BCStudent Outcomes
Shaping Post-Secondary Education

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

Detailed Summary of Survey Results
Simon Fraser University
26.0102: Biomedical sciences, general

SFU	▬
26.0102	▬

RESPONSE RATE

Survey Response Rate:	26.0102		SFU	
Baccalaureate Graduates Survey Cohort	40	100%	5,252	100%
Survey Respondents and Response Rate	20	50%	2,037	39%

Response Rate
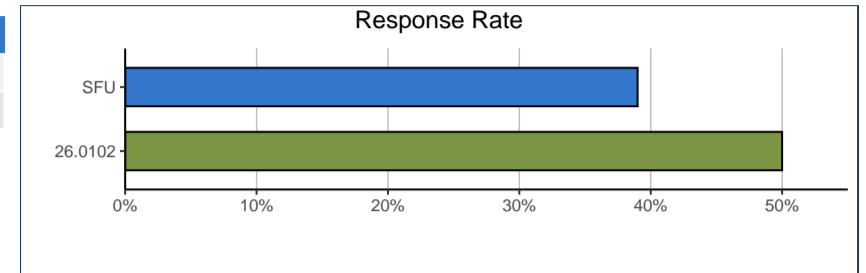
DEMOGRAPHIC INFORMATION

Self–Reporting Subgroups:	26.0102		SFU	
Disabled	~	~	202	10%
International	0	0%	376	18%
Aboriginal	0	0%	40	2%

Self–Reporting Subgroups
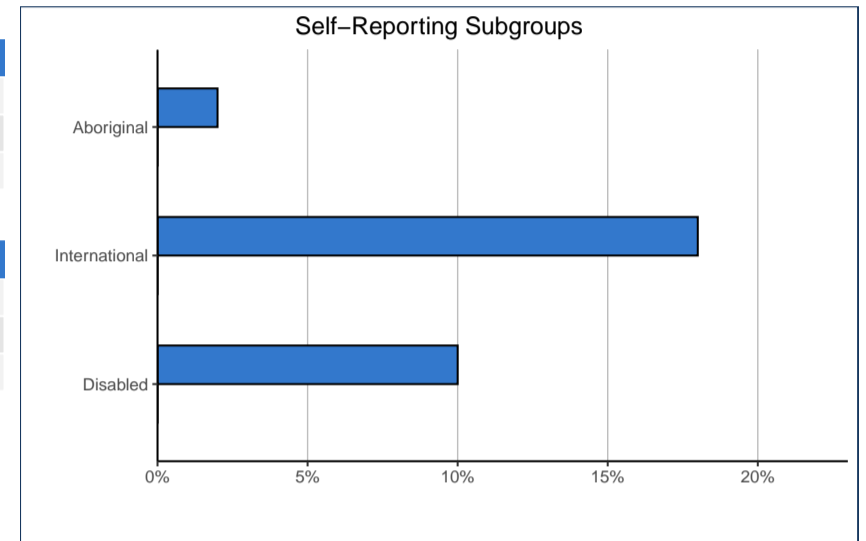
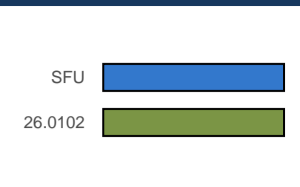| Gender:*	26.0102		SFU	
Male	9	45%	882	43%
Female	11	55%	1,155	57%
Total	20	100%	2,037	100%

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

Age (at time of survey):	26.0102		SFU	
< 25	~	~	209	10%
25 to 29	15	75%	1,527	75%
30 to 34	~	~	171	8%
35 to 39	0	0%	49	2%
40 to 49	0	0%	60	3%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	20	100%	2,037	100%
Median Age	25		26	
Average (mean) Age	26		27	

Age Distribution
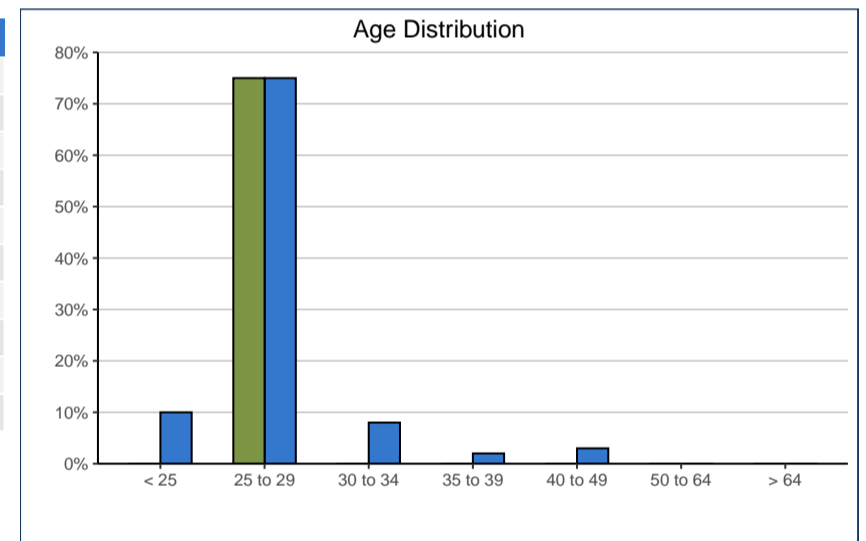
Place of Residence (at time of survey):	26.0102		SFU	
BC – Mainland/Southwest	19	95%	1,659	90%
BC – Vancouver Island/Coast	0	0%	42	2%
BC – Northern B.C.	0	0%	22	1%
BC – Interior/Kootenays	0	0%	24	1%
BC Subtotal	19	95%	1,747	95%
Canada – Alberta	~	~	21	1%
Canada – Ontario	0	0%	40	2%
Canada – Other	0	0%	15	1%
U.S.A.	0	0%	14	1%
Non–BC Subtotal	~	~	90	5%
Total	~	~	1,837	100%

