

B.C. University Student Outcomes 2003 Survey of 1998 Baccalaureate Graduates

Detailed Summary of Survey Results

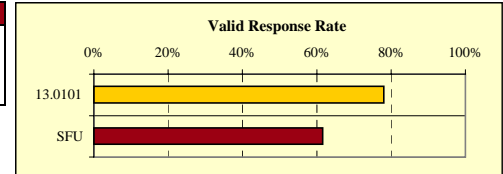
Simon Fraser University

6 Digit CIP: 13.0101: Education, General

■ SFU
■ 13.0101

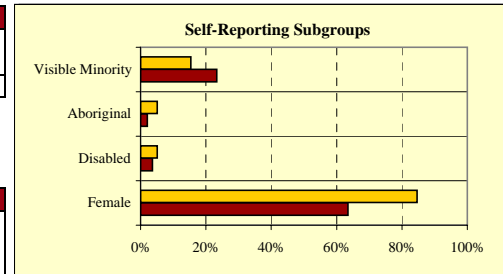
RESPONSE RATE

| 1. Survey Response Rate: | 13.0101 | SFU | | |
|--|---------|-----|-------|-----|
| 1998 Baccalaureate Graduates Survey Cohort | 51 | | 2,655 | |
| Net Frame | 50 | | 2,406 | |
| Survey Respondents and Valid Response Rate | 39 | 78% | 1,482 | 62% |



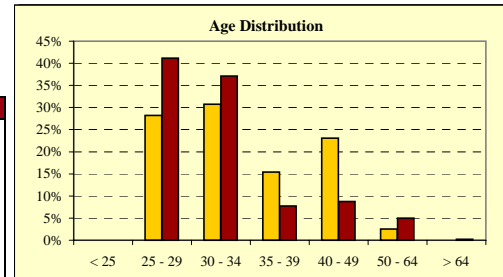
DEMOGRAPHIC INFORMATION

| 2. Gender: | 13.0101 | SFU | | |
|------------|---------|------|-------|------|
| Male | 6 | 15% | 542 | 37% |
| Female | 33 | 85% | 940 | 63% |
| Total | 39 | 100% | 1,482 | 100% |

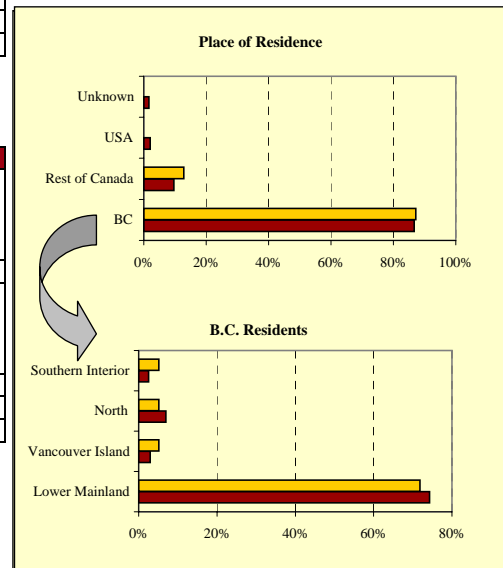


| 3. Self-Reporting Subgroups: | 13.0101 | SFU | | |
|------------------------------|---------|-----|-----|-----|
| Disabled | 2 | 5% | 54 | 4% |
| Aboriginal | 2 | 5% | 30 | 2% |
| Visible Minority | 6 | 15% | 346 | 23% |

| 4. Age (at time of survey): | 13.0101 | SFU | | |
|-----------------------------|---------|------|-------|------|
| < 25 | - | 0% | - | 0% |
| 25 to 29 | 11 | 28% | 610 | 41% |
| 30 to 34 | 12 | 31% | 550 | 37% |
| 35 to 39 | 6 | 15% | 115 | 8% |
| 40 to 49 | 9 | 23% | 130 | 9% |
| 50 to 64 | 1 | 3% | 74 | 5% |
| > 64 | - | 0% | 3 | 0% |
| Unknown | - | 0% | - | 0% |
| Total | 39 | 100% | 1,482 | 100% |
| Mean Age: | 34.9 | | 32.8 | |

