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

Detailed Summary of Survey Results
Simon Fraser University
11.0899: Computer software and media applications, other

SFU
11.0899

RESPONSE RATE

Survey Response Rate:	11.0899		SFU	
Baccalaureate Graduates Survey Cohort	206	100%	5,547	100%
Survey Respondents and Response Rate	57	28%	1,725	31%

Response Rate
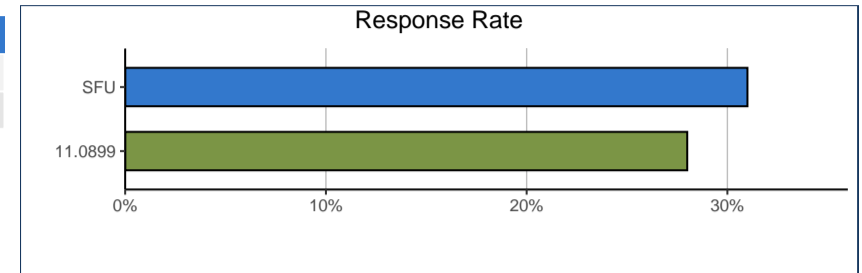
DEMOGRAPHIC INFORMATION

Self–Reporting Subgroups:	11.0899		SFU	
Disabled	13	25%	205	13%
International	12	21%	333	19%
Aboriginal	0	0%	31	2%
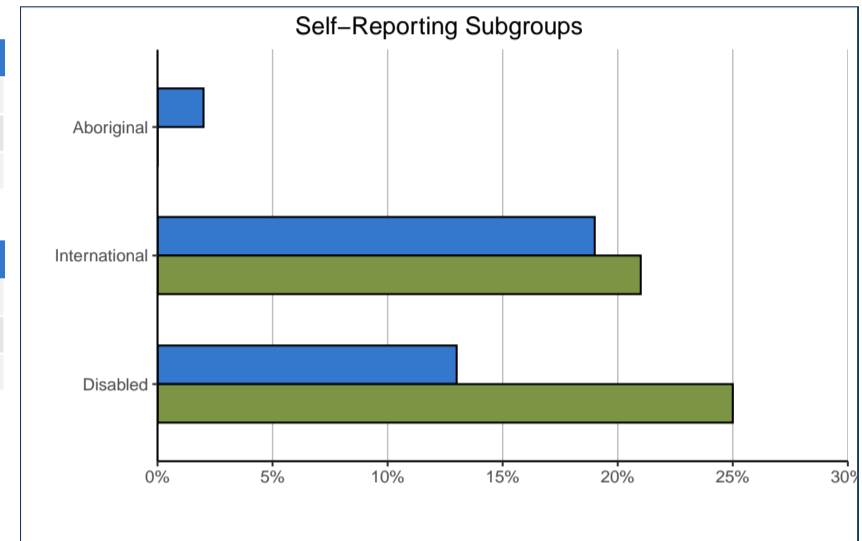
Gender:*	11.0899		SFU	
Male	29	51%	797	46%
Female	28	49%	924	54%
Total	57	100%	1,721	100%

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

Self–Reporting Subgroups

Age (at time of survey):	11.0899		SFU	
< 25	~	~	200	12%
25 to 29	48	84%	1,238	72%
30 to 34	~	~	165	10%
35 to 39	~	~	54	3%
40 to 49	0	0%	53	3%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	57	100%	1,725	100%
Median Age	27		26	
Average (mean) Age	27		28	