Place of Residence

Within BC

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	SFU
26.0102	
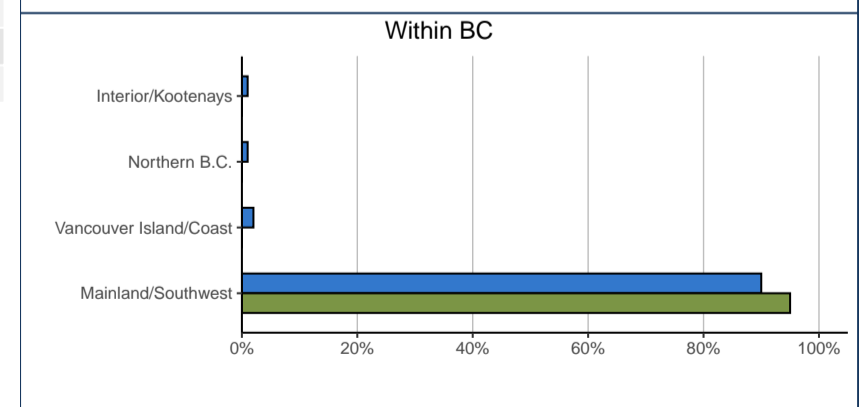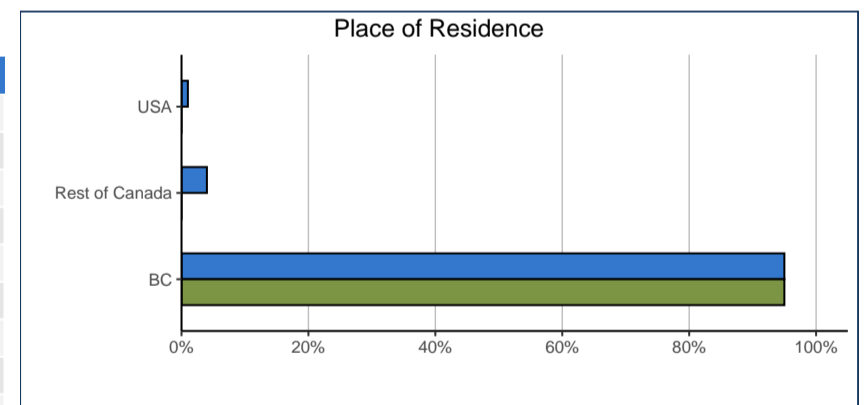
EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	26.0102		SFU	
Very Satisfied	1	5%	405	20%
Satisfied	15	79%	1,336	67%
Dissatisfied	2	11%	199	10%
Very Dissatisfied	1	5%	44	2%
Total	19	100%	1,984	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	26.0102		SFU	
Very Useful	2	18%	534	31%
Somewhat Useful	5	45%	867	51%
Not Very Useful	4	36%	225	13%
Not at All Useful	0	0%	72	4%
Total	11	100%	1,698	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	26.0102		SFU	
Yes	1	5%	163	8%
No	18	95%	1,823	92%

Program Satisfaction

Legend: Very Satisfied, Satisfied
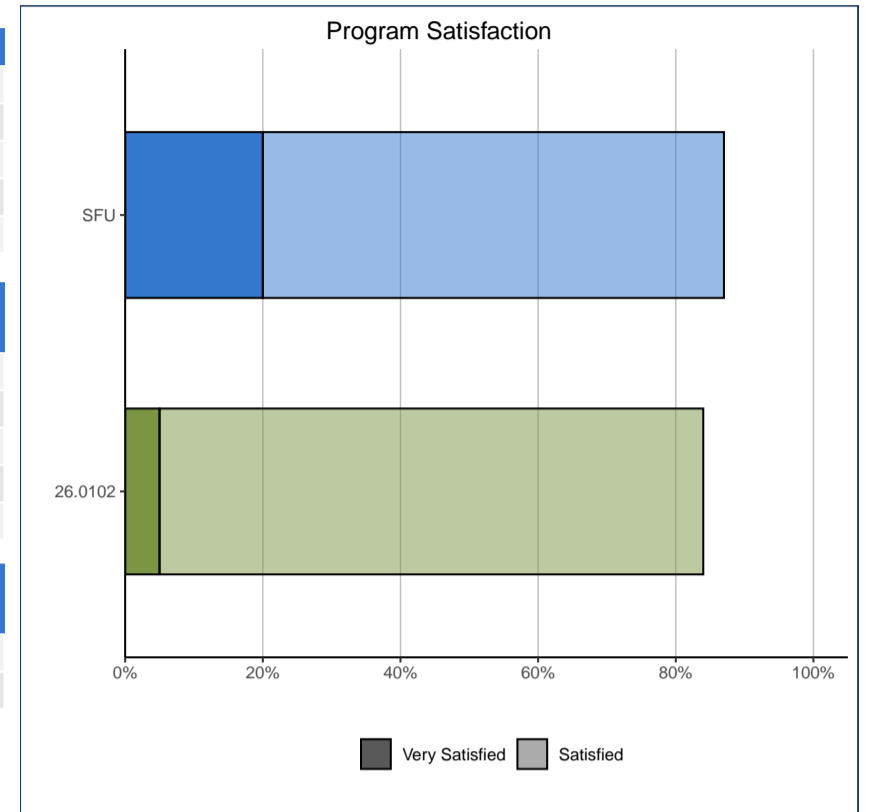
Would select the same program again:	26.0102		SFU	
Yes	7	47%	1,232	70%
No	8	53%	531	30%