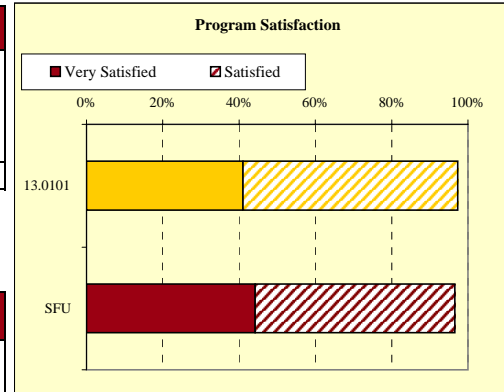


| 5. Place of Residence (at time of survey): | 13.0101 | SFU | | |
|--|---------|------|-------|------|
| BC - Lower Mainland | 28 | 72% | 1,101 | 74% |
| BC - Vancouver Island | 2 | 5% | 43 | 3% |
| BC - North | 2 | 5% | 103 | 7% |
| BC - Southern Interior | 2 | 5% | 37 | 2% |
| BC Subtotal | 34 | 87% | 1,284 | 87% |
| Canada - Alberta | 2 | 5% | 57 | 4% |
| Canada - Ontario | 3 | 8% | 56 | 4% |
| Canada - Other | - | 0% | 30 | 2% |
| U.S.A. | - | 0% | 31 | 2% |
| Non-BC Subtotal | 5 | 13% | 174 | 12% |
| Unknown | - | 0% | 24 | 2% |
| Total | 39 | 100% | 1,482 | 100% |

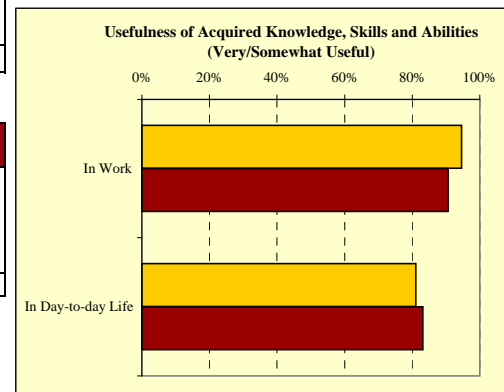


EDUCATION EVALUATION

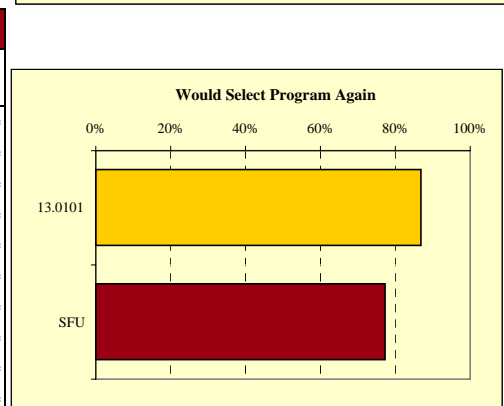
| 8. Program Satisfaction: | 13.0101 | | SFU | |
|--------------------------|---------|------|-------|------|
| Very Satisfied | 16 | 41% | 653 | 44% |
| Satisfied | 22 | 56% | 776 | 53% |
| Dissatisfied | - | 0% | 42 | 3% |
| Very Dissatisfied | 1 | 3% | 7 | 0% |
| Total | 39 | 100% | 1,478 | 100% |



| 6. Usefulness of Knowledge, Skills, and Abilities Acquired at University in Work: | 13.0101 | | SFU | |
|---|---------|------|-------|------|
| Very Useful | 15 | 41% | 582 | 45% |
| Somewhat Useful | 20 | 54% | 595 | 46% |
| Not Very Useful | 2 | 5% | 92 | 7% |
| Not at All Useful | - | 0% | 30 | 2% |
| Total | 37 | 100% | 1,299 | 100% |



| 7. Usefulness of Knowledge, Skills, and Abilities Acquired at University in Day-to-day Life: | 13.0101 | | SFU | |
|--|---------|------|-------|------|
| Very Useful | 9 | 24% | 348 | 27% |
| Somewhat Useful | 21 | 57% | 730 | 56% |
| Not Very Useful | 7 | 19% | 200 | 15% |
| Not at All Useful | - | 0% | 18 | 1% |
| Total | 37 | 100% | 1,296 | 100% |



| 9. Would you select the same program again? | 13.0101 | | SFU | |
|--|---------|------|-------|------|
| Yes | 33 | 87% | 1,110 | 77% |
| No, because . . . (multiple response question) | 5 | | 326 | |
| . . . interests have changed | - | 0%* | 94 | 23%* |
| . . . courses were not practical | 1 | 20%* | 90 | 22%* |
| . . . little or no career opportunities | 2 | 40%* | 106 | 26%* |
| . . . not enough course variety | - | 0%* | 7 | 2%* |
| . . . skills acquired were not very useful | - | 0%* | 9 | 2%* |
| . . . courses were poorly taught | - | 0%* | 5 | 1%* |
| . . . program was too general | 1 | 20%* | 49 | 12%* |
| . . . did not agree with grading system | - | 0%* | 1 | 0%* |
| . . . did not like institution | - | 0%* | 2 | 0%* |
| . . . other | 1 | 20%* | 52 | 13%* |

