTU: 2018 GES Employment Rates¹ and Salaries of Graduates by Bachelor Degree

Degree	Overall Employment Rate ²	Full-Time Permanent Employment Rate ³	Basic Monthly Salary ⁴		Gross Monthly Salary ⁵			
			Mean	Median	Mean	Median	25 th Percentile	75 th Percentile
College of Business (Nanyang Business School)								
Accountancy	94.6%	92.2%	\$3,214	\$3,000	\$3,245	\$3,000	\$3,000	\$3,200
Accountancy and Business	99.2%	97.7%	\$4,391	\$4,000	\$4,456	\$4,000	\$3,600	\$4,633
Business	92.6%	84.3%	\$3,646	\$3,500	\$3,776	\$3,500	\$3,200	\$4,000
Business and Computing*	100.0%	100.0%	\$4,536	\$4,450	\$4,572	\$4,575	\$4,200	\$4,900
College of Engineering								
Aerospace Engineering	95.3%	88.4%	\$3,710	\$3,625	\$3,873	\$3,800	\$3,365	\$4,280
Aerospace Engineering and Economics**	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Bioengineering	77.5%	66.2%	\$3,457	\$3,500	\$3,660	\$3,500	\$3,200	\$4,000
Business and Computer Engineering**	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Chemical & Biomolecular Engineering	91.6%	86.0%	\$3,461	\$3,500	\$3,782	\$3,600	\$3,300	\$4,200
Chemical & Biomolecular Engineering and Economics**	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Civil Engineering	96.5%	96.5%	\$3,521	\$3,400	\$3,597	\$3,500	\$3,200	\$3,816
Computer Engineering	95.8%	95.8%	\$3,749	\$3,700	\$3,865	\$3,775	\$3,400	\$4,200
Computer Engineering and Economics**	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Computer Science	94.4%	93.0%	\$3,970	\$3,800	\$4,062	\$4,000	\$3,500	\$4,500
Electrical & Electronic Engineering	92.7%	91.0%	\$3,625	\$3,500	\$3,772	\$3,600	\$3,323	\$4,000
Environmental Engineering	92.1%	81.6%	\$3,388	\$3,360	\$3,485	\$3,400	\$3,000	\$3,500
Environmental Engineering and Economics**	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Information Engineering & Media	93.2%	89.0%	\$3,724	\$3,725	\$3,796	\$3,750	\$3,500	\$4,140
Maritime Studies	93.3%	90.0%	\$3,351	\$3,300	\$3,409	\$3,350	\$3,000	\$3,640
Materials Engineering	86.5%	81.9%	\$3,457	\$3,400	\$3,673	\$3,500	\$3,200	\$4,000
Mechanical Engineering	85.6%	81.1%	\$3,448	\$3,500	\$3,653	\$3,500	\$3,200	\$4,000
College of Humanities, Arts and Social Sciences								
Art, Design & Media	85.7%	53.8%	\$2,930	\$2,800	\$2,986	\$3,000	\$2,600	\$3,300
Chinese	86.4%	76.3%	\$3,149	\$3,150	\$3,260	\$3,500	\$3,000	\$3,518
Communication Studies	95.0%	84.2%	\$3,085	\$3,000	\$3,166	\$3,000	\$2,750	\$3,500
Economics	90.1%	84.0%	\$3,604	\$3,500	\$3,755	\$3,536	\$3,200	\$3,959
English	81.6%	59.2%	\$3,051	\$3,000	\$3,124	\$3,000	\$2,600	\$3,500
History	74.4%	56.4%	\$3,593	\$3,500	\$3,719	\$3,500	\$3,260	\$4,150
Linguistics & Multilingual Studies	79.2%	45.8%	\$3,074	\$3,200	\$3,091	\$3,200	\$2,900	\$3,500
Philosophy	80.0%	76.0%	\$3,031	\$3,000	\$3,126	\$3,000	\$2,550	\$3,500
Psychology	90.1%	78.0%	\$3,316	\$3,300	\$3,389	\$3,380	\$3,000	\$3,684
Public Policy and Global Affairs	80.6%	71.0%	\$3,501	\$3,350	\$3,619	\$3,350	\$3,050	\$4,018
Sociology	80.2%	60.4%	\$3,275	\$3,175	\$3,374	\$3,220	\$3,000	\$3,841
College of Science								
Biological Sciences	80.1%	67.0%	\$3,232	\$3,200	\$3,319	\$3,250	\$3,035	\$3,650
Biomedical Sciences**	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Biomedical Sciences & Chinese Medicine ⁶ *	90.9%	81.8%	\$2,941	\$3,000	\$2,953	\$3,000	\$2,700	\$3,100
Chemistry & Biological Chemistry	77.6%	63.9%	\$3,205	\$3,167	\$3,427	\$3,200	\$3,000	\$3,725
Environmental Earth Systems Science*	76.2%	57.1%	\$3,347	\$3,440	\$3,562	\$3,500	\$3,200	\$4,000
Mathematical Sciences	87.1%	75.9%	\$3,661	\$3,600	\$3,744	\$3,650	\$3,360	\$4,000
Mathematics & Economics	96.3%	83.3%	\$3,481	\$3,500	\$3,569	\$3,600	\$3,200	\$4,000
Physics & Applied Physics	80.2%	74.1%	\$3,468	\$3,300	\$3,576	\$3,400	\$3,025	\$3,800

