

GRADUATE EMPLOYMENT SURVEY

5,836 graduates from NTU were surveyed in November 2016 and the overall response rate obtained was 77.0%.

NTU: 2016 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	97.3%	95.1%	\$3,027	\$2,900	\$3,063	\$2,900	\$2,900	\$3,100
Accountancy and Business	97.4%	96.6%	\$3,836	\$3,500	\$3,893	\$3,500	\$3,100	\$4,250
Business	89.6%	77.1%	\$3,348	\$3,200	\$3,444	\$3,300	\$3,000	\$3,800
Business and Computing	94.4%	94.4%	\$4,232	\$4,000	\$4,407	\$4,600	\$3,800	\$5,000
College of Engineering								
Aerospace Engineering	82.4%	77.9%	\$3,761	\$3,625	\$3,840	\$3,675	\$3,350	\$4,435
Aerospace Engineering and Economics**	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Bioengineering	77.8%	63.9%	\$3,151	\$3,200	\$3,317	\$3,237	\$3,000	\$3,510
Business and Computer Engineering**	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Chemical And Biomolecular Engineering	80.6%	72.6%	\$3,336	\$3,225	\$3,476	\$3,400	\$3,200	\$3,800
Civil Engineering	92.4%	91.6%	\$3,407	\$3,250	\$3,505	\$3,300	\$3,200	\$3,800
Computer Engineering	83.3%	75.9%	\$3,792	\$3,500	\$3,833	\$3,500	\$3,300	\$4,420
Computer Science	94.6%	91.4%	\$3,784	\$3,500	\$3,848	\$3,500	\$3,300	\$4,333
Electrical And Electronic Engineering	89.1%	83.6%	\$3,443	\$3,300	\$3,517	\$3,400	\$3,190	\$3,800
Environmental Engineering	80.6%	74.2%	\$3,156	\$3,100	\$3,216	\$3,100	\$2,800	\$3,400
Information Engineering And Media	94.6%	87.5%	\$3,496	\$3,350	\$3,570	\$3,350	\$3,000	\$4,000
Maritime Studies	94.2%	88.5%	\$3,305	\$3,300	\$3,328	\$3,398	\$3,083	\$3,500
Materials Engineering	81.3%	73.5%	\$3,197	\$3,200	\$3,317	\$3,300	\$3,000	\$3,500
Materials Engineering and Economics**	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Mechanical Engineering	86.0%	79.9%	\$3,417	\$3,300	\$3,505	\$3,350	\$3,050	\$3,959
Mechanical Engineering and Economics**	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
College of Humanities, Arts & Social Sciences								
Art, Design & Media	79.7%	46.6%	\$2,718	\$2,700	\$2,761	\$2,700	\$2,500	\$3,000
Chinese	91.1%	74.7%	\$3,239	\$3,300	\$3,345	\$3,300	\$3,050	\$3,500
Communication Studies	87.7%	69.6%	\$2,938	\$2,900	\$2,996	\$3,000	\$2,575	\$3,365
Economics	91.3%	79.3%	\$3,385	\$3,300	\$3,440	\$3,300	\$3,000	\$3,850
English	75.0%	54.2%	\$2,974	\$3,000	\$2,997	\$3,000	\$2,700	\$3,400
History	87.2%	76.6%	\$3,027	\$3,000	\$3,082	\$3,000	\$2,700	\$3,500
Linguistics And Multilingual Studies	81.8%	61.8%	\$3,283	\$3,315	\$3,368	\$3,365	\$2,960	\$3,500
Psychology	82.1%	66.7%	\$3,083	\$3,100	\$3,136	\$3,200	\$2,800	\$3,500
Public Policy And Global Affairs**	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Sociology	86.1%	63.9%	\$3,279	\$3,300	\$3,480	\$3,500	\$3,000	\$3,850
College of Sciences								
Biomedical Sciences & Chinese Medicine ⁶	94.4%	88.9%	\$2,525	\$2,400	\$2,577	\$2,500	\$2,150	\$2,800
Biological Sciences	80.5%	64.0%	\$3,132	\$3,100	\$3,222	\$3,175	\$3,000	\$3,550
Chemistry & Biological Chemistry	80.6%	64.2%	\$3,119	\$3,000	\$3,234	\$3,149	\$2,925	\$3,500
Mathematical Sciences	88.5%	76.9%	\$3,453	\$3,400	\$3,535	\$3,500	\$3,200	\$3,750
Mathematics & Economics	89.4%	72.7%	\$3,346	\$3,150	\$3,458	\$3,300	\$3,000	\$3,750
Physics / Applied Physics	85.7%	77.1%	\$3,578	\$3,350	\$3,683	\$3,450	\$3,100	\$4,000
Sports Science and Management								
Sports Science and Management	83.1%	66.1%	\$3,196	\$3,100	\$3,272	\$3,200	\$2,825	\$3,500
National Institute of Education (NIE)								
Arts (with Education) ⁷	100.0%	100.0%	\$3,337	\$3,500	\$3,525	\$3,525	\$3,400	\$3,615
Science (with Education) ⁷	100.0%	100.0%	\$3,438	\$3,500	\$3,546	\$3,525	\$3,500	\$3,850

Source: Graduate Employment Survey jointly conducted by NTU, NUS, SIT, SMU 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 2016 (i.e. approximately six months after completing their final examinations).
- Overall employment includes all types of full-time, part-time, temporary and freelance employment.

3. 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.
4. Basic monthly salary pertains only to full-time permanently employed graduates. It comprises basic pay before deductions 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.
5. Gross monthly salary pertains only to full-time permanently employed graduates. It comprises the 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.
6. Data on Biomedical Sciences & Chinese Medicine graduates is obtained from a follow-up survey on 2015 graduates after they have completed their practical training.
7. National Institute of Education (NIE) is an autonomous institute of NTU.
8. **: 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 in a set of full-time permanently employed graduates when they are arranged in a sequential order by salary. It is useful to refer to these 2 indicators together. The median is a useful reference when the salary data is not evenly 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, although the median gross monthly salary for the Computer Science course offered by NTU shows that 50% of the graduates are earning more than \$3,500, and the mean gross monthly salary is about \$3,848. This indicates that there are some high earners who have raised the mean salary. In contrast, the mean gross monthly salary of Linguistics and Multilingual Studies 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 75 graduates earn more than that salary, and the 75th percentile (i.e. the upper quartile) indicates that 25 graduates earn more than the gross monthly salary indicated.

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