B.C. Baccalaureate Outcomes
2023 Survey of 2021 Baccalaureate Graduates

Detailed Summary of Survey Results
Simon Fraser University
26.0101: Biology/biological sciences, general

SFU	
26.0101	

RESPONSE RATE

Survey Response Rate:	26.0101		SFU	
Baccalaureate Graduates Survey Cohort	116	100%	5,547	100%
Survey Respondents and Response Rate	47	41%	1,725	31%

Response Rate
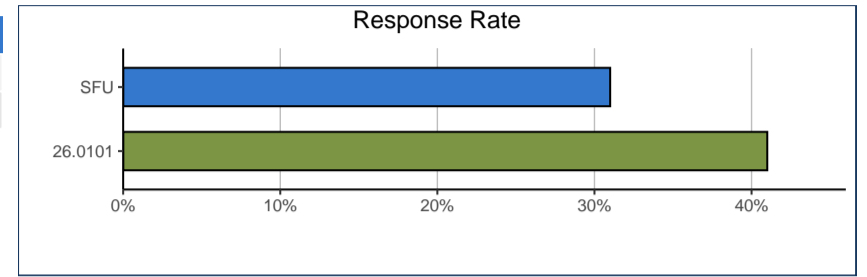
DEMOGRAPHIC INFORMATION

Self–Reporting Subgroups:	26.0101		SFU	
Disabled	7	16%	205	13%
International	~	~	333	19%
Aboriginal	0	0%	31	2%
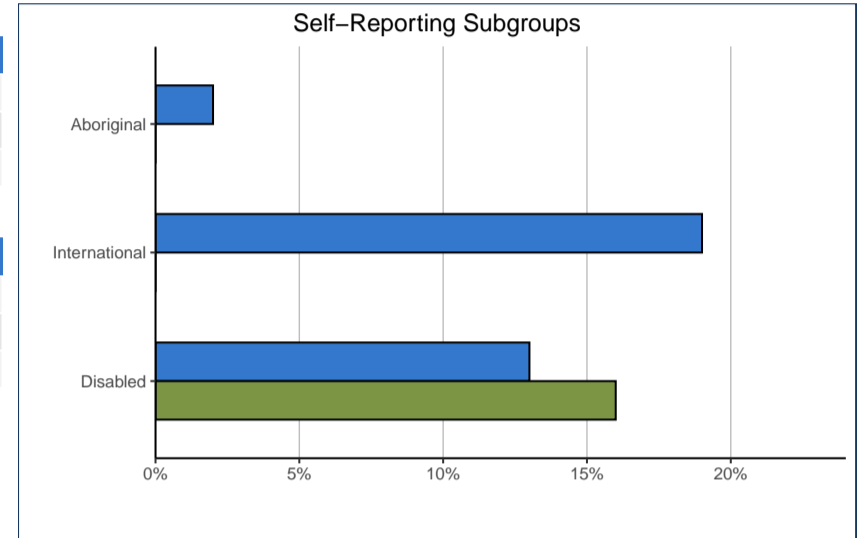
Gender:*	26.0101		SFU	
Male	20	43%	797	46%
Female	27	57%	924	54%
Total	47	100%	1,721	100%

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

Self–Reporting Subgroups

Age (at time of survey):	26.0101		SFU	
< 25	~	~	200	12%
25 to 29	39	83%	1,238	72%
30 to 34	~	~	165	10%
35 to 39	~	~	54	3%
40 to 49	~	~	53	3%
50 to 64	~	~	~	~
> 64	0	0%	~	~
Total	47	100%	1,725	100%
Median Age	26		26	
Average (mean) Age	27		28	

Age Distribution
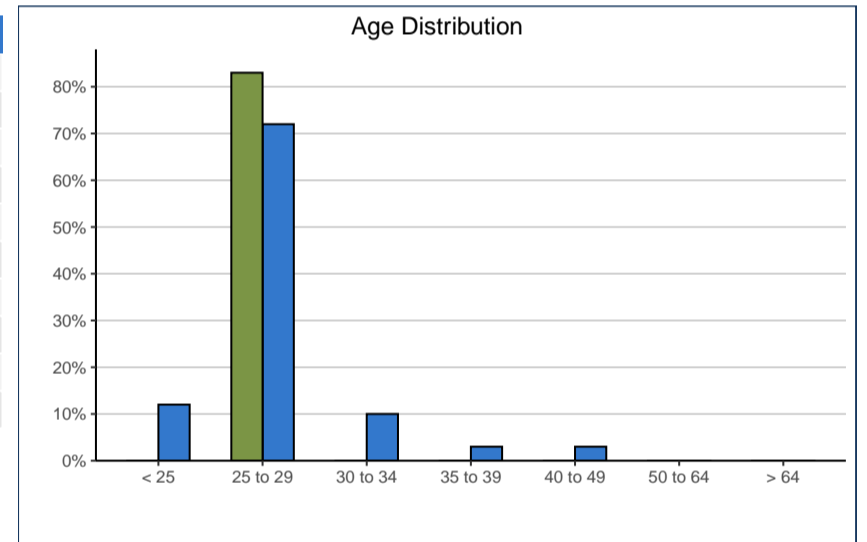
Place of Residence (at time of survey):	26.0101		SFU	
BC – Mainland/Southwest	~	~	1,390	90%
BC – Vancouver Island/Coast	~	~	32	2%
BC – Northern B.C.	0	0%	~	~
BC – Interior/Kootenays	~	~	~	~
BC Subtotal	41	100%	1,446	94%
Canada – Alberta	0	0%	16	1%
Canada – Ontario	0	0%	39	3%
Canada – Other	0	0%	18	1%
U.S.A.	0	0%	17	1%
Non–BC Subtotal	0	0%	90	6%
Total	41	100%	1,536	100%

