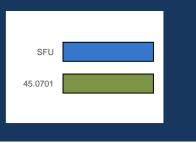


# B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

Detailed Summary of Survey Results Simon Fraser University 45.0701: Geography

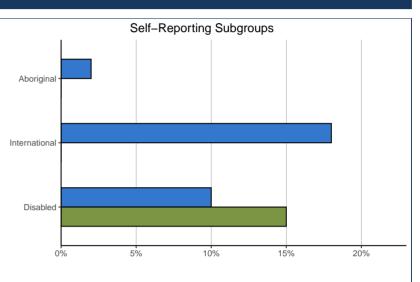


|                                       |     | F    | RESPONSE | RATE |           |     |         |        |     |     |
|---------------------------------------|-----|------|----------|------|-----------|-----|---------|--------|-----|-----|
| Survey Response Rate:                 | 45. | 0701 | S        | FU   |           |     | Respons | e Rate |     |     |
| Baccalaureate Graduates Survey Cohort | 68  | 100% | 5,252    | 100% | SFU -     |     |         |        |     |     |
| Survey Respondents and Response Rate  | 34  | 50%  | 2,037    | 39%  | 010       |     |         |        |     |     |
|                                       |     |      |          |      | 45.0701 - |     |         |        |     |     |
|                                       |     |      |          |      | 0%        | 10% | 20%     | 30%    | 40% | 50% |

# DEMOGRAPHIC INFORMATION

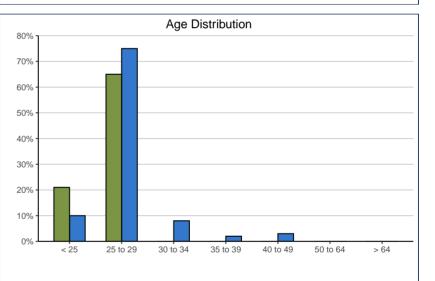
### Self-Reporting Subgroups: 45.0701 SFU Disabled 5 15% 202 10% International 376 18% ~ ~ Aboriginal 40 2%

| Gender:* | 45. | 45.0701 |       | FU   |
|----------|-----|---------|-------|------|
| Male     | 16  | 47%     | 882   | 43%  |
| Female   | 18  | 53%     | 1,155 | 57%  |
| Total    | 34  | 100%    | 2,037 | 100% |

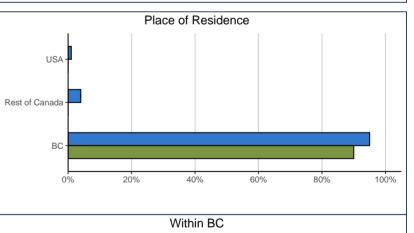


"Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.

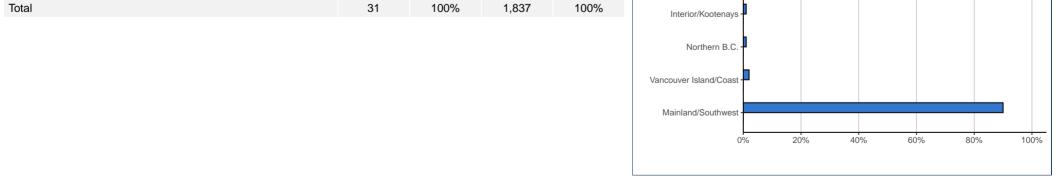
| Age (at time of survey): | 45. | 45.0701 |       | =U   |
|--------------------------|-----|---------|-------|------|
| < 25                     | 7   | 21%     | 209   | 10%  |
| 25 to 29                 | 22  | 65%     | 1,527 | 75%  |
| 30 to 34                 | ~   | ~       | 171   | 8%   |
| 35 to 39                 | ~   | ~       | 49    | 2%   |
| 40 to 49                 | ~   | ~       | 60    | 3%   |
| 50 to 64                 | 0   | 0%      | ~     | ~    |
| > 64                     | 0   | 0%      | ~     | ~    |
| Total                    | 34  | 100%    | 2,037 | 100% |
| Median Age               | 26  |         | 26    |      |
| Average (mean) Age       | 27  |         | 27    |      |