Age Distribution
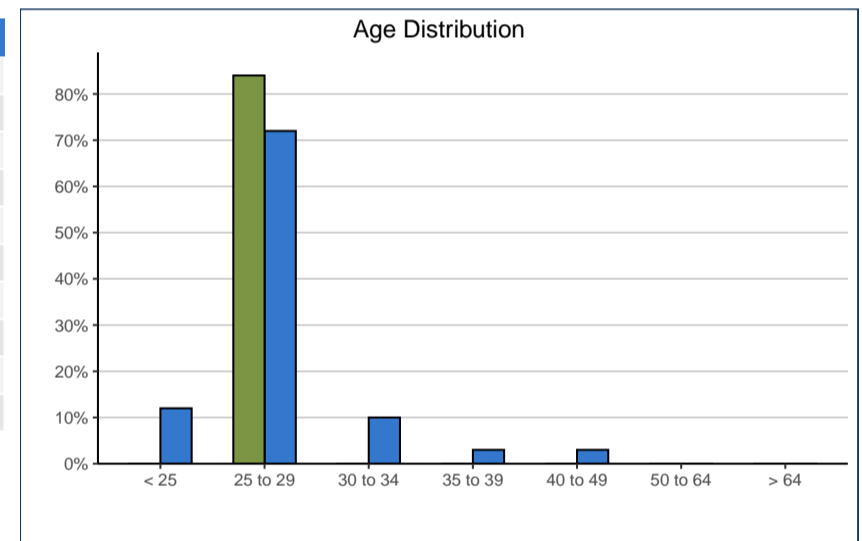
Place of Residence (at time of survey):	11.0899		SFU	
BC – Mainland/Southwest	~	~	1,390	90%
BC – Vancouver Island/Coast	~	~	32	2%
BC – Northern B.C.	0	0%	~	~
BC – Interior/Kootenays	~	~	~	~
BC Subtotal	47	98%	1,446	94%
Canada – Alberta	0	0%	16	1%
Canada – Ontario	0	0%	39	3%
Canada – Other	0	0%	18	1%
U.S.A.	~	~	17	1%
Non–BC Subtotal	~	~	90	6%
Total	~	~	1,536	100%

Place of Residence

Within BC

BC Student Outcomes

	SFU
11.0899	
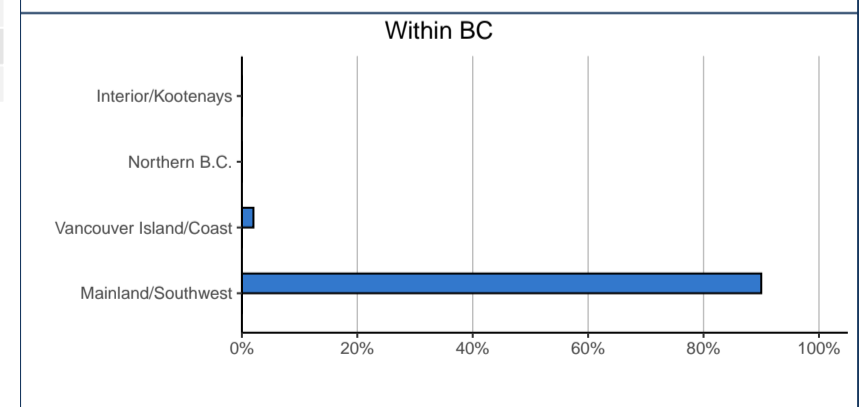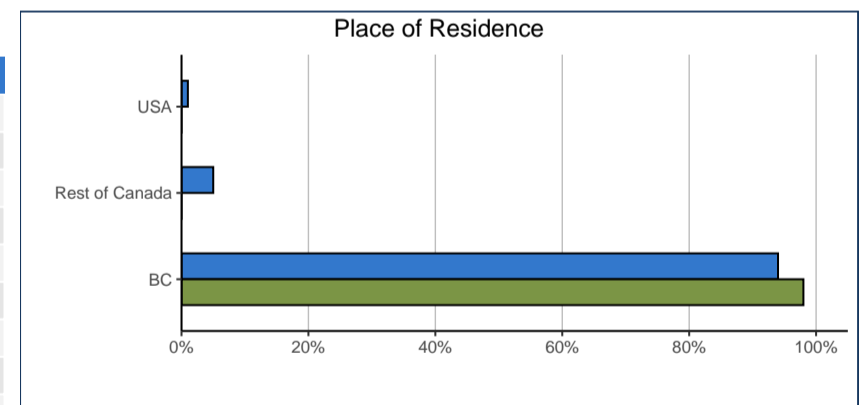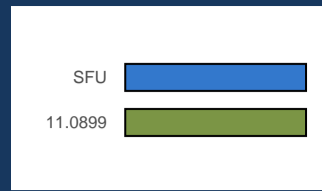
EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	11.0899		SFU	
Very Satisfied	6	11%	366	22%
Satisfied	41	75%	1,108	65%
Dissatisfied	7	13%	177	10%
Very Dissatisfied	1	2%	42	2%
Total	55	100%	1,693	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	11.0899		SFU	
Very Useful	14	32%	402	29%
Somewhat Useful	25	57%	749	53%
Not Very Useful	3	7%	182	13%
Not at All Useful	2	5%	70	5%
Total	44	100%	1,403	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	11.0899		SFU	
Yes	7	13%	157	9%
No	46	87%	1,507	91%
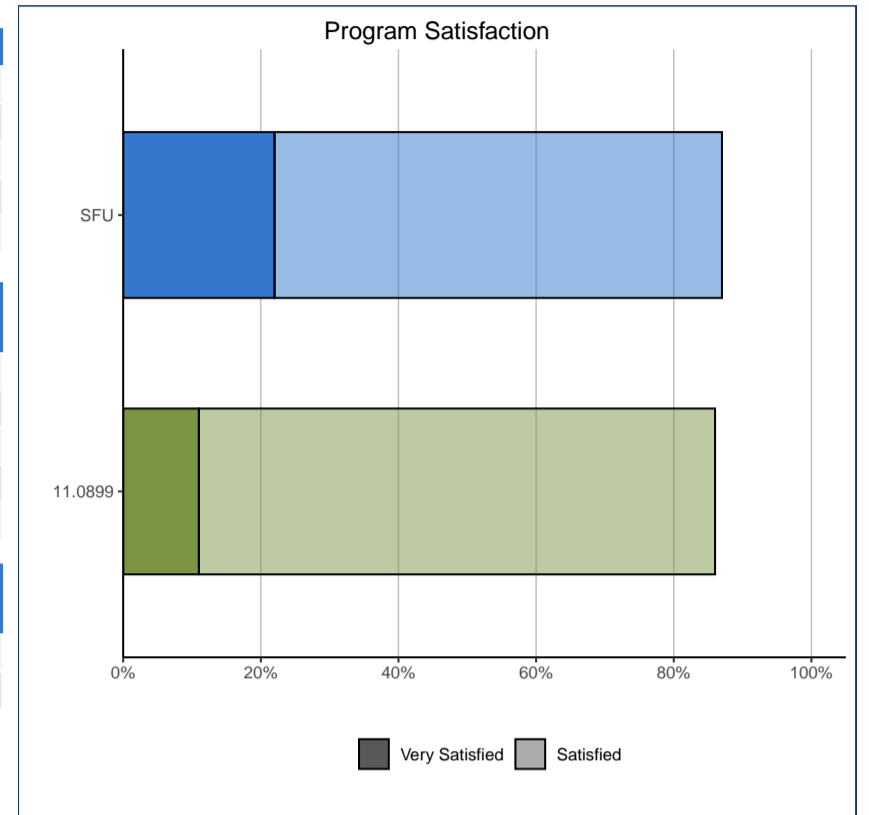
Would select the same program again:	11.0899		SFU	
Yes	31	67%	1,040	69%
No	15	33%	466	31%