* Percent of total responses, among those who would not take program again

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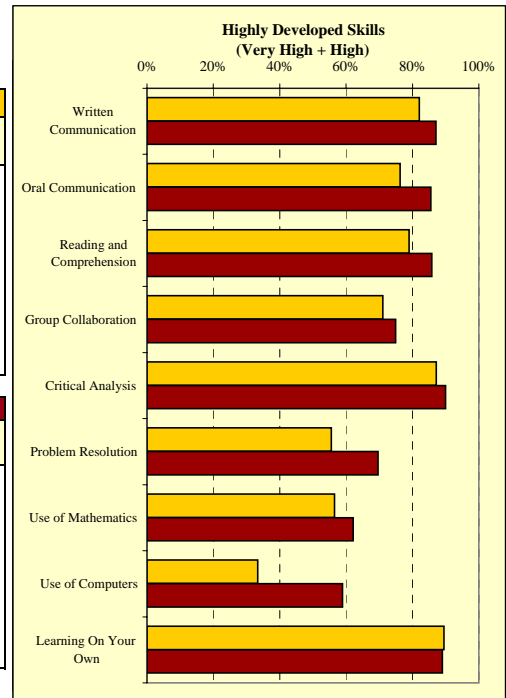
SKILL DEVELOPMENT

14a.

| To what degree did university help you develop the following skills? | 13.0101 | | | | # Resp. |
|--|-----------|------|-----|----------|---------|
| | Very High | High | Low | Very Low | |
| Written Communication | 31% | 51% | 15% | 3% | 39 |
| Oral Communication | 24% | 53% | 24% | 0% | 38 |
| Reading and Comprehension | 37% | 42% | 16% | 5% | 38 |
| Group Collaboration | 26% | 45% | 21% | 8% | 38 |
| Critical Analysis | 33% | 54% | 13% | 0% | 39 |
| Problem Resolution | 14% | 42% | 36% | 8% | 36 |
| Use of Mathematics Appropriate to Field | 17% | 39% | 30% | 13% | 23 |
| Use of Computers Appropriate to Field | 11% | 22% | 44% | 22% | 27 |
| Learning On Your Own | 42% | 47% | 11% | 0% | 38 |

14b.

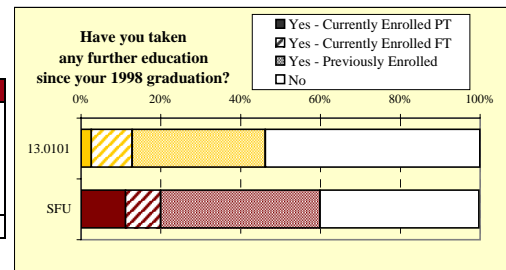
| To what degree did university help you develop the following skills? | SFU | | | | # Resp. |
|--|-----------|------|-----|----------|---------|
| | Very High | High | Low | Very Low | |
| Written Communication | 40% | 47% | 11% | 2% | 1,452 |
| Oral Communication | 32% | 54% | 12% | 2% | 1,463 |
| Reading and Comprehension | 42% | 44% | 12% | 2% | 1,449 |
| Group Collaboration | 29% | 46% | 21% | 4% | 1,453 |
| Critical Analysis | 50% | 40% | 8% | 2% | 1,472 |
| Problem Resolution | 20% | 50% | 26% | 4% | 1,438 |
| Use of Mathematics Appropriate to Field | 26% | 36% | 23% | 14% | 1,083 |
| Use of Computers Appropriate to Field | 23% | 36% | 29% | 13% | 1,250 |
| Learning On Your Own | 45% | 44% | 9% | 2% | 1,455 |



FURTHER EDUCATION

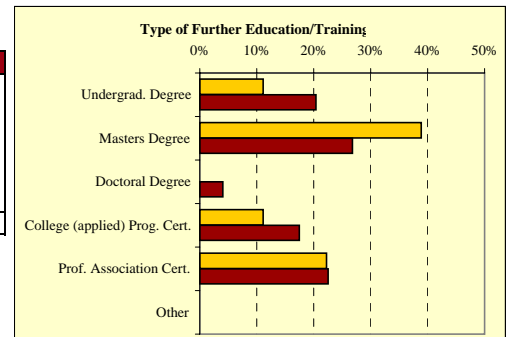
15.

| Took further formal education since 1998 graduation | 13.0101 | SFU |
|---|-----------|--------------|
| Yes: | 18 (46%) | 892 (60%) |
| Not currently enrolled | 13 (33%) | 592 (40%) |
| Currently enrolled full-time | 4 (10%) | 131 (9%) |
| Currently enrolled part-time | 1 (3%) | 165 (11%) |
| No | 21 (54%) | 590 (40%) |
| Total | 39 (100%) | 1,482 (100%) |



16.

| Type of Formal Post-Secondary Education | 13.0101 | SFU |
|---|-----------|------------|
| Undergraduate Degree | 2 (11%) | 182 (20%) |
| Masters Degree | 7 (39%) | 239 (27%) |
| Doctoral Degree | - (0%) | 36 (4%) |
| College (applied) Program Certification | 2 (11%) | 156 (17%) |
| Professional Association Certification | 4 (22%) | 201 (23%) |
| Other | - (0%) | - (0%) |
| Total Respondents | 18 (100%) | 892 (100%) |