Quality of Instruction:	26.0102		SFU	
Very Good	2	10%	440	22%
Good	16	80%	1,384	69%
Poor	2	10%	161	8%
Very Poor	0	0%	23	1%
Total	20	100%	2,008	100%
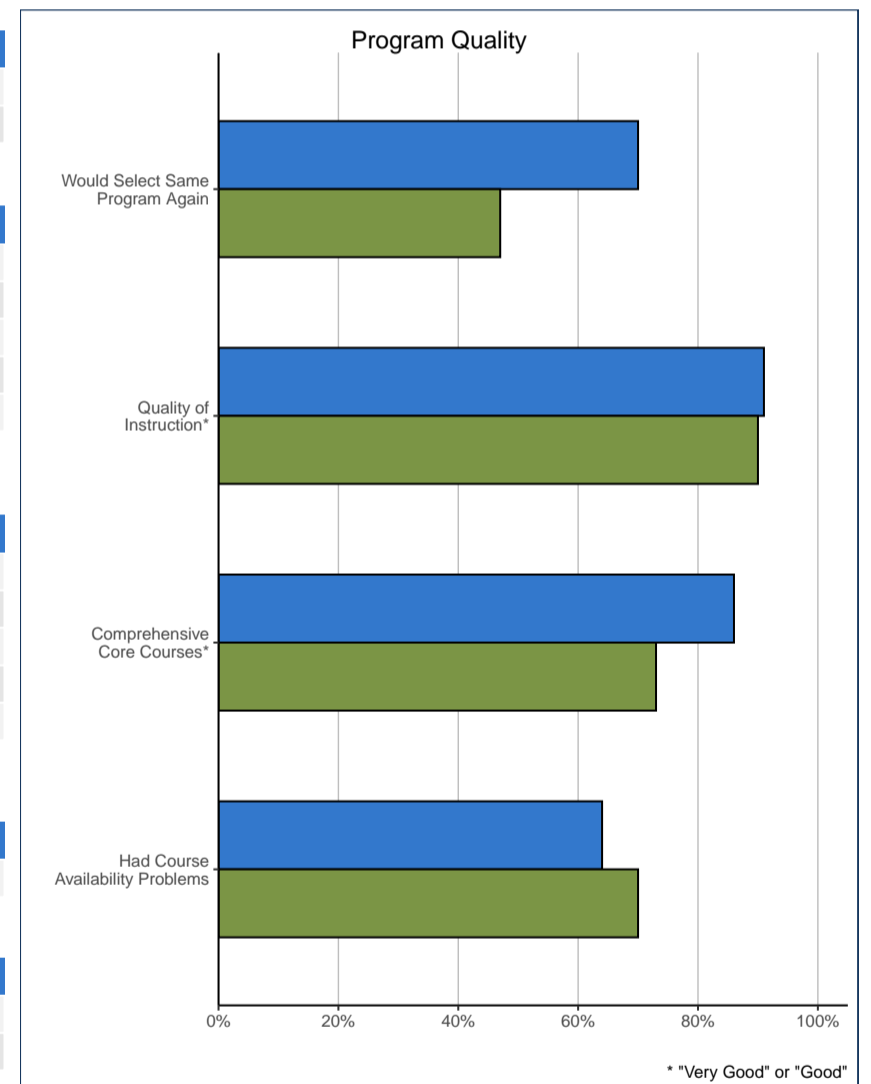
Comprehensiveness of Core Courses:	26.0102		SFU	
Very Good	5	26%	459	23%
Good	9	47%	1,245	63%
Poor	5	26%	233	12%
Very Poor	0	0%	38	2%
Total	19	100%	1,975	100%

Course Availability:	26.0102		SFU	
Encountered course availability problems	14	70%	1,279	64%

| Financial Constraints:	26.0102		SFU	
Had to interrupt studies for financial reasons	1	5%	246	12%
Had to take program part–time for financial reasons	5	25%	410	20%

Program Quality

Categories: Would Select Same Program Again, Quality of Instruction*, Comprehensive Core Courses*, Had Course Availability Problems

* "Very Good" or "Good"

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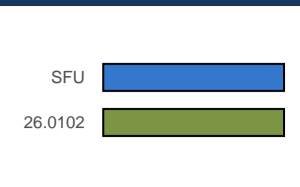
SFU	
26.0102	