Place of Residence

Within BC

BC Student Outcomes

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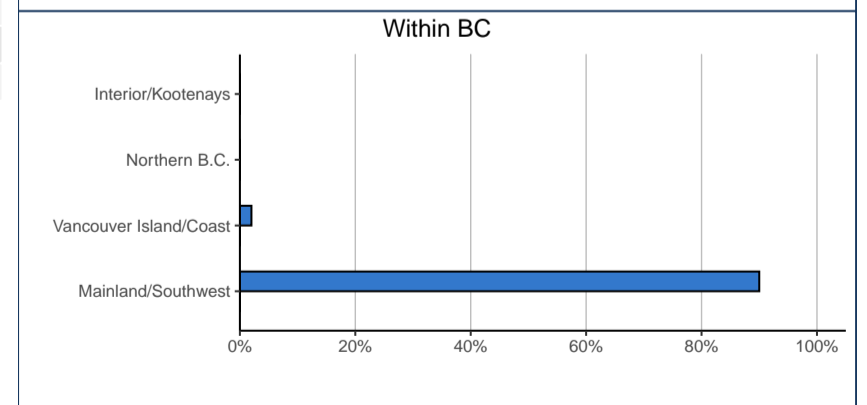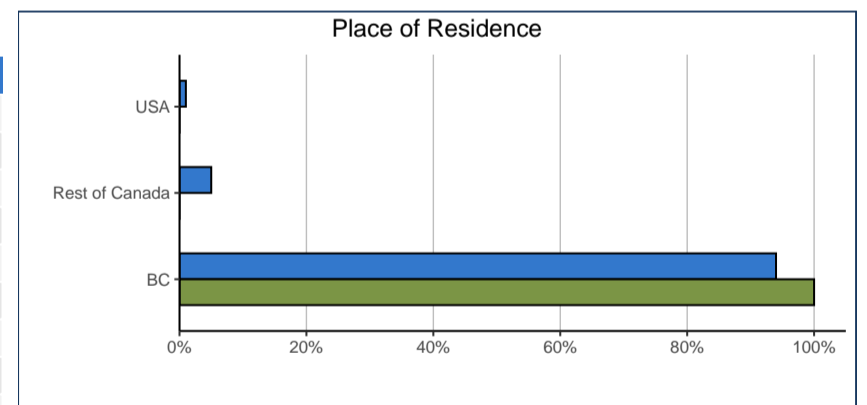
EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	26.0101		SFU	
Very Satisfied	7	16%	366	22%
Satisfied	22	50%	1,108	65%
Dissatisfied	13	30%	177	10%
Very Dissatisfied	2	5%	42	2%
Total	44	100%	1,693	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	26.0101		SFU	
Very Useful	5	14%	402	29%
Somewhat Useful	19	54%	749	53%
Not Very Useful	6	17%	182	13%
Not at All Useful	5	14%	70	5%
Total	35	100%	1,403	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	26.0101		SFU	
Yes	4	9%	157	9%
No	43	91%	1,507	91%
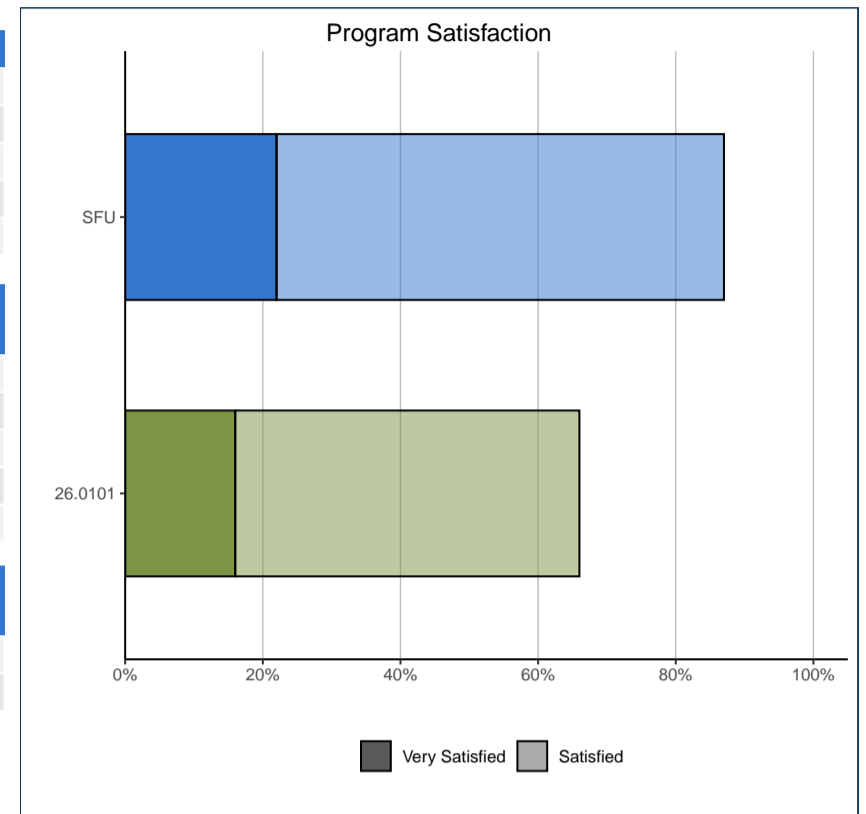
Would select the same program again:	26.0101		SFU	
Yes	15	39%	1,040	69%
No	23	61%	466	31%