Quality of Instruction:	11.0899		SFU	
Very Good	2	4%	383	22%
Good	46	81%	1,141	67%
Poor	7	12%	157	9%
Very Poor	2	4%	30	2%
Total	57	100%	1,711	100%
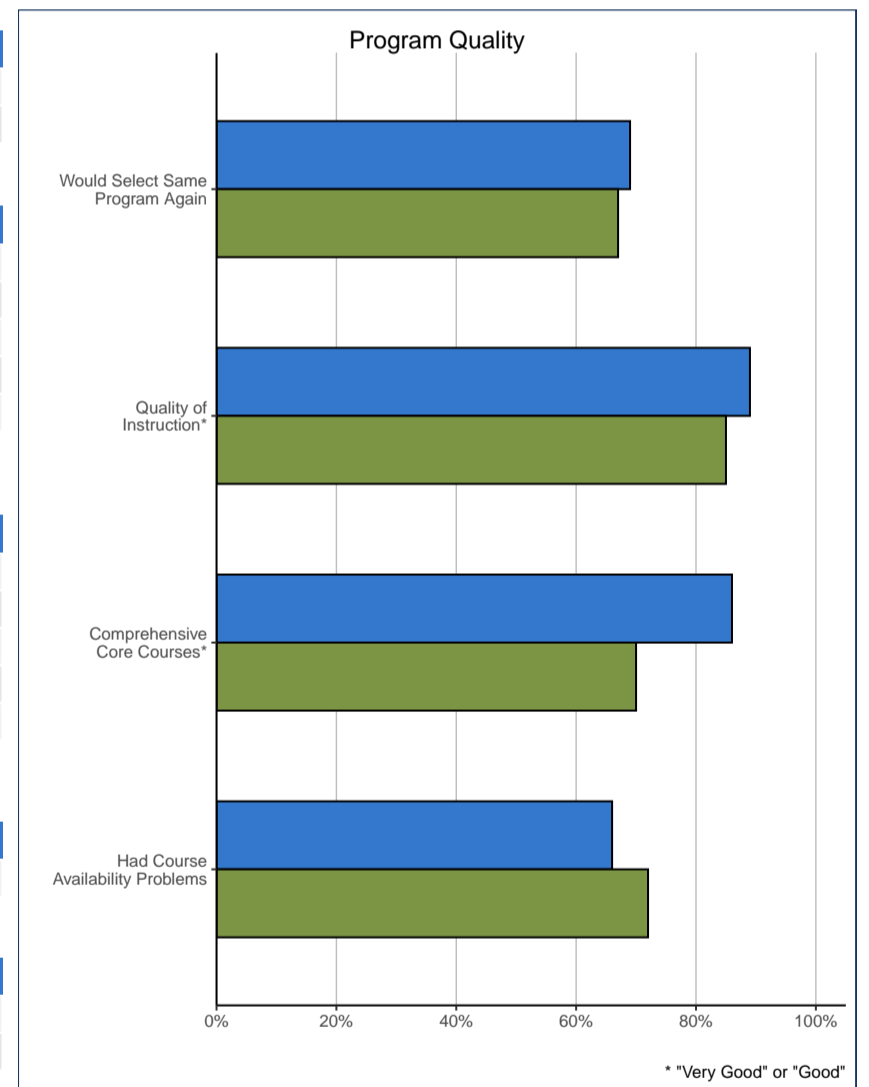
Comprehensiveness of Core Courses:	11.0899		SFU	
Very Good	6	11%	387	23%
Good	33	59%	1,062	63%
Poor	15	27%	191	11%
Very Poor	2	4%	37	2%
Total	56	100%	1,677	100%