Degree	Overall Employment Rate ²	Full-Time Permanent Employment Rate ³	Basic Monthly Salary ⁴		Gross Monthly Salary ⁵			
			Mean	Median	Mean	Median	25 th Percentile	75 th Percentile
National Institute Of Education (NIE)⁷								
Arts (With Education)	100.0%	99.2%	\$3,618	\$3,750	\$3,751	\$3,800	\$3,600	\$3,806
Science (With Education)	100.0%	100.0%	\$3,600	\$3,800	\$3,738	\$3,800	\$3,600	\$4,000
Sport Science and Management								
Sport Science and Management	87.0%	61.1%	\$3,172	\$3,200	\$3,382	\$3,300	\$3,000	\$3,600
Lee Kong Chian School of Medicine								
Medicine	Data on Medicine graduates will be obtained from a follow-up survey on the graduates after they have completed their housemanship/first-year residency.							

Source: Graduate Employment Survey jointly conducted by NTU, NUS, SIT, SMU, SUSS and SUTD

Notes:

- The employment rates refer to the number of graduates employed as a proportion of graduates in the labour force (i.e. those who were working, or not working but actively looking and available for work) as at 1 November 2018 (i.e. approximately six months after completing their final examinations).
- Overall employment rate refers to the number of graduates working on a full-time permanent, part-time, temporary or freelance basis, as a proportion of graduates in the labour force (i.e. those who were working, or not working but actively looking and available for work).
- Full-time permanent employment refers to employment of at least 35 hours a week and where the employment is not temporary. It includes those on contracts of one year or more.
- Basic monthly salary pertains only to full-time permanently employed graduates. It comprises basic pay before deduction of the employee's CPF contributions and personal income tax. Employer's CPF contributions, bonuses, stock options, overtime payments, commissions, fixed allowances, other regular cash payments, lump sum payments, and payments-in-kind are excluded.
- Gross monthly salary pertains only to full-time permanently employed graduates. It comprises basic salary, overtime payments, commissions, fixed allowances and other regular cash payments, before deductions of the employee's CPF contributions and personal income tax. Employer's CPF contributions, bonuses, stock options, lump sum payments, and payments-in-kind are excluded.
- Data on Biomedical Sciences & Chinese Medicine graduates is obtained from a follow-up survey on 2017 graduates after they have completed their practical training.
- National Institute of Education (NIE) is an autonomous institute of NTU.
- *: Data is based on a sample size of fewer than 30 respondents.
- ** : No data is shown due to the small number of graduates and/or low response rates.

Frequently Asked Questions:

1. What is the difference between mean and median salaries?

The mean monthly salary is an average of the salaries of the full-time permanently employed graduates. The median monthly salary is the salary of the 'central' (i.e. 50th Percentile) graduate amongst the full-time permanently employed graduates when they are arranged by salary. It is useful to refer to these two indicators together. The median is a useful reference when the salaries are not symmetrically distributed (e.g. when the group contains graduates with exceptionally low or high salaries, especially when the number of respondents is relatively small).

For example, the median gross monthly salary for NTU Business graduates shows that 50% of the graduates are earning more than \$3,500, and the mean gross monthly salary is \$3,776. This indicates that there are some high earners who have raised the mean salary. In contrast, the mean gross monthly salary of Business and Computing graduates is relatively similar to the median gross monthly salary. This indicates that the salaries are more evenly distributed on both sides of the median for this group of graduates.

2. What do the 25th and 75th percentile gross monthly salaries indicate?

If there are 100 students from that course who responded, then the 25th percentile (i.e. the lower quartile) gross monthly salary indicates that 25 graduates earn less than that salary, and the 75th percentile (i.e. the upper quartile) indicates that 75 graduates earn less than the gross monthly salary indicated.

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