Quality of Instruction:	26.0101		SFU	
Very Good	7	16%	383	22%
Good	28	62%	1,141	67%
Poor	8	18%	157	9%
Very Poor	2	4%	30	2%
Total	45	100%	1,711	100%
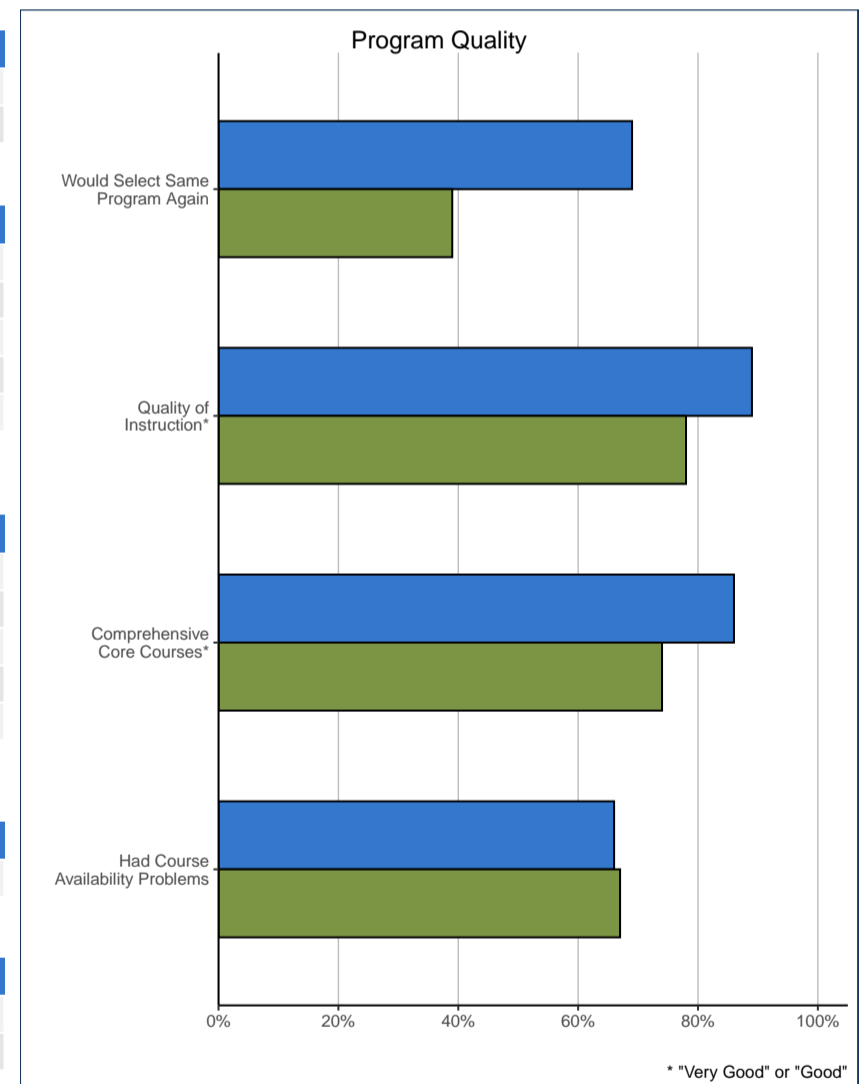
Comprehensiveness of Core Courses:	26.0101		SFU	
Very Good	5	12%	387	23%
Good	26	62%	1,062	63%
Poor	10	24%	191	11%
Very Poor	1	2%	37	2%
Total	42	100%	1,677	100%

Course Availability:	26.0101		SFU	
Encountered course availability problems	31	67%	1,122	66%

| Financial Constraints:	26.0101		SFU	
Had to interrupt studies for financial reasons	10	23%	203	12%
Had to take program part–time for financial reasons	12	26%	397	23%

Program Satisfaction

Very Satisfied   Satisfied

Program Quality

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

* "Very Good" or "Good"

BC Student Outcomes

Detailed Summary of Survey Results
Simon Fraser University
26.0101: Biology/biological sciences, general

