

GRADUATE EMPLOYMENT SURVEY

6,609 fresh graduates and 870 follow-up graduates from NUS were surveyed in November 2019 and the overall response rates obtained were 77.9% and 74.7% respectively.

NUS: 2019 GES Employment Rates¹ and Salaries of Graduates by Bachelor Degree

Degree	Proportion of Graduates in the Labour Force who were		Basic Monthly Salary ⁴		Gross Monthly Salary ⁵			
	Employed ²	In Full-Time Permanent Employment ³	Mean	Median	Mean	Median	25 th Percentile	75 th Percentile
Faculty of Arts & Social Sciences								
Bachelor of Arts	84.9%	64.5%	\$3,225	\$3,000	\$3,456	\$3,200	\$2,800	\$3,700
Bachelor of Arts (Hons)	92.7%	68.2%	\$3,421	\$3,500	\$3,537	\$3,500	\$3,250	\$3,800
Bachelor of Social Sciences	88.0%	75.9%	\$3,590	\$3,500	\$3,674	\$3,500	\$3,212	\$3,850
Faculty of Dentistry								
Bachelor of Dental Surgery	100.0%	97.3%	\$4,057	\$4,200	\$4,068	\$4,200	\$4,000	\$4,500
Faculty of Engineering								
Bachelor of Engineering (Biomedical Engineering)	80.4%	68.6%	\$3,480	\$3,500	\$3,535	\$3,500	\$3,200	\$3,800
Bachelor of Engineering (Chemical Engineering)	92.4%	86.7%	\$3,802	\$3,700	\$3,959	\$3,950	\$3,500	\$4,300
Bachelor of Engineering (Civil Engineering)	95.0%	93.0%	\$3,685	\$3,500	\$3,746	\$3,600	\$3,400	\$4,025
Bachelor of Engineering (Electrical Engineering)	89.6%	85.2%	\$3,957	\$3,800	\$4,101	\$4,000	\$3,600	\$4,600
Bachelor of Engineering (Engineering Science)*	84.6%	84.6%	\$4,115	\$3,500	\$4,285	\$3,750	\$3,400	\$5,200
Bachelor of Engineering (Environmental Engineering)	89.5%	80.7%	\$3,473	\$3,400	\$3,569	\$3,400	\$3,200	\$3,900
Bachelor of Engineering (Industrial and Systems Engineering)	97.6%	96.5%	\$4,303	\$3,850	\$4,451	\$4,000	\$3,500	\$4,600
Bachelor of Engineering (Materials Science and Engineering)	78.6%	76.2%	\$3,796	\$3,700	\$4,086	\$4,000	\$3,700	\$4,600
Bachelor of Engineering (Mechanical Engineering)	88.6%	86.7%	\$3,745	\$3,500	\$3,847	\$3,700	\$3,400	\$4,300
Faculty of Law								
Bachelor of Laws ⁶	95.7%	93.0%	\$5,068	\$5,000	\$5,160	\$5,400	\$4,500	\$5,800
Faculty of Science								
Bachelor of Science	84.0%	59.3%	\$3,181	\$3,000	\$3,320	\$3,100	\$2,900	\$3,600
Bachelor of Science (Hons)*	88.5%	72.3%	\$3,510	\$3,355	\$3,605	\$3,500	\$3,100	\$3,800
Bachelor of Science (Computational Biology)**	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Bachelor of Science (Pharmacy) ⁶	100.0%	95.5%	\$3,648	\$3,600	\$3,840	\$3,750	\$3,500	\$4,000
NUS Business School								
Bachelor of Business Administration	100.0%	82.6%	\$4,799	\$4,000	\$4,925	\$4,000	\$3,400	\$5,500
Bachelor of Business Administration (Hons)	95.5%	91.0%	\$4,451	\$4,000	\$4,593	\$4,150	\$3,500	\$5,000
Bachelor of Business Administration (Accountancy)*	93.8%	93.8%	\$3,897	\$3,000	\$4,005	\$3,000	\$3,000	\$3,800
Bachelor of Business Administration (Accountancy) (Hons)	97.8%	97.8%	\$4,008	\$3,500	\$4,093	\$3,600	\$3,000	\$4,500
School of Computing								
Bachelor of Computing (Computer Science)	92.8%	90.6%	\$5,477	\$5,000	\$5,571	\$5,000	\$4,205	\$5,585
Bachelor of Computing (Electronic Commerce)**	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Bachelor of Computing (Information Security)**	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Bachelor of Computing (Information Systems)	95.9%	95.9%	\$4,210	\$4,000	\$4,330	\$4,228	\$4,000	\$4,685
Bachelor of Science (Business Analytics)	100.0%	100.0%	\$4,811	\$5,000	\$4,881	\$5,000	\$4,050	\$5,200
School of Design & Environment								
Bachelor of Arts (Architecture) ⁶	100.0%	96.0%	\$4,156	\$4,010	\$4,199	\$4,100	\$3,800	\$4,500
Bachelor of Arts (Industrial Design)*	86.2%	48.3%	\$3,142	\$3,200	\$3,245	\$3,300	\$3,000	\$3,500
Bachelor of Science (Project and Facilities Management)	88.3%	80.6%	\$3,189	\$3,100	\$3,243	\$3,155	\$3,000	\$3,480
Bachelor of Science (Real Estate)	95.3%	89.6%	\$3,431	\$3,400	\$3,494	\$3,400	\$3,100	\$3,650

