

## GRADUATE EMPLOYMENT SURVEY

6,894 fresh graduates and 853 follow-up graduates from NUS were surveyed in November 2020 and the overall response rates obtained were 78.5% and 74.1% respectively.

### NUS: 2020 GES Employment Rates<sup>1</sup> and Salaries of Graduates by Bachelor Degree

Degree	Proportion of Graduates in the Labour Force who were		Basic Monthly Salary <sup>4</sup>		Gross Monthly Salary <sup>5</sup>			
	Employed <sup>2</sup>	In Full-Time Permanent Employment <sup>3</sup>	Mean	Median	Mean	Median	25 <sup>th</sup> Percentile	75 <sup>th</sup> Percentile
<b>Faculty of Arts &amp; Social Sciences</b>								
Bachelor of Arts	90.4%	39.8%	\$3,639	\$3,100	\$3,868	\$3,300	\$2,700	\$3,600
Bachelor of Arts (Hons)	93.1%	54.2%	\$3,529	\$3,500	\$3,586	\$3,500	\$3,300	\$3,854
Bachelor of Social Sciences	93.5%	65.3%	\$3,597	\$3,500	\$3,666	\$3,500	\$3,345	\$3,875
<b>Faculty of Dentistry</b>								
Bachelor of Dental Surgery	100.0%	100.0%	\$4,202	\$4,200	\$4,280	\$4,200	\$4,200	\$4,600
<b>Faculty of Engineering</b>								
Bachelor of Engineering (Biomedical Engineering)	95.8%	53.1%	\$3,500	\$3,500	\$3,577	\$3,500	\$3,300	\$3,740
Bachelor of Engineering (Chemical Engineering)	97.0%	78.2%	\$3,955	\$4,000	\$4,155	\$4,000	\$3,700	\$4,500
Bachelor of Engineering (Civil Engineering)	95.5%	86.5%	\$3,661	\$3,500	\$3,739	\$3,590	\$3,500	\$4,050
Bachelor of Engineering (Electrical Engineering)	91.0%	75.4%	\$4,256	\$4,000	\$4,370	\$4,200	\$3,800	\$5,000
Bachelor of Engineering (Engineering Science)*	91.3%	73.9%	\$4,499	\$4,000	\$4,584	\$4,000	\$3,765	\$5,000
Bachelor of Engineering (Environmental Engineering)	100.0%	63.2%	\$3,473	\$3,500	\$3,572	\$3,500	\$3,250	\$3,875
Bachelor of Engineering (Industrial and Systems Engineering)	97.2%	93.0%	\$4,236	\$4,010	\$4,337	\$4,380	\$3,700	\$4,800
Bachelor of Engineering (Materials Science and Engineering)	90.3%	66.1%	\$3,795	\$3,700	\$3,922	\$3,900	\$3,600	\$4,200
Bachelor of Engineering (Mechanical Engineering)	94.2%	69.6%	\$3,832	\$3,700	\$3,946	\$3,800	\$3,500	\$4,200
<b>Faculty of Law</b>								
Bachelor of Laws <sup>6</sup>	91.8%	86.8%	\$4,848	\$4,640	\$5,009	\$5,000	\$4,400	\$5,600
<b>Faculty of Science</b>								
Bachelor of Science	86.0%	42.1%	\$3,195	\$3,000	\$3,297	\$3,100	\$3,000	\$3,650
Bachelor of Science (Hons)	93.1%	57.4%	\$3,636	\$3,500	\$3,723	\$3,528	\$3,300	\$4,000
Bachelor of Science (Computational Biology)*	80.0%	40.0%	\$4,563	\$4,525	\$4,625	\$4,650	\$4,250	\$5,000
Bachelor of Science (Pharmacy) <sup>6</sup>	99.3%	93.7%	\$3,590	\$3,600	\$3,751	\$3,700	\$3,500	\$3,950
Bachelor of Science (Data Science and Analytics)*	100.0%	78.3%	\$4,417	\$4,125	\$4,456	\$4,125	\$3,900	\$4,900
<b>NUS Business School</b>								
Bachelor of Business Administration*	96.3%	66.7%	\$4,910	\$4,000	\$5,043	\$4,150	\$3,300	\$6,100
Bachelor of Business Administration (Hons)	94.9%	80.7%	\$4,459	\$4,000	\$4,579	\$4,000	\$3,600	\$5,000
Bachelor of Business Administration (Accountancy)*	90.9%	63.6%	\$4,443	\$3,500	\$4,443	\$3,500	\$2,800	\$5,500
Bachelor of Business Administration (Accountancy) (Hons)	96.8%	92.1%	\$3,951	\$3,400	\$4,050	\$3,500	\$3,000	\$4,425
<b>School of Computing</b>								
Bachelor of Computing (Computer Science)	97.1%	92.6%	\$5,576	\$5,100	\$5,735	\$5,243	\$4,400	\$6,316
Bachelor of Computing (Information Security)*	90.9%	90.9%	\$4,620	\$4,650	\$4,746	\$5,000	\$4,200	\$5,300
Bachelor of Computing (Information Systems)	98.6%	93.1%	\$4,591	\$4,495	\$4,764	\$4,500	\$4,000	\$5,400
Bachelor of Science (Business Analytics)	98.0%	84.3%	\$4,985	\$5,000	\$5,094	\$5,000	\$4,480	\$5,800
<b>School of Design &amp; Environment</b>								
Bachelor of Arts (Architecture) <sup>6</sup>	94.0%	91.0%	\$3,984	\$4,000	\$4,058	\$4,000	\$3,650	\$4,300
Bachelor of Arts (Industrial Design)*	90.3%	22.6%	\$3,417	\$3,500	\$3,417	\$3,500	\$3,000	\$3,500
Bachelor of Science (Project and Facilities Management)	92.2%	66.7%	\$3,338	\$3,200	\$3,400	\$3,200	\$3,000	\$3,500
Bachelor of Science (Real Estate)	95.1%	68.6%	\$3,609	\$3,600	\$3,682	\$3,630	\$3,200	\$4,000