SFU
26.0101

SKILL DEVELOPMENT

Skill Development: How helpful was institution?	26.0101				
	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	22%	53%	22%	2%	45
Oral Communication	14%	57%	25%	5%	44
Reading and Comprehension	28%	60%	11%	2%	47
Group Collaboration	6%	51%	28%	15%	47
Critical Anlysis	21%	66%	6%	6%	47
Problem Resolution	7%	45%	41%	7%	44
Use of Mathematics	5%	52%	32%	11%	44
Conducting Research	33%	41%	24%	2%	46
Learning on Your Own	28%	53%	13%	6%	47

Skill Development: How helpful was institution?	SFU				
	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	27%	57%	13%	3%	1,667
Oral Communication	23%	56%	19%	3%	1,660
Reading and Comprehension	26%	57%	15%	2%	1,682
Group Collaboration	23%	52%	20%	5%	1,691
Critical Anlysis	39%	52%	8%	1%	1,702
Problem Resolution	23%	54%	19%	4%	1,653
Use of Mathematics	20%	45%	27%	8%	1,376
Conducting Research	27%	52%	17%	4%	1,592
Learning on Your Own	35%	51%	10%	3%	1,677

Helpful with Skill Development

"Very Helpful" or "Helpful"
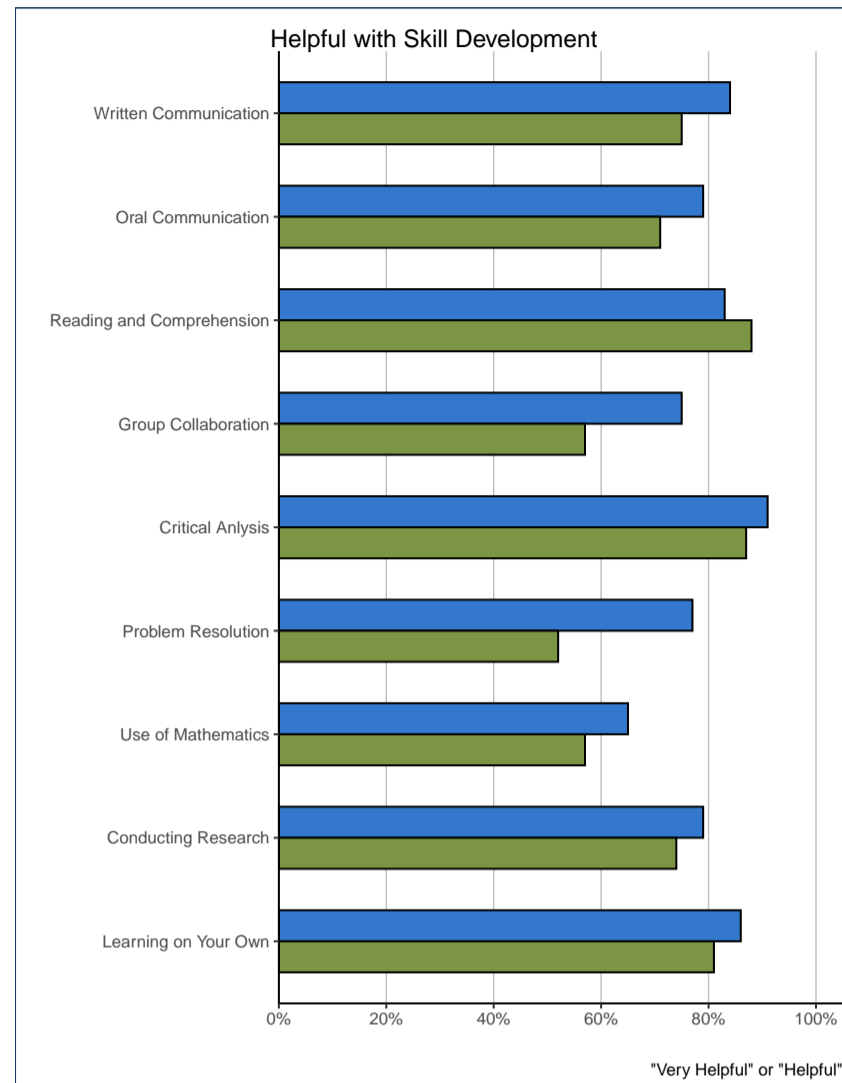
FURTHER EDUCATION

Took further education since 2021 graduation:	26.0101		SFU	
Yes	25	56%	697	41%
Not currently enrolled	8	18%	327	19%
Currently enrolled full–time	15	33%	258	15%
Currently enrolled part–time	1	2%	103	6%
No	20	44%	1,015	59%
Total	45	100%	1,712	100%

Have you taken further education since graduation?