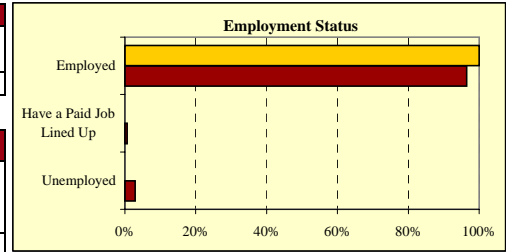


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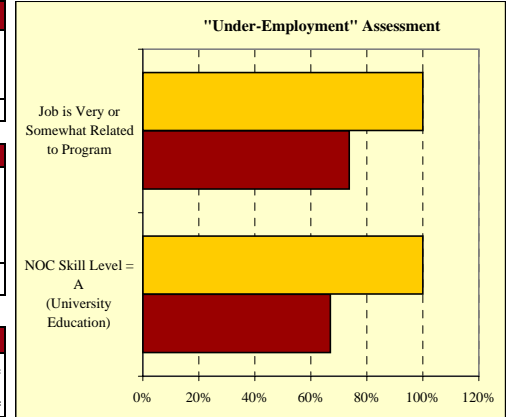
EMPLOYMENT

| 17. Labour Force Status: | 13.0101 | SFU |
|---|---------|------------|
| In Labour Force (working or seeking work) | 38 97% | 1,348 91% |
| Not in Labour Force | 1 3% | 132 9% |
| Grand Total | 39 100% | 1,480 100% |



| 18. Employment Status of those IN Labour Force: | 13.0101 | SFU |
|---|---------|------------|
| Employed | 38 100% | 1,301 97% |
| Have a Paid Job Lined Up | - 0% | 8 1% |
| Unemployed | - 0% | 39 3% |
| Total Labour Force | 38 100% | 1,348 100% |

| 19. Status of Graduates NOT in Labour Force: | 13.0101 | SFU |
|--|---------|----------|
| Attending School FT | - 0% | 42 32% |
| Attending School PT | - 0% | 4 3% |
| Other | 1 100% | 86 65% |
| Total NOT in Labour Force | 1 100% | 132 100% |

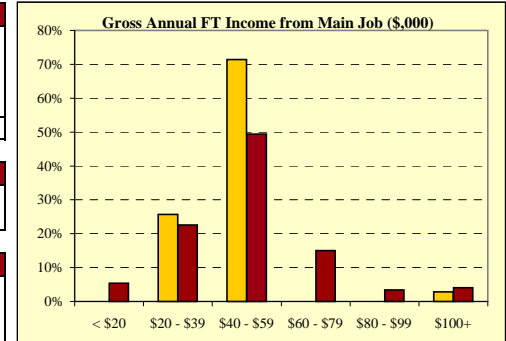


| 20. Employment Type: | 13.0101 | SFU |
|--------------------------------------|---------|------------|
| Paid worker | 37 97% | 1,158 89% |
| Self-employed | - 0% | 83 6% |
| Both a paid worker and self-employed | 1 3% | 60 5% |
| Total Employed | 38 100% | 1,301 100% |

| 21. Job Characteristics: | 13.0101 | SFU |
|---|----------|-------------|
| I hold more than one job | 3 8%* | 184 14%* |
| My main job is full-time (>= 30 hours per week) | 31 86%** | 1,108 87%** |

* of total employed ** of those who provided data on hours/week worked

| 22. How related is your main job to your program? | 13.0101 | SFU |
|---|---------|------------|
| Very Related | 31 82% | 539 41% |
| Somewhat Related | 7 18% | 420 32% |
| Not Very Related | - 0% | 177 14% |
| Not At All Related | - 0% | 165 13% |
| Total | 38 100% | 1,301 100% |

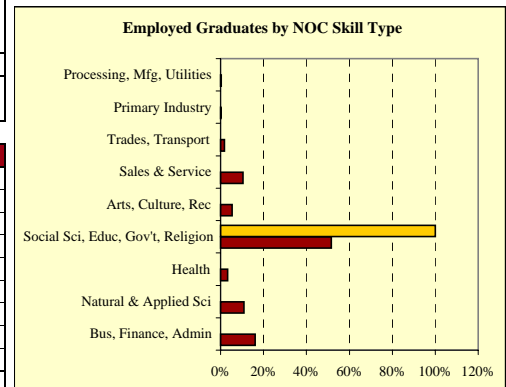


| 23. "Under-employment" Assessment: | 13.0101 | SFU |
|--|---------|---------|
| Job is very or somewhat related to program | 38 100% | 959 74% |
| NOC Skill Level = A (University Education) | 38 100% | 865 67% |