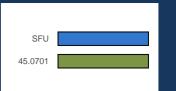
| Place of Residence (at time of survey): | 45. | 45.0701 |       | SFU |  |
|---|-----|---------|-------|-----|--|
| BC – Mainland/Southwest                 | ~   | ~       | 1,659 | 90% |  |
| BC – Vancouver Island/Coast             | ~   | ~       | 42    | 2%  |  |
| BC – Northern B.C.                      | 0   | 0%      | 22    | 1%  |  |
| BC – Interior/Kootenays                 | 0   | 0%      | 24    | 1%  |  |
| BC Subtotal                             | 28  | 90%     | 1,747 | 95% |  |
| Canada – Alberta                        | ~   | ~       | 21    | 1%  |  |
| Canada – Ontario                        | ~   | ~       | 40    | 2%  |  |
| Canada – Other                          | ~   | ~       | 15    | 1%  |  |
| U.S.A.                                  | 0   | 0%      | 14    | 1%  |  |
| Non-BC Subtotal                         | ~   | ~       | 90    | 5%  |  |
| _ · · ·                                 |     |         |       |     |  |



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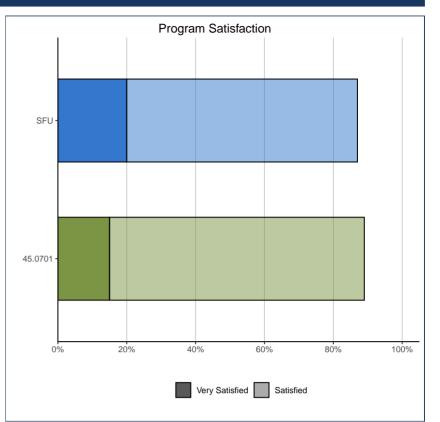


### EDUCATION EVALUATION AND SKILL DEVELOPMENT

| Program Satisfaction: | 45.0701 |      | SFU   |      |
|-----------------------|---------|------|-------|------|
| Very Satisfied        | 5       | 15%  | 405   | 20%  |
| Satisfied             | 25      | 74%  | 1,336 | 67%  |
| Dissatisfied          | 3       | 9%   | 199   | 10%  |
| Very Dissatisfied     | 1       | 3%   | 44    | 2%   |
| Total                 | 34      | 100% | 1,984 | 100% |

| Usefulness of Knowledge, Skills, and Abilities<br>Acquired during Program in Work: | 45.0701 |      | SFU   |      |
|--|---------|------|-------|------|
| Very Useful  | 5       | 17%  | 534   | 31%  |
| Somewhat Useful  | 13      | 45%  | 867   | 51%  |
| Not Very Useful  | 8       | 28%  | 225   | 13%  |
| Not at All Useful  | 3       | 10%  | 72    | 4%   |
| Total  | 29      | 100% | 1,698 | 100% |

| Took upgrading, access, bridging, or other preparatory courses during or prior to studies: | 45.0701 |     | SFU   |     |
|--|---------|-----|-------|-----|
| Yes  | 5       | 15% | 163   | 8%  |
| No   | 28      | 85% | 1,823 | 92% |



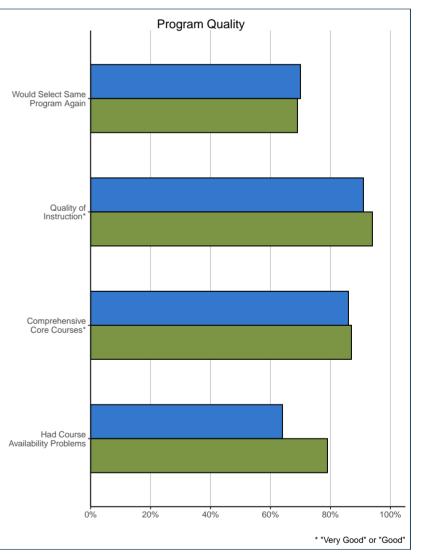
| Would select the same program again: | 45.0701 |     | SFU   |     |
|--------------------------------------|---------|-----|-------|-----|
| Yes                                  | 20      | 69% | 1,232 | 70% |
| No                                   | 9       | 31% | 531   | 30% |