- Yes – Currently enrolled part–time
- Yes – Currently enrolled full–time
- Yes – Not currently enrolled
- No
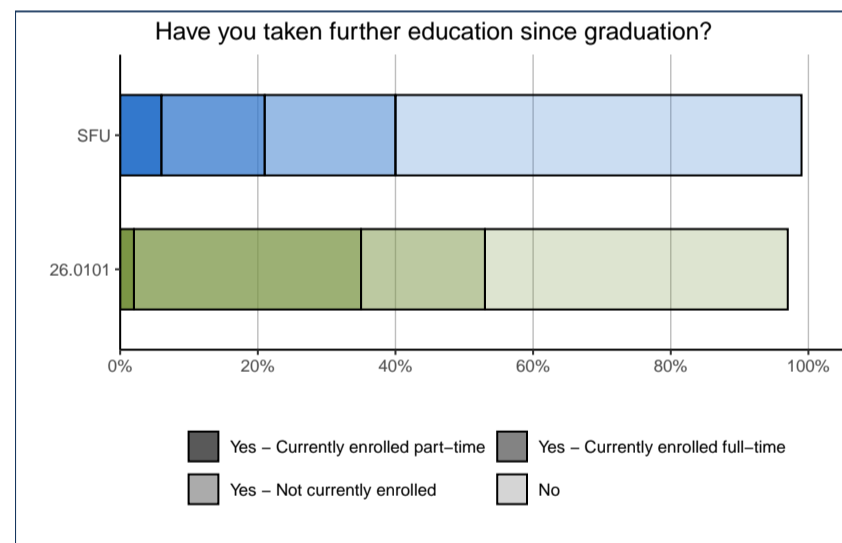
Type of Formal Post–Secondary Education:	26.0101		SFU	
Masters Degree	4	16%	185	27%
Doctoral Degree	2	8%	28	4%
Another Undergraduate Degree	7	28%	147	21%
Certificate or Diploma below Bachelor level	7	28%	129	19%
Professional Association Certification	1	4%	89	13%
Postgraduate Certificate or Diploma	1	4%	81	12%
Other	3	12%	31	4%
Total	25	100%	690	100%

Further Education/Training Type

BC Student Outcomes

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SFU
26.0101
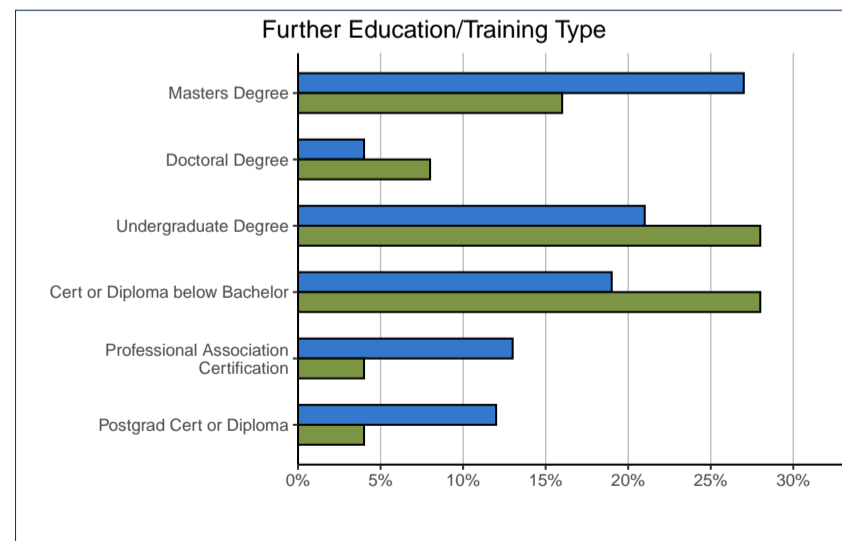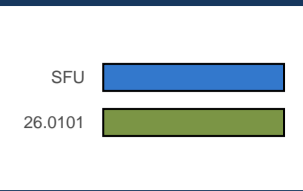
EMPLOYMENT

Labour Fource Status:	26.0101		SFU	
In Labour Force (working or seeking work)	40	89%	1,542	91%
Not in Labour Force	5	11%	150	9%
Total	45	100%	1,692	100%

Employment:	26.0101		SFU	
Employment Rate*	36	77%	1,418	82%
Unemployment Rate**	4	10.0%	124	8.0%

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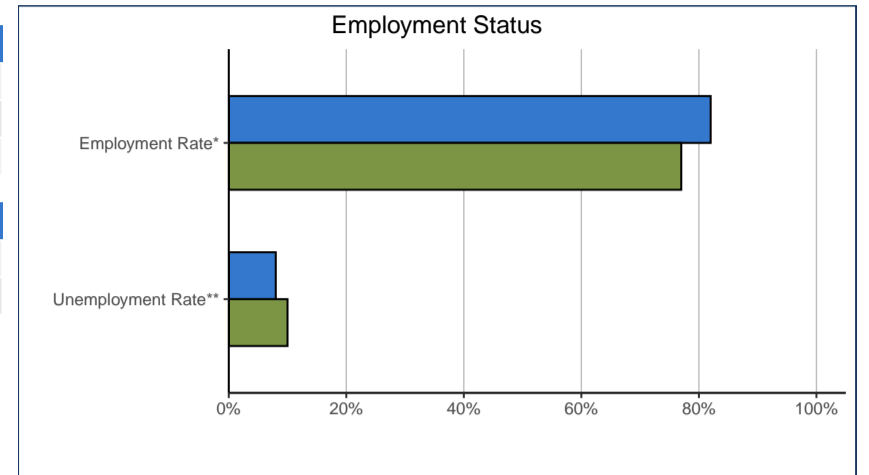
Employment Status