SKILL DEVELOPMENT

Skill Development: How helpful was institution?	26.0102				
	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	10%	70%	15%	5%	20
Oral Communication	11%	53%	32%	5%	19
Reading and Comprehension	21%	63%	11%	5%	19
Group Collaboration	16%	63%	16%	5%	19
Critical Anlysis	15%	60%	20%	5%	20
Problem Resolution	15%	55%	20%	10%	20
Use of Mathematics	0%	50%	45%	5%	20
Conducting Research	30%	40%	20%	10%	20
Learning on Your Own	32%	47%	21%	0%	19

Skill Development: How helpful was institution?	SFU				
	Very Helpful	Helpful	Not Very Helpful	Not at All 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

Helpful with Skill Development

"Very Helpful" or "Helpful"
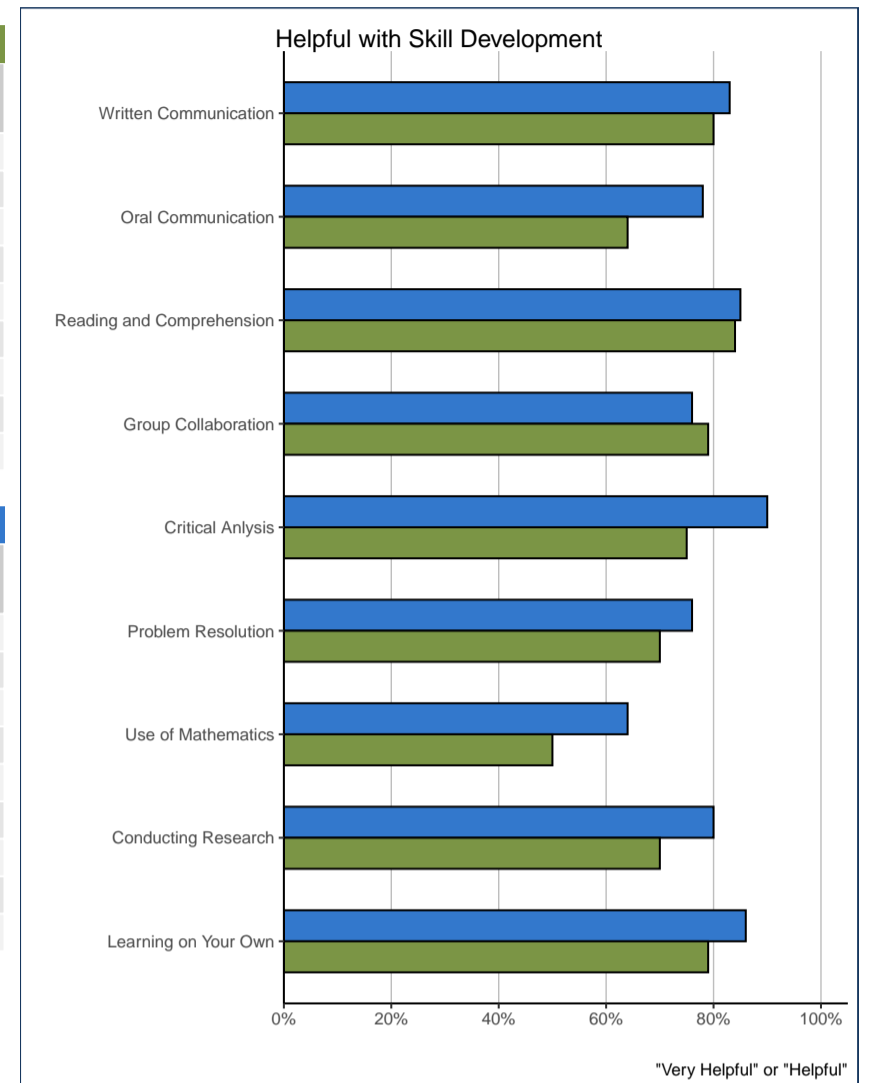
FURTHER EDUCATION

Took further education since 2020 graduation:	26.0102		SFU	
Yes	19	95%	893	44%
Not currently enrolled	1	5%	395	19%
Currently enrolled full–time	17	85%	329	16%
Currently enrolled part–time	0	0%	158	8%
No	1	5%	1,133	56%
Total	20	100%	2,026	100%

Have you taken further education since graduation?