* of total valid responses

| 24. Gross Annual Income from Main Job:* | 13.0101 | SFU |
|---|----------|------------|
| Less than \$20,000 | - 0% | 63 5% |
| \$20,000 to \$39,999 | 9 26% | 263 23% |
| \$40,000 to \$59,999 | 25 71% | 575 49% |
| \$60,000 to \$79,999 | - 0% | 175 15% |
| \$80,000 to \$99,999 | - 0% | 40 3% |
| \$100,000 and Above | 1 3% | 47 4% |
| Total | 35 100% | 1,163 100% |
| Median Annual Income (full-time) | \$47,750 | \$48,000 |
| Average Annual Income (full-time) | \$45,393 | \$52,970 |

* where data provided



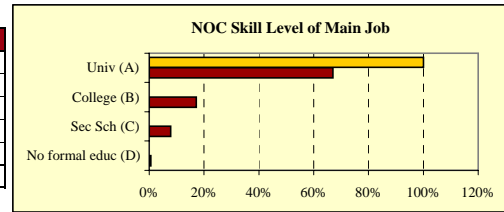
| 25. NOC Skill Type of Main Job: | 13.0101 | SFU |
|---|---------|------------|
| Business, Finance and Administration | - 0% | 207 16% |
| Natural and Applied Sciences and Related | - 0% | 140 11% |
| Health | - 0% | 43 3% |
| Social Sciences, Educ., Gov't Services, Religion | 38 100% | 664 52% |
| Arts, Culture, Recreation and Sport | - 0% | 69 5% |
| Sales and Service | - 0% | 134 10% |
| Trades, Transport and Eqp. Operators and Related | - 0% | 23 2% |
| Unique to the Primary Industry | - 0% | 2 0% |
| Unique to Processing, Manufacturing and Utilities | - 0% | 4 0% |
| Total | 38 100% | 1,286 100% |

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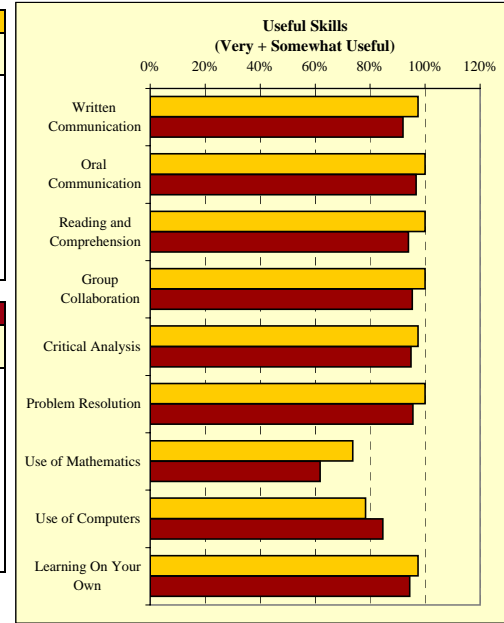
■ SFU
■ 13.0101

EMPLOYMENT, continued

| 26. NOC Skill Level of Main Job: | 13.0101 | SFU |
|---|---------|-----------------|
| A. University education | 38 | 100% 865 67% |
| B. College education/trade apprenticeship | - | 0% 222 17% |
| C. Secondary school + job-specific training | - | 0% 101 8% |
| D. No formal education | - | 0% 8 1% |
| No skill level assigned (management) | - | 0% 96 7% |
| Total | 38 | 100% 1,292 100% |



| 27a. How useful are the following skills and abilities in doing your main job? | 13.0101 | | | | # Resp. |
|--|-------------|-----------------|-----------------|-------------------|---------|
| | Very Useful | Somewhat Useful | Not Very Useful | Not at all Useful | |
| Written Communication | 84% | 13% | 3% | 0% | 38 |
| Oral Communication | 92% | 8% | 0% | 0% | 38 |
| Reading and Comprehension | 84% | 16% | 0% | 0% | 38 |
| Group Collaboration | 92% | 8% | 0% | 0% | 37 |
| Critical Analysis | 79% | 18% | 3% | 0% | 38 |
| Problem Resolution | 87% | 13% | 0% | 0% | 38 |
| Use of Mathematics Appropriate to Field | 55% | 18% | 16% | 11% | 38 |
| Use of Computers Appropriate to Field | 49% | 30% | 16% | 5% | 37 |
| Learning On Your Own | 68% | 29% | 3% | 0% | 38 |



| 27b. How useful are the following skills and abilities in doing your main job? | SFU | | | | # Resp. |
|--|-------------|-----------------|-----------------|-------------------|---------|
| | Very Useful | Somewhat Useful | Not Very Useful | Not at all Useful | |
| Written Communication | 70% | 22% | 5% | 3% | 1,299 |
| Oral Communication | 80% | 17% | 3% | 1% | 1,299 |
| Reading and Comprehension | 70% | 24% | 4% | 1% | 1,298 |
| Group Collaboration | 77% | 18% | 4% | 1% | 1,298 |
| Critical Analysis | 72% | 23% | 4% | 1% | 1,300 |
| Problem Resolution | 77% | 19% | 4% | 1% | 1,300 |
| Use of Mathematics Appropriate to Field | 29% | 33% | 21% | 17% | 1,279 |
| Use of Computers Appropriate to Field | 50% | 35% | 10% | 5% | 1,291 |
| Learning On Your Own | 65% | 29% | 4% | 1% | 1,299 |

| 28a. Top 10 Full-time Occupations of 13.0101 Graduates: | 13.0101 | | |
|---|-------------------------------|------------------------------|------------------|
| NOC | NOC Skill Level Description | % Employed FT in this Occ.** | Median FT Salary |
| 4142 | A Elem & Kindergarten Teacher | 53% | \$47,250 |
| 4141 | A Secondary School Teachers | 26% | \$50,000 |
| * | | | |
| * | | | |
| * | | | |
| * | | | |
| * | | | |
| * | | | |
| * | | | |