Course Availability:	11.0899		SFU	
Encountered course availability problems	41	72%	1,122	66%

| Financial Constraints:	11.0899		SFU	
Had to interrupt studies for financial reasons	5	9%	203	12%
Had to take program part–time for financial reasons	15	27%	397	23%

Program Satisfaction

Legend: Very Satisfied, Satisfied

Program Quality

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

* "Very Good" or "Good"

BC Student Outcomes
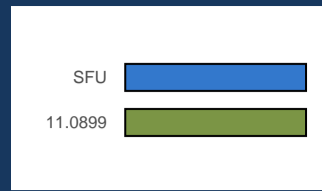
	SFU
11.0899	

SKILL DEVELOPMENT

Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
11.0899					
Written Communication	14%	65%	19%	2%	57
Oral Communication	26%	61%	9%	4%	57
Reading and Comprehension	11%	61%	28%	0%	57
Group Collaboration	44%	47%	9%	0%	57
Critical Anlysis	39%	53%	9%	0%	57
Problem Resolution	27%	55%	13%	5%	56
Use of Mathematics	4%	38%	47%	11%	47
Conducting Research	16%	60%	22%	2%	55
Learning on Your Own	42%	39%	9%	11%	57

Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
SFU					
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"
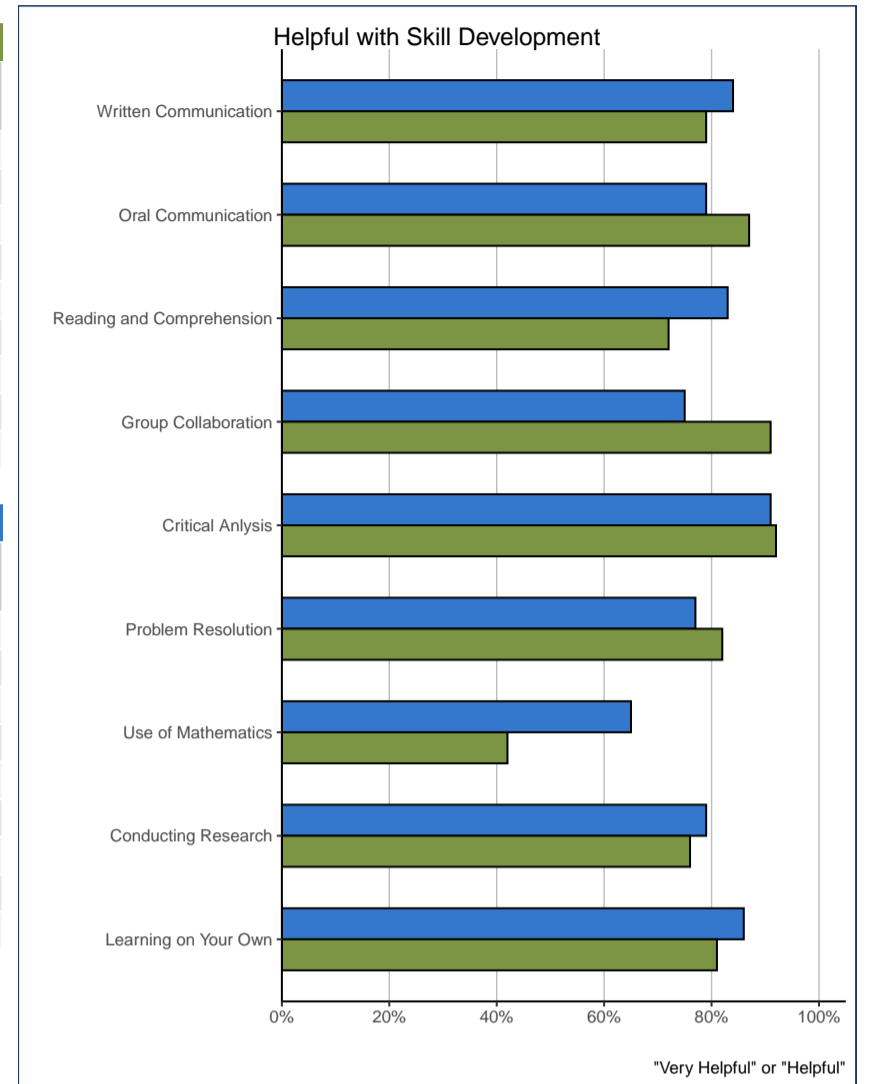
FURTHER EDUCATION

Took further education since 2021 graduation:	11.0899		SFU	
Yes	11	19%	697	41%
Not currently enrolled	8	14%	327	19%
Currently enrolled full–time	2	4%	258	15%
Currently enrolled part–time	1	2%	103	6%
No	46	81%	1,015	59%
Total	57	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
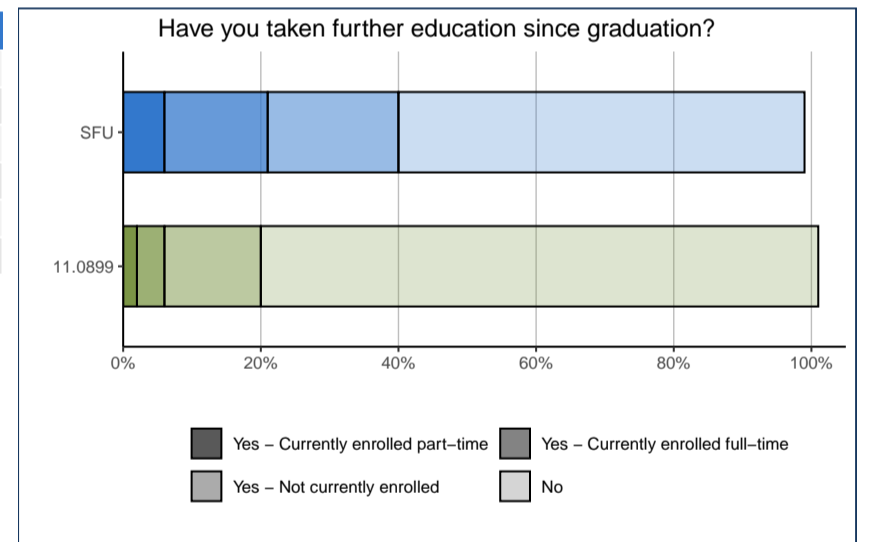
Type of Formal Post–Secondary Education:	11.0899		SFU	
Masters Degree	2	18%	185	27%
Doctoral Degree	0	0%	28	4%
Another Undergraduate Degree	0	0%	147	21%
Certificate or Diploma below Bachelor level	5	45%	129	19%
Professional Association Certification	1	9%	89	13%
Postgraduate Certificate or Diploma	2	18%	81	12%
Other	1	9%	31	4%
Total	11	100%	690	100%

Further Education/Training Type

BC Student Outcomes

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Simon Fraser University
11.0899: Computer software and media applications, other