| Quality of Instruction: | 45.0701 |      | SFU   |      |
|-------------------------|---------|------|-------|------|
| Very Good               | 9       | 26%  | 440   | 22%  |
| Good                    | 23      | 68%  | 1,384 | 69%  |
| Poor                    | 2       | 6%   | 161   | 8%   |
| Very Poor               | 0       | 0%   | 23    | 1%   |
| Total                   | 34      | 100% | 2,008 | 100% |

| Comprehensiveness of Core Courses: | 45.0701 |      | SFU   |      |
|------------------------------------|---------|------|-------|------|
| Very Good                          | 12      | 39%  | 459   | 23%  |
| Good                               | 15      | 48%  | 1,245 | 63%  |
| Poor                               | 4       | 13%  | 233   | 12%  |
| Very Poor                          | 0       | 0%   | 38    | 2%   |
| Total                              | 31      | 100% | 1,975 | 100% |

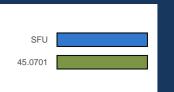
| Course Availability:                     | 45.0701 |     | SFU   |     |
|--|---------|-----|-------|-----|
| Encountered course availability problems | 27      | 79% | 1,279 | 64% |

| Financial Constraints:                              | 45.0701 |     | SI  | =U  |
|---|---------|-----|-----|-----|
| Had to interrupt studies for financial reasons      | 6       | 18% | 246 | 12% |
| Had to take program part-time for financial reasons | 5       | 15% | 410 | 20% |



Note:  $\sim$  indicates low cell count; data suppressed

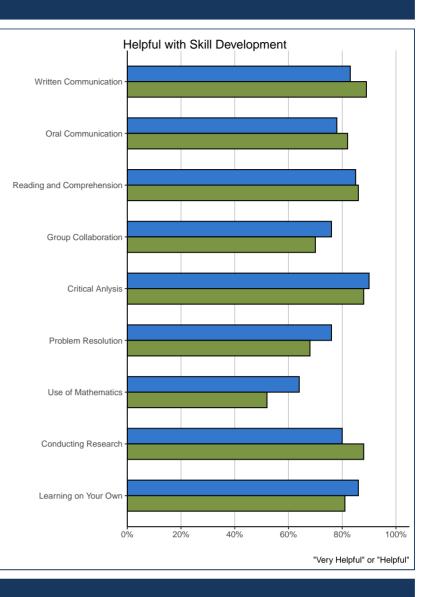


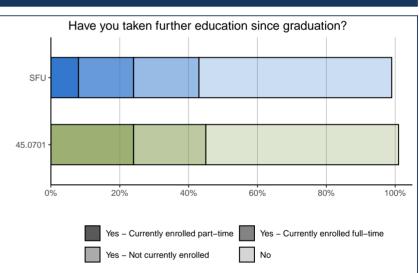


### SKILL DEVELOPMENT

|   |                 |         | 45.0701             |                       |         |
|---|-----------------|---------|---------------------|-----------------------|---------|
| Skill Development: How helpful was institution? | Very<br>Helpful | Helpful | Not Very<br>Helpful | Not at All<br>Helpful | # Resp. |
| Written Communication                           | 15%             | 74%     | 12%                 | 0%                    | 34      |
| Oral Communication                              | 6%              | 76%     | 18%                 | 0%                    | 34      |
| Reading and Comprehension                       | 18%             | 68%     | 15%                 | 0%                    | 34      |
| Group Collaboration                             | 9%              | 61%     | 30%                 | 0%                    | 33      |
| Critical Anlysis                                | 32%             | 56%     | 9%                  | 3%                    | 34      |
| Problem Resolution                              | 9%              | 59%     | 32%                 | 0%                    | 34      |
| Use of Mathematics                              | 7%              | 45%     | 34%                 | 14%                   | 29      |
| Conducting Research                             | 30%             | 58%     | 12%                 | 0%                    | 33      |
| Learning on Your Own                            | 31%             | 50%     | 19%                 | 0%                    | 32      |