Yes – Currently enrolled part–time   Yes – Currently enrolled full–time
Yes – Not currently enrolled   No
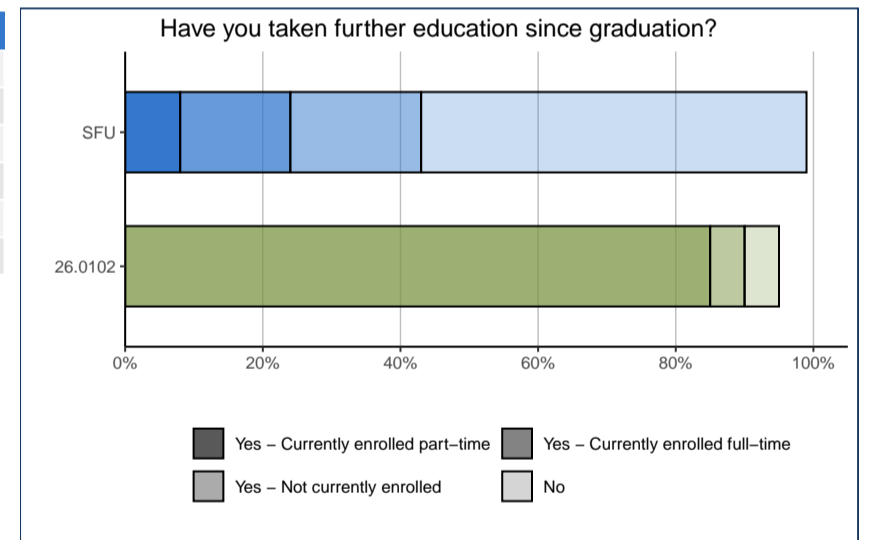
Type of Formal Post–Secondary Education:	26.0102		SFU	
Masters Degree	5	26%	229	26%
Doctoral Degree	2	11%	29	3%
Another Undergraduate Degree	9	47%	188	21%
Certificate or Diploma below Bachelor level	2	11%	136	15%
Professional Association Certification	0	0%	133	15%
Postgraduate Certificate or Diploma	0	0%	119	14%
Other	1	5%	44	5%
Total	19	100%	878	100%

Further Education/Training Type

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Simon Fraser University
26.0102: Biomedical sciences, general

SFU
26.0102
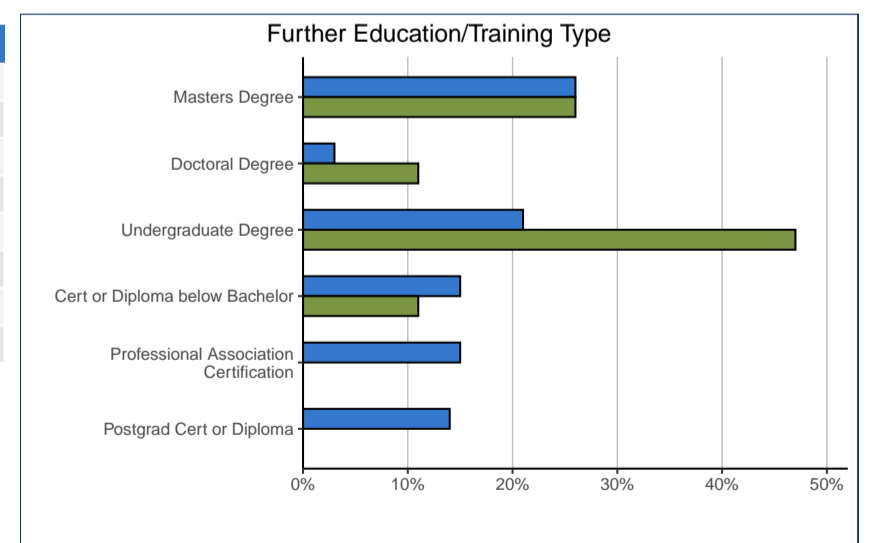
EMPLOYMENT

Labour Fource Status:	26.0102		SFU	
In Labour Force (working or seeking work)	11	55%	1,830	92%
Not in Labour Force	9	45%	168	8%
Total	20	100%	1,998	100%

Employment:	26.0102		SFU	
Employment Rate*	11	55%	1,708	84%
Unemployment Rate**	0	0.0%	122	6.7%

*Percent = Total employed divided by total number of respondents
**Percent = Total unemployed divided by total number in Labour Force
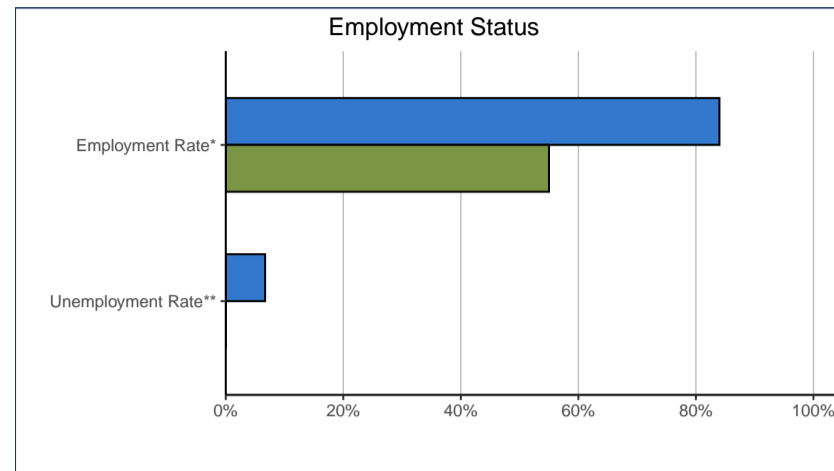
Employment Status

Status of Graduates NOT in Labour Force:	26.0102		SFU	
Attending School FT	9	100%	103	61%
Attending School PT	0	0%	8	5%
Other	0	0%	57	34%
Total NOT in Labour Force	9	100%	168	100%

Primary Employment Type:	26.0102		SFU	
Paid worker	10	91%	1,608	94%
Self–employed	1	9%	96	6%
Total	11	100%	1,704	100%

Job Characteristics:	26.0102		SFU	
I hold more than one job*	4	36%	301	18%
My main job is full–time (>= 30 hours per week)**	4	40%	1,432	89%