Status of Graduates NOT in Labour Force:	26.0101		SFU	
Attending School FT	5	100%	100	67%
Attending School PT	0	0%	2	1%
Other	0	0%	48	32%
Total NOT in Labour Force	5	100%	150	100%
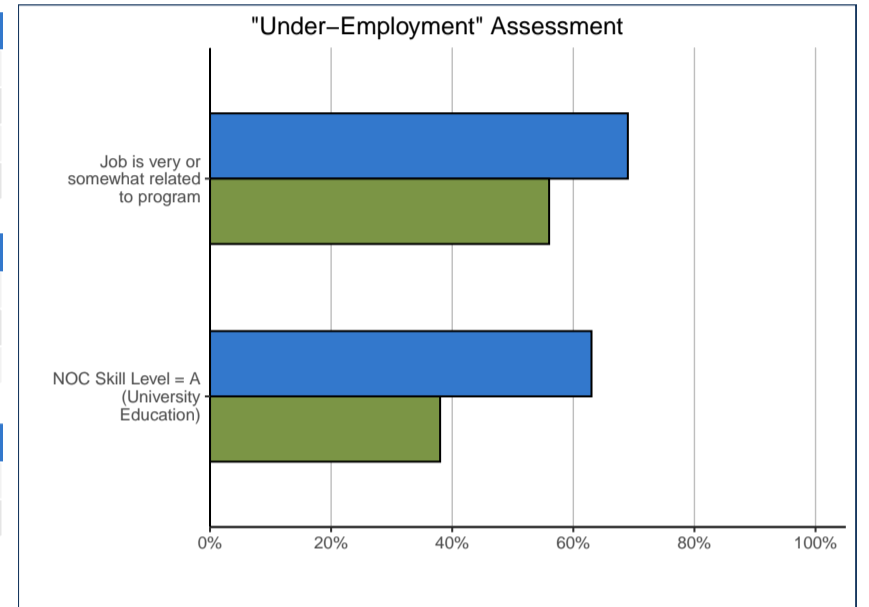
Primary Employment Type:	26.0101		SFU	
Paid worker	34	97%	1,335	95%
Self–employed	1	3%	73	5%
Total	35	100%	1,408	100%

Job Characteristics:	26.0101		SFU	
I hold more than one job*	6	17%	217	15%
My main job is full–time (>= 30 hours per week)**	24	83%	1,195	90%

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

"Under–Employment" Assessment

How related is your main job to your program?	26.0101		SFU	
Very Related	8	22%	509	36%
Somewhat Related	12	33%	471	33%
Not Very Related	4	11%	216	15%
Not at All Related	12	33%	219	15%
Total	36	100%	1,415	100%

"Under–employment" Assessment:	26.0101		SFU	
Job is very or somewhat related to program	20	56%	980	69%
NOC Skill Level = A (University Education)*	11	38%	801	63%

*Of total valid responses

Gross Annual Income from Main Job:*	26.0101		SFU	
Less than $20,000	5	21%	59	6%
$20,000 to $39,999	7	29%	113	11%
$40,000 to $59,999	7	29%	283	27%
$60,000 to $79,999	5	21%	345	33%
$80,000 to $99,999	0	0%	122	12%
$100,000 and Above	0	0%	110	11%
Total	24	100%	1,032	100%
Median Annual Income (full–time) ($)	44,500		65,000	
Average Annual Income (full–time) ($)	47,387		69,847	

*Where data provided

Gross Annual FT Income From Main Job ($,000)

NOC Skill Type of Main Job:	26.0101		SFU	
Business, finance & administration	3	10%	342	27%
Natural & applied sciences & related	8	28%	314	25%
Health	0	0%	41	3%
Education, law and social, community & government	9	31%	389	31%
Art, culture, recreation & sport	1	3%	59	5%
Sales & service	5	17%	110	9%
Trades, transport & equipment operators & related	2	7%	13	1%
Natural resources, agriculture & related production	1	3%	2	0%
Manufacturing & utilities	0	0%	5	0%
Total	29	100%	1,275	100%