|   |                 |         | SFU                 |                       |         |
|---|-----------------|---------|---------------------|-----------------------|---------|
| Skill Development: How helpful was institution? | Very<br>Helpful | Helpful | Not Very<br>Helpful | Not at All<br>Helpful | # Resp. |
| Written Communication                           | 28%             | 55%     | 14%                 | 3%                    | 1,941   |
| Oral Communication                              | 22%             | 56%     | 18%                 | 3%                    | 1,969   |
| Reading and Comprehension                       | 28%             | 57%     | 13%                 | 2%                    | 1,970   |
| Group Collaboration                             | 24%             | 52%     | 21%                 | 3%                    | 1,980   |
| Critical Anlysis                                | 38%             | 52%     | 9%                  | 2%                    | 2,006   |
| Problem Resolution                              | 21%             | 55%     | 21%                 | 3%                    | 1,943   |
| Use of Mathematics                              | 19%             | 45%     | 27%                 | 9%                    | 1,595   |
| Conducting Research                             | 30%             | 50%     | 17%                 | 4%                    | 1,894   |
| Learning on Your Own                            | 38%             | 48%     | 12%                 | 2%                    | 1,982   |





| Furt                 | ther Educa | tion/Trainin | д Туре |   |
|----------------------|------------|--------------|--------|---|
| Masters Degree -     |            |              |        | 1 |
| Doctoral Degree      |            |              |        |   |
| Undergraduate Degree |            |              |        |   |
|                      |            |              |        |   |

### FURTHER EDUCATION

SFU

26%

3%

21%

15%

15%

229

29

188

136

133

| Took further education since 2020 graduation: | 45.0 | 0701 | S     | FU   |
|---|------|------|-------|------|
| Yes   | 15   | 44%  | 893   | 44%  |
| Not currently enrolled                        | 7    | 21%  | 395   | 19%  |
| Currently enrolled full-time                  | 8    | 24%  | 329   | 16%  |
| Currently enrolled part-time                  | 0    | 0%   | 158   | 8%   |
| No  | 19   | 56%  | 1,133 | 56%  |
| Total   | 34   | 100% | 2,026 | 100% |
|   |      |      |       |      |

| Postgraduate Certificate or Diploma | 6  | 40%  | 119 | 14%  |
|-------------------------------------|----|------|-----|------|
| Other                               | 1  | 7%   | 44  | 5%   |
| Total                               | 15 | 100% | 878 | 100% |

45.0701

33%

0%

13%

7%

0%

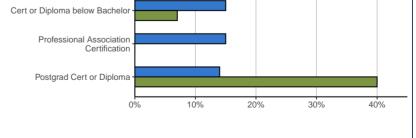
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Type of Formal Post–Secondary Education:

Certificate or Diploma below Bachelor level

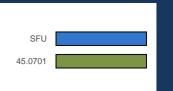
Professional Association Certification

Masters Degree

Doctoral Degree

Another Undergraduate Degree





### EMPLOYMENT

122

6.7%

| Labour Fource Status:                     | 45. | 0701 | SI    | =U   |
|---|-----|------|-------|------|
| In Labour Force (working or seeking work) | 30  | 88%  | 1,830 | 92%  |
| Not in Labour Force                       | 4   | 12%  | 168   | 8%   |
| Total                                     | 34  | 100% | 1,998 | 100% |
|   |     |      |       |      |
| Employment:                               | 45. | 0701 | SI    | =U   |
| Employment Rate*                          | 29  | 85%  | 1,708 | 84%  |

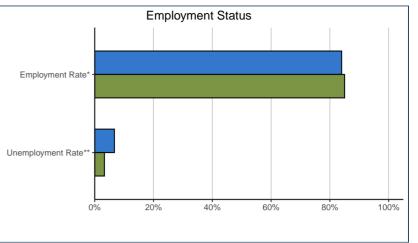
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3.3%

Unemployment Rate\*\*

\*Percent = Total employed divided by total number of respondents

\*\*Percent = Total unemployed divided by total number in Labour Force



| Status of Graduates NOT in Labour Force: | 45.0 | )701 | SI  | =U   |
|--|------|------|-----|------|
| Attending School FT                      | 3    | 75%  | 103 | 61%  |
| Attending School PT                      | 0    | 0%   | 8   | 5%   |
| Other                                    | 1    | 25%  | 57  | 34%  |
| Total NOT in Labour Force                | 4    | 100% | 168 | 100% |

| Primary Employment Type: | 45.0 | )701 | SI    | FU   |
|--------------------------|------|------|-------|------|
| Paid worker              | 26   | 90%  | 1,608 | 94%  |
| Self-employed            | 3    | 10%  | 96    | 6%   |
| Total                    | 29   | 100% | 1,704 | 100% |