*Of total Employed
**Of those who provided data on hours/week worked

"Under–Employment" Assessment
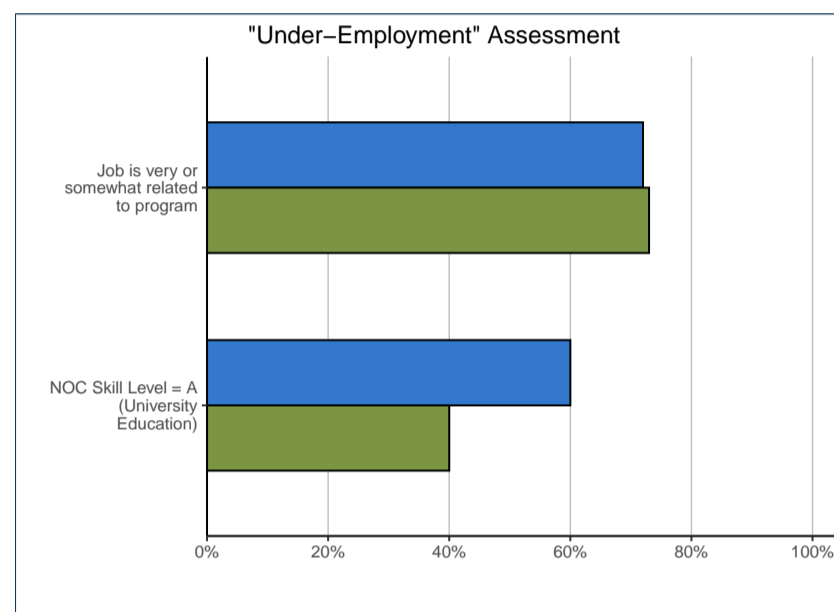
How related is your main job to your program?	26.0102		SFU	
Very Related	1	9%	624	37%
Somewhat Related	7	64%	605	35%
Not Very Related	1	9%	245	14%
Not at All Related	2	18%	231	14%
Total	11	100%	1,705	100%

"Under–employment" Assessment:	26.0102		SFU	
Job is very or somewhat related to program	8	73%	1,229	72%
NOC Skill Level = A (University Education)*	4	40%	945	60%

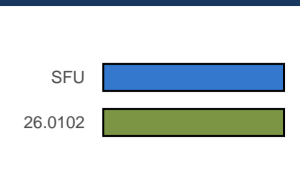*Of total valid responses

Gross Annual Income from Main Job:*	26.0102		SFU	
Less than $20,000	~	~	68	6%
$20,000 to $39,999	~	~	161	13%
$40,000 to $59,999	0	0%	413	34%
$60,000 to $79,999	~	~	351	29%
$80,000 to $99,999	0	0%	107	9%
$100,000 and Above	0	0%	108	9%
Total	8	100%	1,208	100%
Median Annual Income (full–time) ($)	50,722		60,000	
Average Annual Income (full–time) ($)	47,476		66,030	

*Where data provided

Gross Annual FT Income From Main Job ($,000)
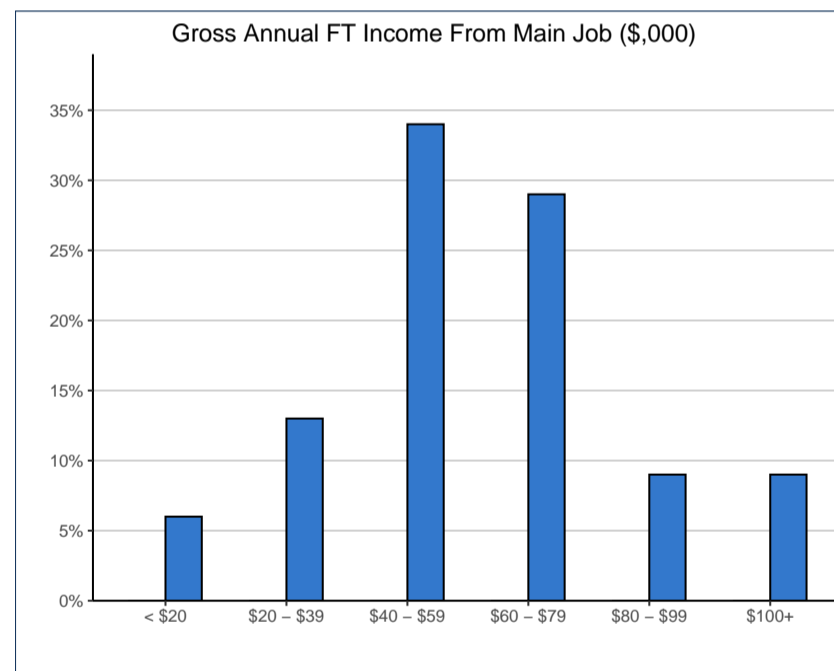
NOC Skill Type of Main Job:	26.0102		SFU	
Business, finance & administration	0	0%	446	28%
Natural & applied sciences & related	0	0%	331	21%
Health	8	80%	52	3%
Education, law and social, community & government	2	20%	460	29%
Art, culture, recreation & sport	0	0%	100	6%
Sales & service	0	0%	162	10%
Trades, transport & equipment operators & related	0	0%	13	1%
Natural resources, agriculture & related production	0	0%	3	0%
Manufacturing & utilities	0	0%	3	0%
Total	10	100%	1,570	100%