*data not displayed where n < 2 **percentages cited are of those for whom occupational data was provided, full-time and part-time

| 28b. Top 10 Full-time Occupations of Graduates from Simon Fraser University: | SFU | | |
|--|---|------------------------------|------------------|
| NOC | NOC Skill Level Description | % Employed FT in this Occ.** | Median FT Salary |
| 4142 | A Elem & Kindergarten Teacher | 18% | \$46,000 |
| 4141 | A Secondary School Teachers | 11% | \$45,000 |
| 1111 | A Financial Auditors & Accnts | 3% | \$48,000 |
| 2173 | A Software Engineers | 2% | \$69,000 |
| 4112 | A Lawyers & Quebec Notaries | 2% | \$70,000 |
| 6261 | B Police Officers (Excl Commissioned) | 2% | \$61,000 |
| 5124 | A Oecs in Public Relations & Comm | 2% | \$51,000 |
| 2174 | A Computer Programmers/Interactive Media Developers | 1% | \$60,000 |
| 0611 | N/A Sales, Marketing & Advrt Managers | 1% | \$87,500 |
| 1114 | A Other Financial Officers | 1% | \$50,000 |

*data not displayed where n < 2 **percentages cited are of those for whom occupational data was provided, full-time and part-time

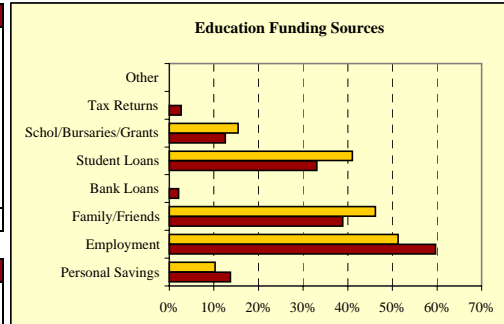
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EDUCATION FINANCING

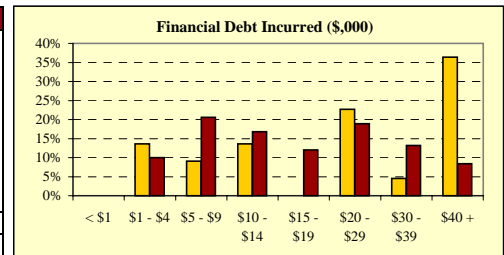
| 29. Education Funding Sources (2 sources per respondent): | 13.0101 | SFU |
|---|-----------|--------------|
| Personal Savings | 4 10%* | 203 14%* |
| Employment | 20 51%* | 884 60%* |
| Family/Friends | 18 46%* | 576 39%* |
| Bank Loans | - 0%* | 31 2%* |
| Student Loans | 16 41%* | 490 33%* |
| Scholarships/Bursaries/Grants | 6 15%* | 186 13%* |
| Tax Returns | - 0%* | 39 3%* |
| Other | - 0%* | - 0%* |
| Total Respondents | 39 | 1,482 |

* Percentage of respondents who identified this source



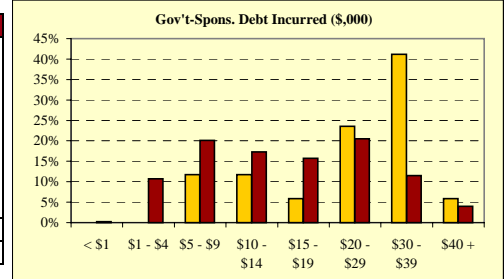
| 30. Financial Debt Incurred to Finance Univ. Education: | 13.0101 | SFU |
|---|---------|---------|
| Incurred any form of financial debt | 22 56%* | 582 39% |
| Incurred government-sponsored student loan debt | 17 44%* | 503 34% |