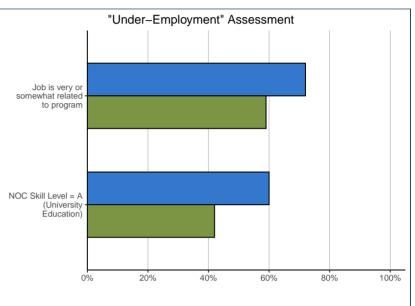
| Job Characteristics:                              | 45. | 0701 | SI    | =U  |
|---|-----|------|-------|-----|
| I hold more than one job*                         | 4   | 14%  | 301   | 18% |
| My main job is full-time (>= 30 hours per week)** | 26  | 93%  | 1,432 | 89% |
| *Of total Employed                                |     |      |       |     |

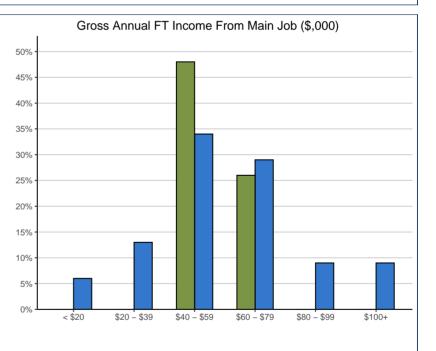


| How related is your main job to your program? | 45.0 | 0701 | SI    | =U   |
|---|------|------|-------|------|
| Very Related                                  | 2    | 7%   | 624   | 37%  |
| Somewhat Related                              | 15   | 52%  | 605   | 35%  |
| Not Very Related                              | 7    | 24%  | 245   | 14%  |
| Not at All Related                            | 5    | 17%  | 231   | 14%  |
| Total   | 29   | 100% | 1,705 | 100% |

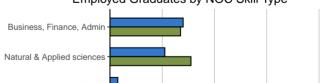
| "Under-employment" Assessment:              | 45.0 | 0701 | SF    | =U  |
|---|------|------|-------|-----|
| Job is very or somewhat related to program  | 17   | 59%  | 1,229 | 72% |
| NOC Skill Level = A (University Education)* | 11   | 42%  | 945   | 60% |
| *Of total valid responses                   |      |      |       |     |

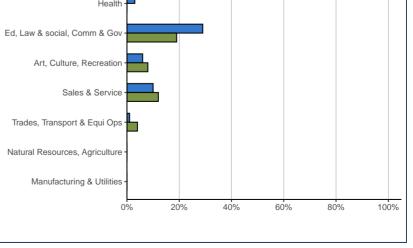
| Gross Annual Income from Main Job:*   | 45.                             | 0701                                       | SI  | =U   |
|---|---------------------------------|--|---|--|
| Less than \$20,000  | 0                               | 0%   | 68  | 6%   |
| \$20,000 to \$39,999  | ~                               | ~  | 161   | 13%  |
| \$40,000 to \$59,999  | 13                              | 48%  | 413   | 34%  |
| \$60,000 to \$79,999  | 7                               | 26%  | 351   | 29%  |
| \$80,000 to \$99,999  | ~                               | ~  | 107   | 9%   |
| \$100,000 and Above   | 0                               | 0%   | 108   | 9%   |
| Total   | 27                              | 100%                                       | 1,208                                       | 100%                                       |
| Median Annual Income (full-time) (\$)   | 54,684                          |  | 60,000                                      |  |
| Average Annual Income (full-time) (\$)  | 56,165                          |  | 66,030                                      |  |
| Where data provided   |                                 |  |   |  |
|   |                                 |  |   |  |
|   | 45.                             | 0701                                       | SI  | ΞU   |
| Where data provided NOC Skill Type of Main Job:   | 45.0                            | 0701<br>27%                                | SF<br>446                                   | <b>-U</b><br>28%                           |
| Where data provided   |                                 |  |   | -  |
| Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related   | 7                               | 27%  | 446   | 28%  |
| Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health  | 7<br>8                          | 27%<br>31%                                 | 446<br>331                                  | 28%<br>21%                                 |
| Where data provided NOC Skill Type of Main Job: Business, finance & administration  | 7<br>8<br>0                     | 27%<br>31%<br>0%                           | 446<br>331<br>52                            | 28%<br>21%<br>3%                           |
| Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government  | 7<br>8<br>0<br>5                | 27%<br>31%<br>0%<br>19%                    | 446<br>331<br>52<br>460                     | 28%<br>21%<br>3%<br>29%                    |
| Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport Sales & service   | 7<br>8<br>0<br>5<br>2           | 27%<br>31%<br>0%<br>19%<br>8%              | 446<br>331<br>52<br>460<br>100              | 28%<br>21%<br>3%<br>29%<br>6%              |
| Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport   | 7<br>8<br>0<br>5<br>2<br>3      | 27%<br>31%<br>0%<br>19%<br>8%<br>12%       | 446<br>331<br>52<br>460<br>100<br>162       | 28%<br>21%<br>3%<br>29%<br>6%<br>10%       |
| Where data provided NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport Sales & service Trades, transport & equipment operators & related | 7<br>8<br>0<br>5<br>2<br>3<br>1 | 27%<br>31%<br>0%<br>19%<br>8%<br>12%<br>4% | 446<br>331<br>52<br>460<br>100<br>162<br>13 | 28%<br>21%<br>3%<br>29%<br>6%<br>10%<br>1% |