Employed Graduates by NOC Skill Type

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SFU	
26.0102	
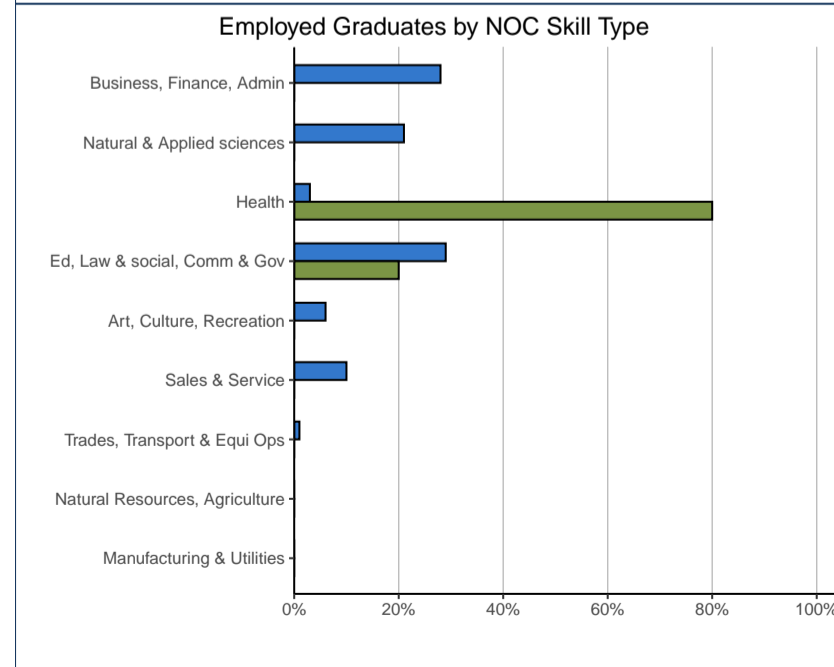
EMPLOYMENT, continued

NOC Skill Level of Main Job:	26.0102		SFU	
A. University education	4	40%	945	60%
B. College education/trade apprenticeship	2	20%	452	29%
C. Secondary school + job–specific training	4	40%	159	10%
D. No formal education	0	0%	18	1%
Total	10	100%	1,574	100%

NOC Skill Level of Main Job
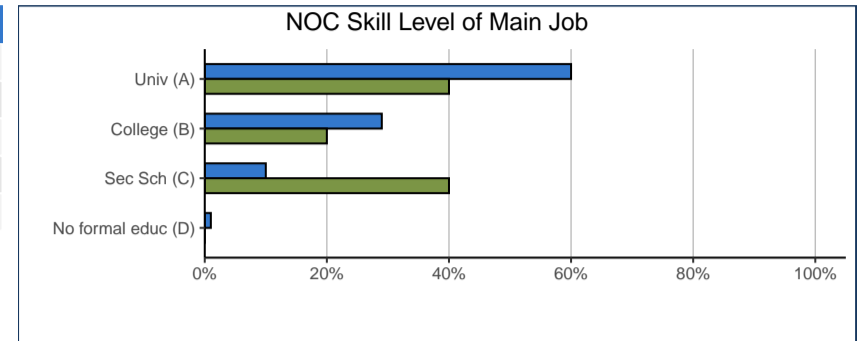
How useful are the following skills and abilities in doing your main job?	26.0102				
	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	27%	36%	36%	0%	11
Oral Communication	64%	36%	0%	0%	11
Reading and Comprehension	45%	55%	0%	0%	11
Group Collaboration	64%	27%	9%	0%	11
Critical Anlysis	55%	36%	9%	0%	11
Problem Resolution	55%	27%	18%	0%	11
Use of Mathematics	20%	30%	30%	20%	10
Conducting Research	50%	10%	20%	20%	10
Learning on Your Own	45%	55%	0%	0%	11
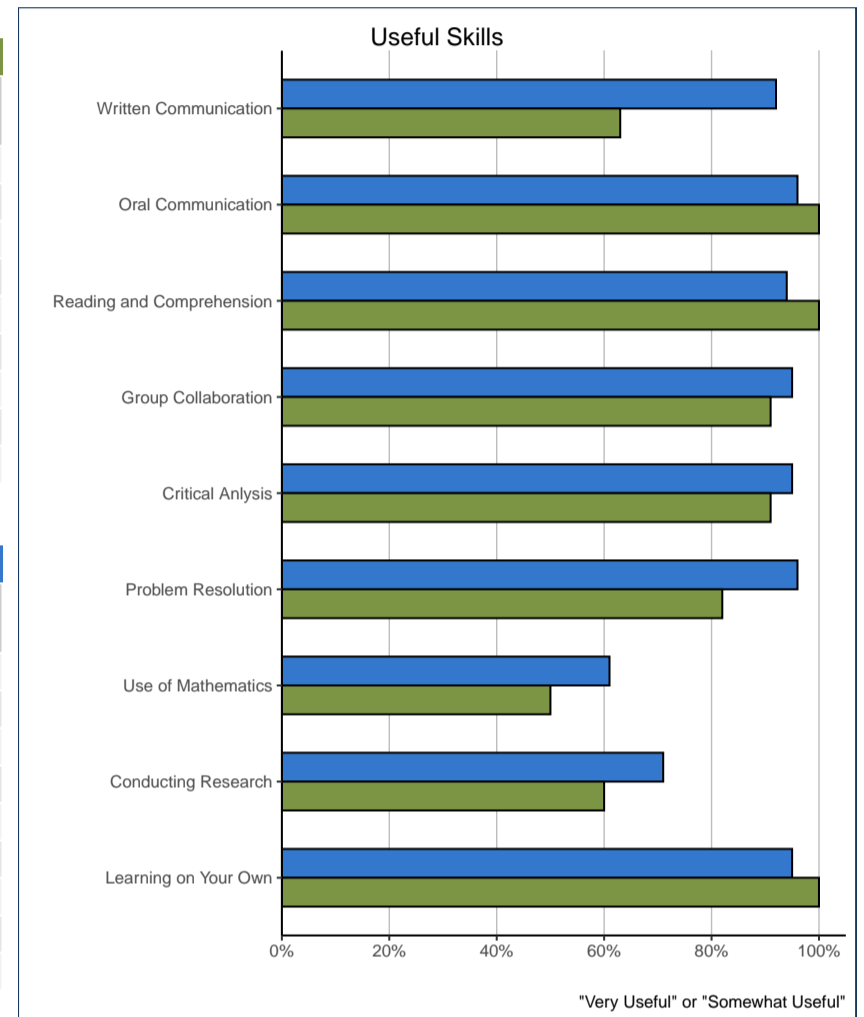
How useful are the following skills and abilities in doing your main job?	SFU				
	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	63%	29%	5%	3%	1,691
Oral Communication	70%	26%	3%	1%	1,694
Reading and Comprehension	66%	28%	4%	2%	1,692
Group Collaboration	72%	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