* Percentage of respondents who provided data



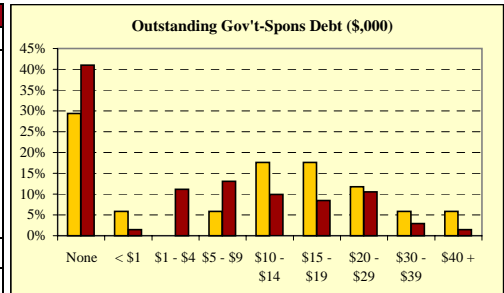
| 31. Financial Debt Amount:* | 13.0101 | SFU |
|------------------------------|-----------------------|------------------------|
| < \$1,000 | - 0% | - 0% |
| \$1,000 to \$4,999 | 3 14% | 58 10% |
| \$5,000 to \$9,999 | 2 9% | 120 21% |
| \$10,000 to \$14,999 | 3 14% | 98 17% |
| \$15,000 to \$19,999 | - 0% | 70 12% |
| \$20,000 to \$29,999 | 5 23% | 110 19% |
| \$30,000 to \$39,999 | 1 5% | 77 13% |
| \$40,000 or More | 8 36% | 49 8% |
| Total | 22 100% | 582 100% |
| Median Financial Debt | \$23,000 | \$15,000 |

*includes only cases where financial debt was incurred



| 32. Government-Sponsored Student Loan Debt Amount:* | 13.0101 | SFU |
|---|-----------------------|------------------------|
| < \$1,000 | - 0% | 1 0% |
| \$1,000 to \$4,999 | - 0% | 54 11% |
| \$5,000 to \$9,999 | 2 12% | 101 20% |
| \$10,000 to \$14,999 | 2 12% | 87 17% |
| \$15,000 to \$19,999 | 1 6% | 79 16% |
| \$20,000 to \$29,999 | 4 24% | 103 20% |
| \$30,000 to \$39,999 | 7 41% | 58 12% |
| \$40,000 or More | 1 6% | 20 4% |
| Total | 17 100% | 503 100% |
| Median Gov't-Sponsored Student Loan Debt | \$25,000 | \$15,000 |

*includes only cases where government-sponsored debt was incurred

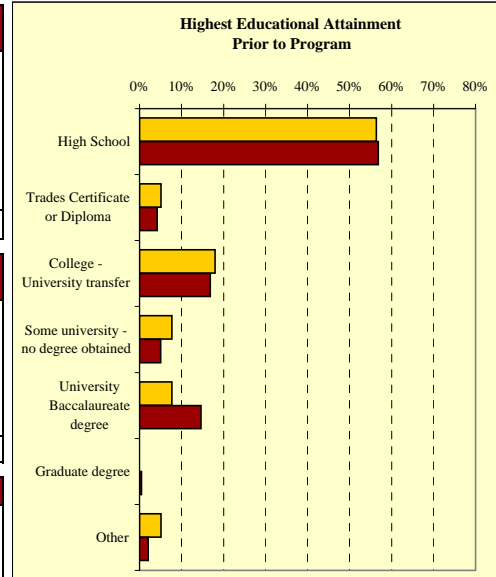


| 33. Outstanding Gov't-Sponsored Loan Debt Amount:* | 13.0101 | SFU |
|---|-----------------------|------------------------|
| None - Loan repaid in full | 5 29% | 198 41% |
| < \$1,000 | 1 6% | 7 1% |
| \$1,000 to \$4,999 | - 0% | 54 11% |
| \$5,000 to \$9,999 | 1 6% | 63 13% |
| \$10,000 to \$14,999 | 3 18% | 48 10% |
| \$15,000 to \$19,999 | 3 18% | 41 8% |
| \$20,000 to \$29,999 | 2 12% | 51 11% |
| \$30,000 to \$39,999 | 1 6% | 14 3% |
| \$40,000 or More | 1 6% | 7 1% |
| Total | 17 100% | 483 100% |
| Median Gov't-Sponsored Loan Debt Outstanding | \$12,000 | \$3,500 |

*includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided

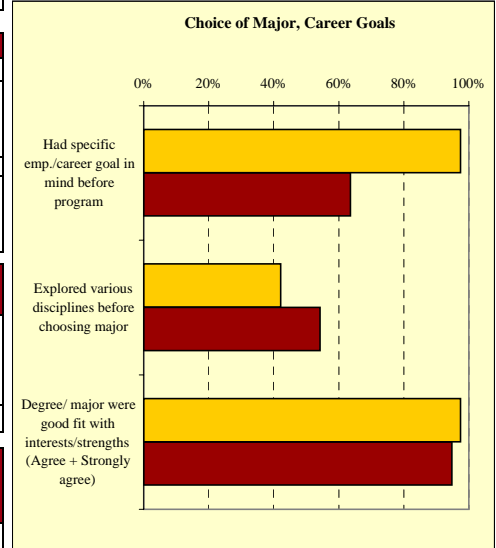
SPECIAL SECTION ON CAREER TRANSITIONS

| 34. Prior to starting [program], what was your highest level of educational attainment? | 13.0101 | | SFU | |
|---|-----------|-------------|--------------|-------------|
| High School | 22 | 56% | 841 | 57% |
| Trades Certificate or Diploma | 2 | 5% | 62 | 4% |
| College - University transfer | 7 | 18% | 249 | 17% |
| Some university - no degree obtained | 3 | 8% | 74 | 5% |
| University Baccalaureate degree | 3 | 8% | 217 | 15% |
| Graduate degree | - | 0% | 7 | 0% |
| Other | 2 | 5% | 30 | 2% |
| Total | 39 | 100% | 1,480 | 100% |