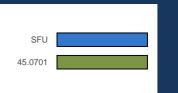




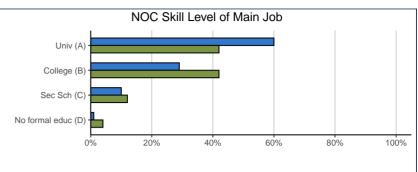


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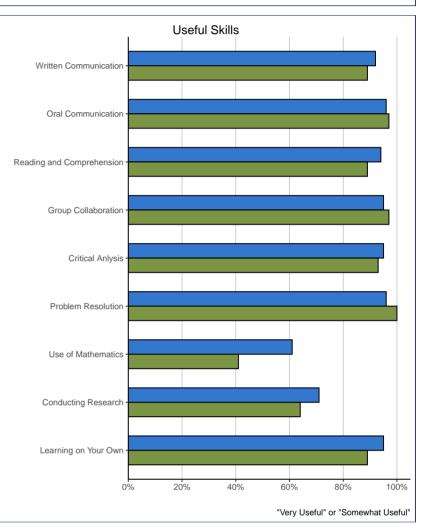


### EMPLOYMENT, continued NOC Skill Level of Main Job: 45.0701 SFU 11 42% 945 A. University education 60% B. College education/trade apprenticeship 42% 11 452 29% C. Secondary school + job-specific training 3 12% 159 10% D. No formal education 1 4% 18 1% Total 26 100% 1,574 100%



|   |                |                    | 45.0701            |                      |         |
|---|----------------|--------------------|--------------------|----------------------|---------|
| How useful are the following skills and abilities in doing your main job? | Very<br>Useful | Somewhat<br>Useful | Not Very<br>Useful | Not at All<br>Useful | # Resp. |
| Written Communication   | 63%            | 26%                | 11%                | 0%                   | 27      |
| Oral Communication  | 61%            | 36%                | 4%                 | 0%                   | 28      |
| Reading and Comprehension   | 64%            | 25%                | 11%                | 0%                   | 28      |
| Group Collaboration   | 79%            | 18%                | 0%                 | 4%                   | 28      |
| Critical Anlysis  | 68%            | 25%                | 7%                 | 0%                   | 28      |
| Problem Resolution  | 82%            | 18%                | 0%                 | 0%                   | 28      |
| Use of Mathematics  | 15%            | 26%                | 33%                | 26%                  | 27      |
| Conducting Research   | 21%            | 43%                | 14%                | 21%                  | 28      |
| Learning on Your Own  | 68%            | 21%                | 11%                | 0%                   | 28      |