Degree	Proportion of Graduates in the Labour Force who were		Basic Monthly Salary <sup>4</sup>		Gross Monthly Salary <sup>5</sup>			
	Employed <sup>2</sup>	In Full-Time Permanent Employment <sup>3</sup>	Mean	Median	Mean	Median	25 <sup>th</sup> Percentile	75 <sup>th</sup> Percentile
<b>Yong Loo Lin School (Medicine)</b>								
Bachelor of Medicine and Bachelor of Surgery <sup>6</sup>	100.0%	100.0%	\$4,688	\$4,700	\$5,306	\$5,250	\$5,000	\$5,800
Bachelor of Science (Nursing)	97.4%	92.2%	\$3,269	\$3,250	\$3,489	\$3,500	\$3,250	\$3,680
Bachelor of Science (Nursing) (Hons)	98.5%	97.0%	\$3,371	\$3,400	\$3,616	\$3,600	\$3,500	\$3,750
<b>YST Conservatory of Music</b>								
Bachelor of Music	69.2%	15.4%	\$3,163	\$3,125	\$3,238	\$3,275	\$3,125	\$3,350
<b>Yale-NUS College</b>								
Bachelor of Arts with Honours	90.5%	65.7%	\$4,242	\$3,800	\$4,370	\$3,890	\$3,475	\$5,000
Bachelor of Science with Honours*	92.6%	77.8%	\$5,615	\$5,350	\$5,798	\$5,350	\$4,225	\$6,485
<b>Multi-Disciplinary Programmes</b>								
Bachelor of Engineering (Computer Engineering)	93.7%	81.1%	\$4,904	\$5,000	\$4,977	\$5,000	\$4,080	\$5,500
Bachelor of Environmental Studies <sup>7</sup>	92.9%	47.6%	\$3,251	\$3,250	\$3,409	\$3,250	\$3,010	\$3,750

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

### 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 2020 (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 2019 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 2017 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.

### 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 (Engineering Science) offered by NUS shows that 50% of the graduates are earning more than \$4,000, and the mean gross monthly salary is \$4,584. 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.

### Disclaimer

The data published in this document is provided on an "as is" basis without any warranties of any kind. To the fullest extent permitted by law, MOE does not warrant and hereby disclaims any warranty as to the accuracy, correctness, completeness, reliability or fitness for any particular purpose of such data. The reader of this document assumes all responsibility and risk for the use of such data. MOE shall not be liable for any damage or loss of any kind caused as a result (directly or indirectly) of the use of such data, including but not limited to any damage or loss suffered as a result of reliance on the data published in this document.