Employed Graduates by NOC Skill Type

	SFU
26.0101	
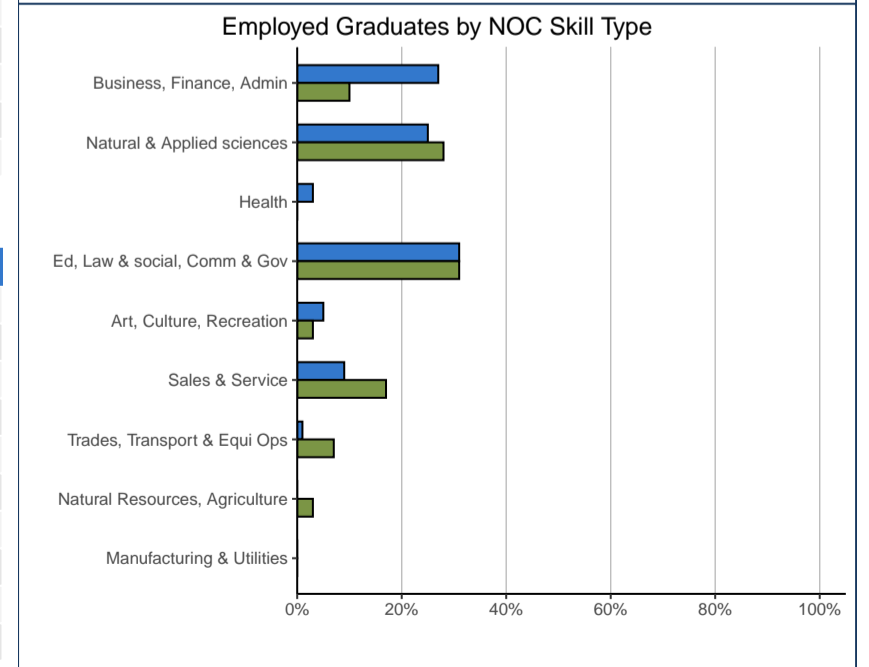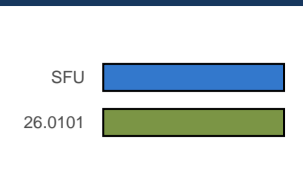
EMPLOYMENT, continued

NOC Skill Level of Main Job:	26.0101		SFU	
A. University education	11	38%	801	63%
B. College education/trade apprenticeship	11	38%	332	26%
C. Secondary school + job–specific training	6	21%	130	10%
D. No formal education	1	3%	16	1%
Total	29	100%	1,279	100%

NOC Skill Level of Main Job
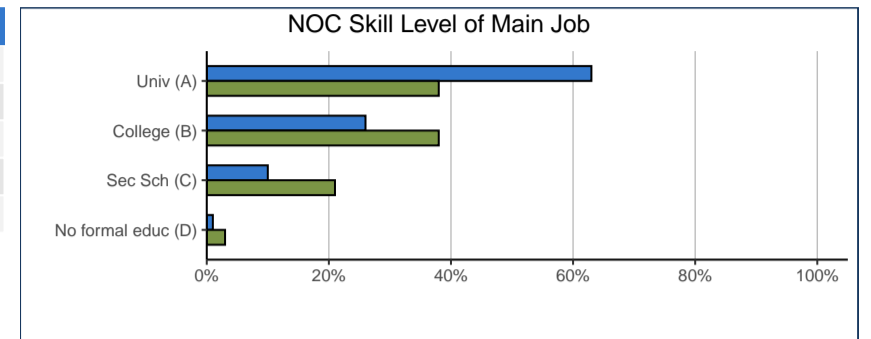
How useful are the following skills and abilities in doing your main job?	26.0101				
	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	54%	31%	3%	11%	35
Oral Communication	71%	17%	3%	9%	35
Reading and Comprehension	54%	31%	9%	6%	35
Group Collaboration	74%	20%	3%	3%	35
Critical Anlysis	66%	14%	11%	9%	35
Problem Resolution	69%	23%	6%	3%	35
Use of Mathematics	11%	34%	23%	31%	35
Conducting Research	27%	36%	12%	24%	33
Learning on Your Own	63%	20%	9%	9%	35
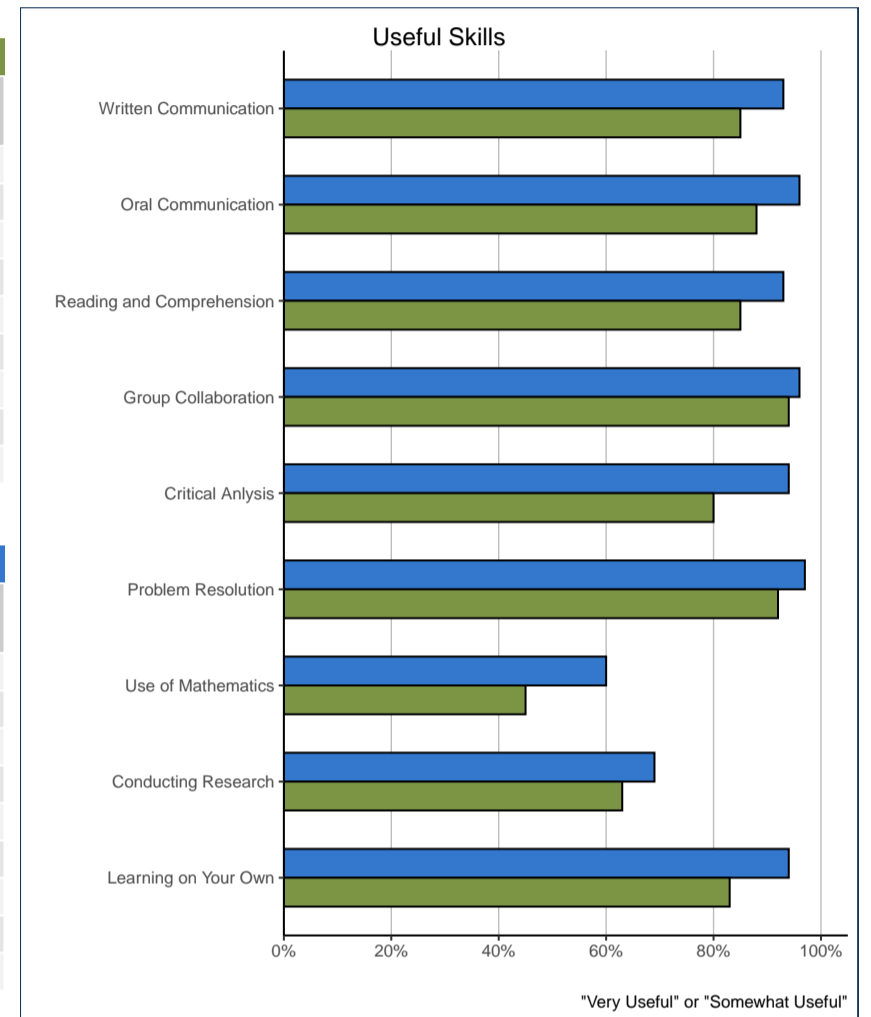
How useful are the following skills and abilities in doing your main job?	SFU				
	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	65%	28%	5%	3%	1,407
Oral Communication	73%	23%	3%	1%	1,404
Reading and Comprehension	66%	27%	4%	2%	1,407
Group Collaboration	74%	22%	3%	1%	1,407
Critical Anlysis	70%	24%	4%	1%	1,408
Problem Resolution	76%	21%	3%	1%	1,405
Use of Mathematics	24%	36%	24%	15%	1,377
Conducting Research	33%	36%	17%	14%	1,383
Learning on Your Own	65%	29%	4%	2%	1,402