SFU
11.0899
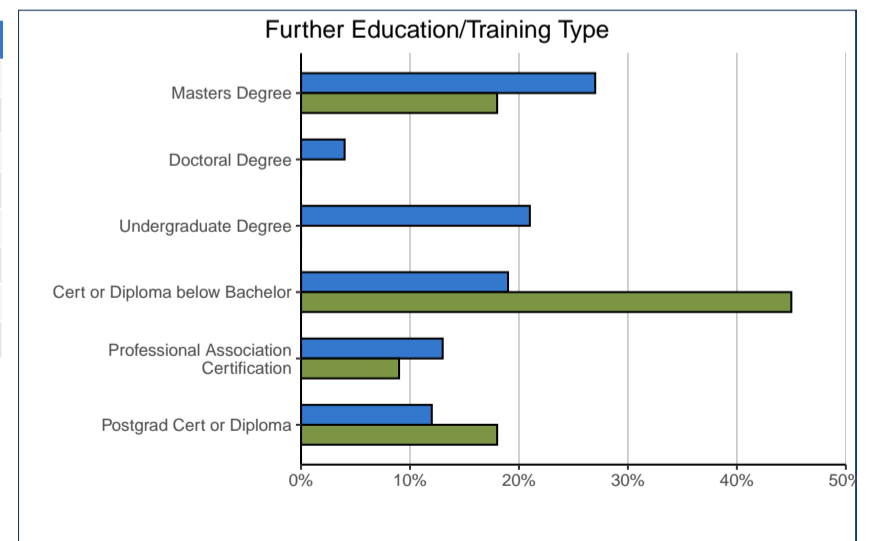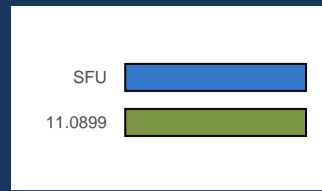
EMPLOYMENT

Labour Fource Status:	11.0899		SFU	
In Labour Force (working or seeking work)	53	95%	1,542	91%
Not in Labour Force	3	5%	150	9%
Total	56	100%	1,692	100%

Employment:	11.0899		SFU	
Employment Rate*	44	77%	1,418	82%
Unemployment Rate**	9	17.0%	124	8.0%

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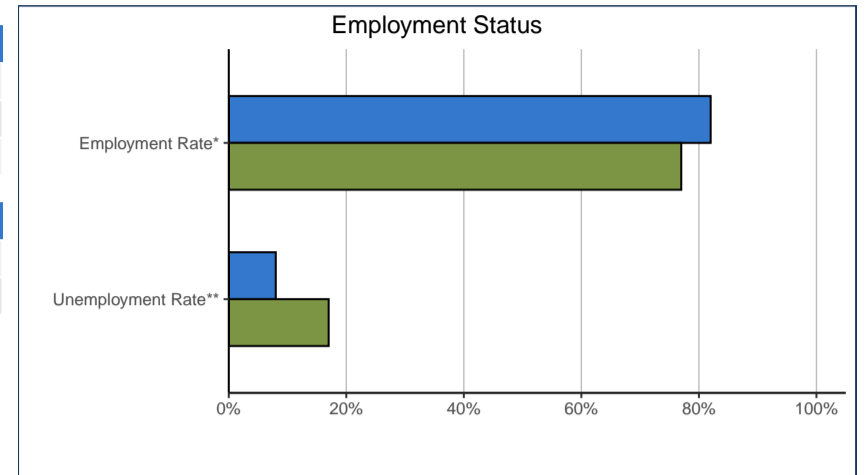
Employment Status