Useful Skills

"Very Useful" or "Somewhat Useful"

Top 10 Full–time Occupations of 26.0102 Graduates:			26.0102
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
*			
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* Data not displayed where n < 5
** Percentages cited are of those employed

Top 10 Full–time Occupations of SFU Graduates:			SFU
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
4032	A	Elementary school and kindergarten teachers	6%
2173	A	Software engineers and designers	5%
XXXX	O	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	B	Administrative officers	3%
4212	B	Social and community service workers	2%
5241	B	Graphic designers and illustrators	2%

* Data not displayed where n < 5
** Percentages cited are of those employed

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SFU
26.0102

EDUCATION FINANCING

Funding Sources (3 sources allowed):*	26.0102		SFU	
Personal savings, investments	4	20%	556	28%
Employment while studying	14	70%	982	50%
Family/Friends	10	50%	1,299	66%
Personal bank loans	1	5%	78	4%
Government student loans	6	30%	509	26%
Scholarships/Bursaries/Grants	10	50%	562	29%
Other	4	20%	448	23%
Total	20		1,968	

* Percentage of respondents who identified this source

Education Funding Sources

Financial Debt Incurred to Finance Bac. Ed.:*	26.0102		SFU	
Incurred any form of financial debt	8	40%	690	35%
Incurred government–sponsored student loan debt	7	35%	564	28%

* Percentage of respondents who provided data

Financial Debt Amount:*	26.0102		SFU	
< $1,000	0	0%	0	0%
$1,000 to $4,999	0	0%	16	3%
$5,000 to $9,999	1	13%	44	8%
$10,000 to $14,999	0	0%	67	13%
$15,000 to $19,999	0	0%	49	9%
$20,000 to $29,999	2	25%	107	20%
$30,000 to $39,999	2	25%	85	16%
$40,000 or More	3	38%	154	30%
Total	8	100%	522	100%
Median Financial Debt ($)	32,500		25,000	

* Includes only cases where financial debt was incurred

Financial Debt Incurred ($,000)

Gov't–Sponsored Student Loan Debt Amount:*	26.0102		SFU	
< $1,000	0	0%	0	0%
$1,000 to $4,999	0	0%	16	4%
$5,000 to $9,999	1	17%	43	11%
$10,000 to $14,999	0	0%	36	9%
$15,000 to $19,999	0	0%	40	10%
$20,000 to $29,999	2	33%	85	22%
$30,000 to $39,999	1	17%	59	15%
$40,000 or More	2	33%	103	27%
Total	6	100%	382	100%
Median Gov't–Sponsored Loan Debt ($)	30,000		25,000	

* Includes only cases where government–sponsored debt was incurred

Government–Sponsored Debt Incurred ($,000)

Gov't–Sponsored Loan Debt Outstanding:*	26.0102		SFU	
None – Loan repaid in full	1	17%	157	34%
< $1,000	0	0%	2	0%
$1,000 to $4,999	0	0%	20	4%
$5,000 to $9,999	0	0%	34	7%
$10,000 to $14,999	1	17%	30	7%
$15,000 to $19,999	0	0%	35	8%
$20,000 to $29,999	1	17%	64	14%
$30,000 to $39,999	0	0%	53	12%
$40,000 or More	3	50%	61	13%
Total	6	100%	456	100%
Median Gov't–Sponsored Loan Debt Outstanding** ($)	48,000		22,500	

* 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

Outstanding Government–Sponsored Debt ($,000)