| 35. Prior to starting [program], what best describes your employment background? | 13.0101 | | SFU | |
|--|-----------|-------------|--------------|-------------|
| I was happily employed in a chosen career | 10 | 26% | 218 | 15% |
| I held one or more unsatisfying jobs | 10 | 26% | 457 | 31% |
| I was never employed on a steady basis | 6 | 15% | 361 | 24% |
| I held one or more satisfying jobs (but not a career) | 10 | 26% | 235 | 16% |
| I was a student | 2 | 5% | 193 | 13% |
| Other | 1 | 3% | 12 | 1% |
| Total | 39 | 100% | 1,476 | 100% |

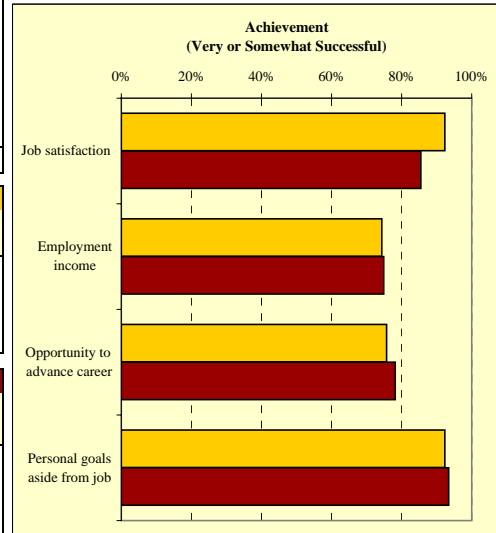
| 36. Deciding on career, university major: | 13.0101 | | SFU | |
|--|---------|------|-----|------|
| When I started [program], I had a specific career/employment goal in mind | 38 | 97%* | 915 | 64%* |
| I explored a variety of disciplines at university before deciding/confirming choice of major | 16 | 42%* | 777 | 54%* |



| 37. Change in career/employment expectations: | 13.0101 | | SFU | |
|---|---------|-----|-----|-----|
| During Program: | | | | |
| Changed significantly | 1 | 3% | 330 | 22% |
| Changed somewhat | 10 | 26% | 556 | 38% |
| Did not change at all | 28 | 72% | 588 | 40% |
| Since Graduation: | | | | |
| Changed significantly | 5 | 13% | 391 | 26% |
| Changed somewhat | 13 | 33% | 567 | 38% |
| Did not change at all | 21 | 54% | 519 | 35% |

| 38. Were your degree and major a good fit with your own interests and strengths? | 13.0101 | | SFU | |
|--|-----------|-------------|--------------|-------------|
| Strongly agree | 26 | 67% | 731 | 50% |
| Agree | 12 | 31% | 668 | 45% |
| Disagree | 1 | 3% | 65 | 4% |
| Strongly disagree | - | 0% | 12 | 1% |
| Total | 39 | 100% | 1,476 | 100% |

| 39. While completing [program], which of the following significantly influenced or shaped your career and program choices? | 13.0101 | | SFU | |
|--|------------|-------------|--------------|-------------|
| Work experience during studies | 19 | 19% | 640 | 19% |
| Work experience prior to studies | 14 | 14% | 424 | 13% |
| Personal experiences | 34 | 34% | 1,006 | 30% |
| Professors | 9 | 9% | 571 | 17% |
| Other counselling or advice | 9 | 9% | 219 | 7% |
| Study abroad | 3 | 3% | 86 | 3% |
| Travel (not for study) | 5 | 5% | 274 | 8% |
| Other | 8 | 8% | 124 | 4% |
| Total | 101 | 100% | 3,344 | 100% |



| 40. How successful have you been in achieving the following: | 13.0101 | | | | # Resp. |
|--|-----------------|---------------------|---------------------|-----------------------|---------|
| | Very successful | Somewhat successful | Not very successful | Not at all successful | |
| Job satisfaction | 44% | 49% | 8% | 0% | 39 |
| Employment income | 31% | 44% | 18% | 8% | 39 |
| Opportunity to advance career | 32% | 43% | 14% | 11% | 37 |
| Personal goals aside from job | 44% | 49% | 5% | 3% | 39 |

| 41. How successful have you been in achieving the following: | SFU | | | | # Resp. |
|--|-----------------|---------------------|---------------------|-----------------------|---------|
| | Very successful | Somewhat successful | Not very successful | Not at all successful | |
| Job satisfaction | 45% | 40% | 10% | 4% | 1,449 |
| Employment income | 28% | 47% | 18% | 7% | 1,448 |
| Opportunity to advance career | 36% | 42% | 15% | 6% | 1,435 |
| Personal goals aside from job | 47% | 46% | 6% | 1% | 1,469 |