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	Employed ²	In Full-Time Permanent Employment ³	Mean	Median	Mean	Median	25 th Percentile	75 th Percentile
Yong Loo Lin School (Medicine)								
Bachelor of Medicine and Bachelor of Surgery ⁶	99.5%	99.5%	\$4,607	\$4,600	\$5,218	\$5,237	\$4,950	\$5,657
Bachelor of Science (Nursing)	93.5%	89.1%	\$3,123	\$3,250	\$3,314	\$3,358	\$3,200	\$3,450
Bachelor of Science (Nursing) (Hons)	98.8%	97.5%	\$3,389	\$3,450	\$3,612	\$3,650	\$3,515	\$3,750
YST Conservatory of Music								
Bachelor of Music	82.6%	39.1%	\$3,531	\$3,500	\$3,575	\$3,500	\$2,875	\$3,900
Yale-NUS College								
Bachelor of Arts with Honours	96.0%	77.0%	\$4,066	\$3,600	\$4,197	\$3,684	\$3,400	\$4,567
Bachelor of Science with Honours*	94.7%	89.5%	\$6,962	\$5,000	\$7,139	\$5,000	\$4,150	\$9,967
Multi-Disciplinary Programmes								
Bachelor of Engineering (Computer Engineering)	92.9%	91.7%	\$4,653	\$4,000	\$4,732	\$4,000	\$3,750	\$4,900
Bachelor of Environmental Studies ⁷	88.4%	67.4%	\$3,329	\$3,300	\$3,332	\$3,325	\$3,000	\$3,600

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

Notes:

1. 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 2019 (i.e. approximately six months after completing their final examinations).
2. Employment refers to graduates working on a full-time permanent, part-time, temporary or freelance basis.
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 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.
5. 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.
6. Data on law, medicine and pharmacy graduates is obtained from a follow-up survey on 2018 graduates after they have completed their one-year practical law course/pupillage/housemanship/first-year residency/practical training. Data on architecture graduates is obtained from a follow-up survey on 2016 architecture graduates after they have completed their practical training.
7. The Bachelor of Environmental Studies degree is a multidisciplinary programme that allows students to specialise in either Environmental Biology within the Faculty of Science or Environmental Geography within the Faculty of Arts and Social Sciences.
8. *: Data is based on a sample size of fewer than 30 respondents.
9. **: 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 Bachelor of Engineering (Industrial and Systems Engineering) offered by NUS shows that 50% of the graduates are earning more than \$4,000, and the mean gross monthly salary is \$4,451. This indicates that there are some high earners who have raised the mean salary. In contrast, the mean gross monthly salary of Bachelor of Arts (Hons) 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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