|   | SFU            |                    |                    |                      |         |  |
|---|----------------|--------------------|--------------------|----------------------|---------|--|
| How useful are the following skills and abilities in doing your main job? | Very<br>Useful | Somewhat<br>Useful | Not Very<br>Useful | Not at All<br>Useful | # Resp. |  |
| Written Communication   | 63%            | 29%                | 5%                 | 3%                   | 1,691   |  |
| Oral Communication  | 70%            | 26%                | 3%                 | 1%                   | 1,694   |  |
| Reading and Comprehension   | 66%            | 28%                | 4%                 | 2%                   | 1,692   |  |
| Group Collaboration   | 72%            | 23%                | 4%                 | 1%                   | 1,695   |  |
| Critical Anlysis  | 68%            | 27%                | 4%                 | 1%                   | 1,696   |  |
| Problem Resolution  | 73%            | 23%                | 3%                 | 1%                   | 1,694   |  |
| Use of Mathematics  | 26%            | 35%                | 23%                | 15%                  | 1,649   |  |
| Conducting Research   | 34%            | 37%                | 17%                | 12%                  | 1,668   |  |
| Learning on Your Own  | 66%            | 29%                | 4%                 | 2%                   | 1,691   |  |



# Top 10 Full-time Octations of 45.0701 States: 45.0701 NOC NOC Skill Level Description % Employed FT in this Occ.\*\* \* -</t

\* Data not displayed where n < 5

\*\* Percentages cited are of those employed

| NOC  | NOC Skill Level | Description   | % Employed FT in this Occ.** |
|------|-----------------|---|------------------------------|
| 4032 | A               | Elementary school and kindergarten teachers                             | 6%                           |
| 2173 | А               | Software engineers and designers  | 5%                           |
| XXXX | 0               | Unclassified occupations  | 5%                           |
| 1123 | A               | Professional occupations in advertising, marketing and public relations | 4%                           |
| 4031 | A               | Secondary school teachers   | 4%                           |
| 2174 | A               | Computer programmers and interactive media developers                   | 3%                           |
| 1111 | A               | Financial auditors and accountants                                      | 3%                           |
| 1221 | В               | Administrative officers   | 3%                           |
| 4212 | В               | Social and community service workers                                    | 2%                           |
| 5241 | В               | Graphic designers and illustrators                                      | 2%                           |
|      |                 |   |                              |

\* Data not displayed where n < 5

\*\* Percentages cited are of those employed



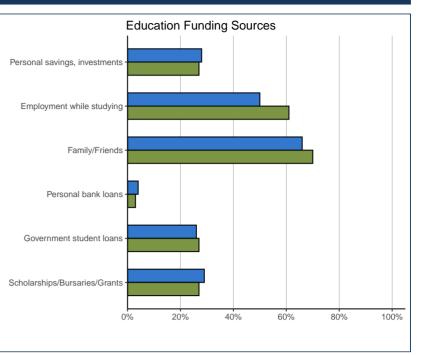


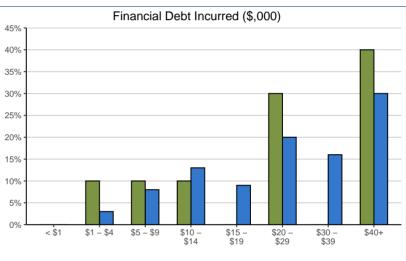
### EDUCATION FINANCING

| Funding Sources (3 sources allowed):*                  | 45.0 | 45.0701 |       | =U  |
|--|------|---------|-------|-----|
| Personal savings, investments                          | 9    | 27%     | 556   | 28% |
| Employment while studying                              | 20   | 61%     | 982   | 50% |
| Family/Friends   | 23   | 70%     | 1,299 | 66% |
| Personal bank loans                                    | 1    | 3%      | 78    | 4%  |
| Government student loans                               | 9    | 27%     | 509   | 26% |
| Scholarships/Bursaries/Grants                          | 9    | 27%     | 562   | 29% |
| Other  | 8    | 24%     | 448   | 23% |
| Total  | 33   |         | 1,968 |     |
| * Percentage of respondents who identified this source |      |         |       |     |

| Financial Debt Incurred to Finance Bac. Ed.:*   | 45.0701 |     | SI  | U   |
|---|---------|-----|-----|-----|
| Incurred any form of financial debt             | 12      | 35% | 690 | 35% |
| Incurred government-sponsored student loan debt | 10      | 29% | 564 | 28% |
| * Percentage of respondents who provided data   |         |     |     |     |