Status of Graduates NOT in Labour Force:	11.0899		SFU	
Attending School FT	0	0%	100	67%
Attending School PT	0	0%	2	1%
Other	3	100%	48	32%
Total NOT in Labour Force	3	100%	150	100%
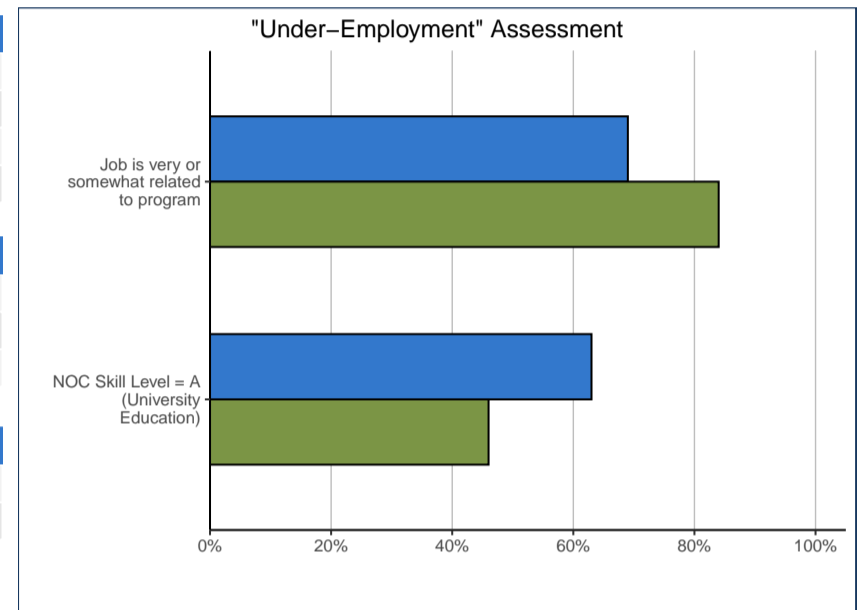
Primary Employment Type:	11.0899		SFU	
Paid worker	41	93%	1,335	95%
Self−employed	3	7%	73	5%
Total	44	100%	1,408	100%

Job Characteristics:	11.0899		SFU	
I hold more than one job*	7	16%	217	15%
My main job is full−time (>= 30 hours per week)**	38	90%	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?	11.0899		SFU	
Very Related	19	43%	509	36%
Somewhat Related	18	41%	471	33%
Not Very Related	3	7%	216	15%
Not at All Related	4	9%	219	15%
Total	44	100%	1,415	100%
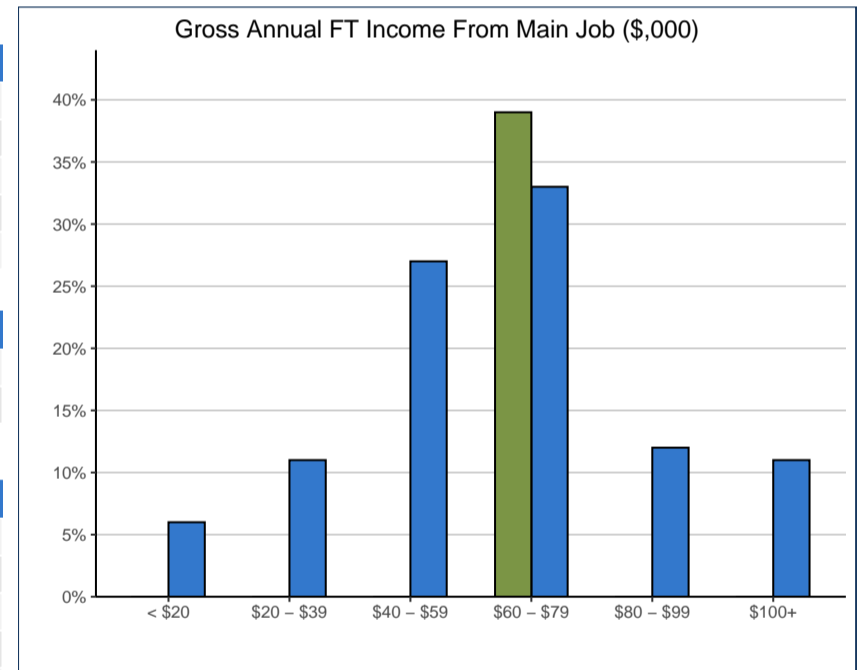
"Under−employment" Assessment:	11.0899		SFU	
Job is very or somewhat related to program	37	84%	980	69%
NOC Skill Level = A (University Education)*	19	46%	801	63%

*Of total valid responses

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

Gross Annual Income from Main Job:*	11.0899		SFU	
Less than $20,000	~	~	59	6%
$20,000 to $39,999	~	~	113	11%
$40,000 to $59,999	~	~	283	27%
$60,000 to $79,999	11	39%	345	33%
$80,000 to $99,999	~	~	122	12%
$100,000 and Above	~	~	110	11%
Total	28	100%	1,032	100%
Median Annual Income (full−time) ($)	70,500		65,000	
Average Annual Income (full−time) ($)	79,268		69,847	