Useful Skills

"Very Useful" or "Somewhat Useful"

Top 10 Full–time Occupations of 26.0101 Graduates:			26.0101
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.**
XXXX	O	Unclassified occupations	7%
4032	A	Elementary school and kindergarten teachers	5%
2173	A	Software engineers and designers	5%
2174	A	Computer programmers and interactive media developers	4%
4031	A	Secondary school teachers	4%
1123	A	Professional occupations in advertising, marketing and public relations	3%
4212	B	Social and community service workers	3%
1111	A	Financial auditors and accountants	2%
2171	A	Information systems analysts and consultants	2%
1221	B	Administrative officers	2%

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

BC Student Outcomes

	SFU
26.0101	

EDUCATION FINANCING

Funding Sources (3 sources allowed):*	26.0101		SFU	
Personal savings, investments	11	24%	481	29%
Employment while studying	29	63%	824	49%
Family/Friends	30	65%	1,104	66%
Personal bank loans	2	4%	59	4%
Government student loans	15	33%	457	27%
Scholarships/Bursaries/Grants	16	35%	498	30%
Other	12	26%	437	26%
Total	46		1,671	

* Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	26.0101		SFU	
Incurred any form of financial debt	18	38%	612	37%
Incurred government–sponsored student loan debt	16	34%	498	29%

* Percentage of respondents who provided data

Financial Debt Amount:*	26.0101		SFU	
< $1,000	0	0%	1	0%
$1,000 to $4,999	1	7%	13	3%
$5,000 to $9,999	1	7%	37	8%
$10,000 to $14,999	0	0%	54	12%
$15,000 to $19,999	2	13%	39	9%
$20,000 to $29,999	2	13%	80	18%
$30,000 to $39,999	3	20%	67	15%
$40,000 or More	6	40%	150	34%
Total	15	100%	441	100%
Median Financial Debt ($)	32,000		28,000	

* Includes only cases where financial debt was incurred

Gov't–Sponsored Student Loan Debt Amount:*	26.0101		SFU	
< $1,000	0	0%	2	1%
$1,000 to $4,999	0	0%	13	4%
$5,000 to $9,999	1	10%	37	12%
$10,000 to $14,999	1	10%	31	10%
$15,000 to $19,999	2	20%	29	9%
$20,000 to $29,999	2	20%	58	18%
$30,000 to $39,999	1	10%	53	17%
$40,000 or More	3	30%	92	29%
Total	10	100%	315	100%
Median Gov't–Sponsored Loan Debt ($)	28,376		26,000	

* Includes only cases where government–sponsored debt was incurred

Gov't–Sponsored Loan Debt Outstanding:*	26.0101		SFU	
None – Loan repaid in full	2	20%	89	24%
< $1,000	0	0%	1	0%
$1,000 to $4,999	1	10%	21	6%
$5,000 to $9,999	1	10%	37	10%
$10,000 to $14,999	3	30%	36	10%
$15,000 to $19,999	0	0%	27	7%
$20,000 to $29,999	1	10%	66	18%
$30,000 to $39,999	1	10%	49	13%
$40,000 or More	1	10%	50	13%
Total	10	100%	376	100%
Median Gov't–Sponsored Loan Debt Outstanding** ($)	10,500		20,000	

* 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

Education Funding Sources

Financial Debt Incurred ($,000)

Government–Sponsored Debt Incurred ($,000)

Outstanding Government–Sponsored Debt ($,000)