| Financial Debt Amount:*    | 45.0701 |      | SFU    |      |
|----------------------------|---------|------|--------|------|
| < \$1,000                  | 0       | 0%   | 0      | 0%   |
| \$1,000 to \$4,999         | 1       | 10%  | 16     | 3%   |
| \$5,000 to \$9,999         | 1       | 10%  | 44     | 8%   |
| \$10,000 to \$14,999       | 1       | 10%  | 67     | 13%  |
| \$15,000 to \$19,999       | 0       | 0%   | 49     | 9%   |
| \$20,000 to \$29,999       | 3       | 30%  | 107    | 20%  |
| \$30,000 to \$39,999       | 0       | 0%   | 85     | 16%  |
| \$40,000 or More           | 4       | 40%  | 154    | 30%  |
| Total                      | 10      | 100% | 522    | 100% |
| Median Financial Debt (\$) | 23,500  |      | 25,000 |      |



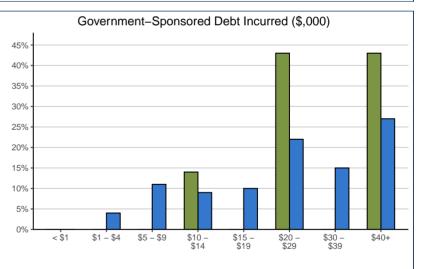


<sup>t</sup> Includes only cases where financial debt was incurred

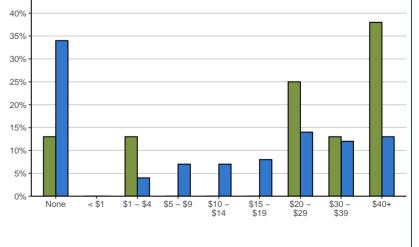
| Gov't-Sponsored Student Loan Debt Amount:* | 45.0   | 0701 | S      | FU   |
|--|--------|------|--------|------|
| < \$1,000                                  | 0      | 0%   | 0      | 0%   |
| \$1,000 to \$4,999                         | 0      | 0%   | 16     | 4%   |
| \$5,000 to \$9,999                         | 0      | 0%   | 43     | 11%  |
| \$10,000 to \$14,999                       | 1      | 14%  | 36     | 9%   |
| \$15,000 to \$19,999                       | 0      | 0%   | 40     | 10%  |
| \$20,000 to \$29,999                       | 3      | 43%  | 85     | 22%  |
| \$30,000 to \$39,999                       | 0      | 0%   | 59     | 15%  |
| \$40,000 or More                           | 3      | 43%  | 103    | 27%  |
| Total                                      | 7      | 100% | 382    | 100% |
| Median Gov't-Sponsored Loan Debt (\$)      | 25,000 |      | 25,000 |      |

Includes only cases where government-sponsored debt was incurred

| Gov't-Sponsored Loan Debt Outstanding:*             | 45.0   | 45.0701 |        | FU   |
|---|--------|---------|--------|------|
| None – Loan repaid in full                          | 1      | 13%     | 157    | 34%  |
| < \$1,000   | 0      | 0%      | 2      | 0%   |
| \$1,000 to \$4,999                                  | 1      | 13%     | 20     | 4%   |
| \$5,000 to \$9,999                                  | 0      | 0%      | 34     | 7%   |
| \$10,000 to \$14,999                                | 0      | 0%      | 30     | 7%   |
| \$15,000 to \$19,999                                | 0      | 0%      | 35     | 8%   |
| \$20,000 to \$29,999                                | 2      | 25%     | 64     | 14%  |
| \$30,000 to \$39,999                                | 1      | 13%     | 53     | 12%  |
| \$40,000 or More                                    | 3      | 38%     | 61     | 13%  |
| Total   | 8      | 100%    | 456    | 100% |
| Median Gov't-Sponsored Loan Debt Outstanding** (\$) | 30,000 |         | 22,500 |      |



Outstanding Government–Sponsored Debt (\$,000)



\* Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided \*\* Median amounts shown are based on those who had remaining government student loan debt