*Where data provided

NOC Skill Type of Main Job:	11.0899		SFU	
Business, finance & administration	5	12%	342	27%
Natural & applied sciences & related	15	37%	314	25%
Health	0	0%	41	3%
Education, law and social, community & government	1	2%	389	31%
Art, culture, recreation & sport	18	44%	59	5%
Sales & service	2	5%	110	9%
Trades, transport & equipment operators & related	0	0%	13	1%
Natural resources, agriculture & related production	0	0%	2	0%
Manufacturing & utilities	0	0%	5	0%
Total	41	100%	1,275	100%

Employed Graduates by NOC Skill Type

	SFU
11.0899	
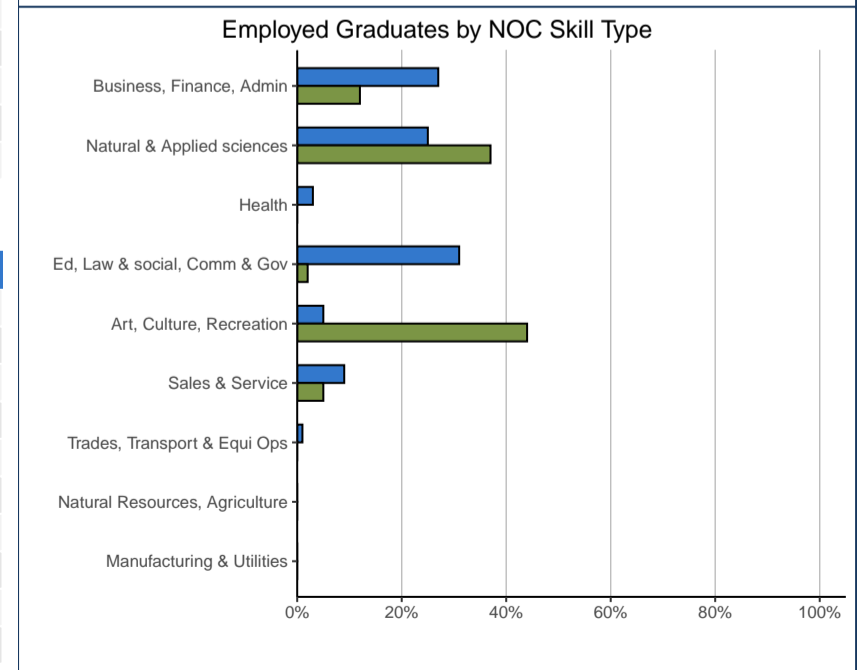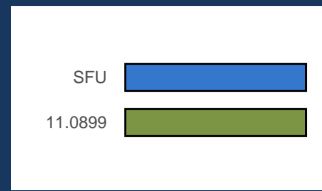
EMPLOYMENT, continued

NOC Skill Level of Main Job:	11.0899		SFU	
A. University education	19	46%	801	63%
B. College education/trade apprenticeship	20	49%	332	26%
C. Secondary school + job–specific training	2	5%	130	10%
D. No formal education	0	0%	16	1%
Total	41	100%	1,279	100%
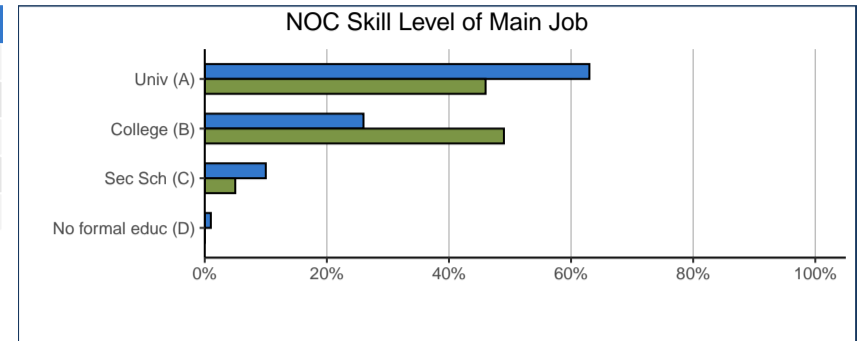
NOC Skill Level of Main Job

	11.0899				
How useful are the following skills and abilities in doing your main job?	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	43%	39%	9%	9%	44
Oral Communication	66%	25%	2%	7%	44
Reading and Comprehension	52%	32%	7%	9%	44
Group Collaboration	74%	26%	0%	0%	43
Critical Anlysis	61%	32%	5%	2%	44
Problem Resolution	66%	25%	5%	5%	44
Use of Mathematics	16%	34%	30%	20%	44
Conducting Research	41%	34%	16%	9%	44
Learning on Your Own	66%	32%	0%	2%	44
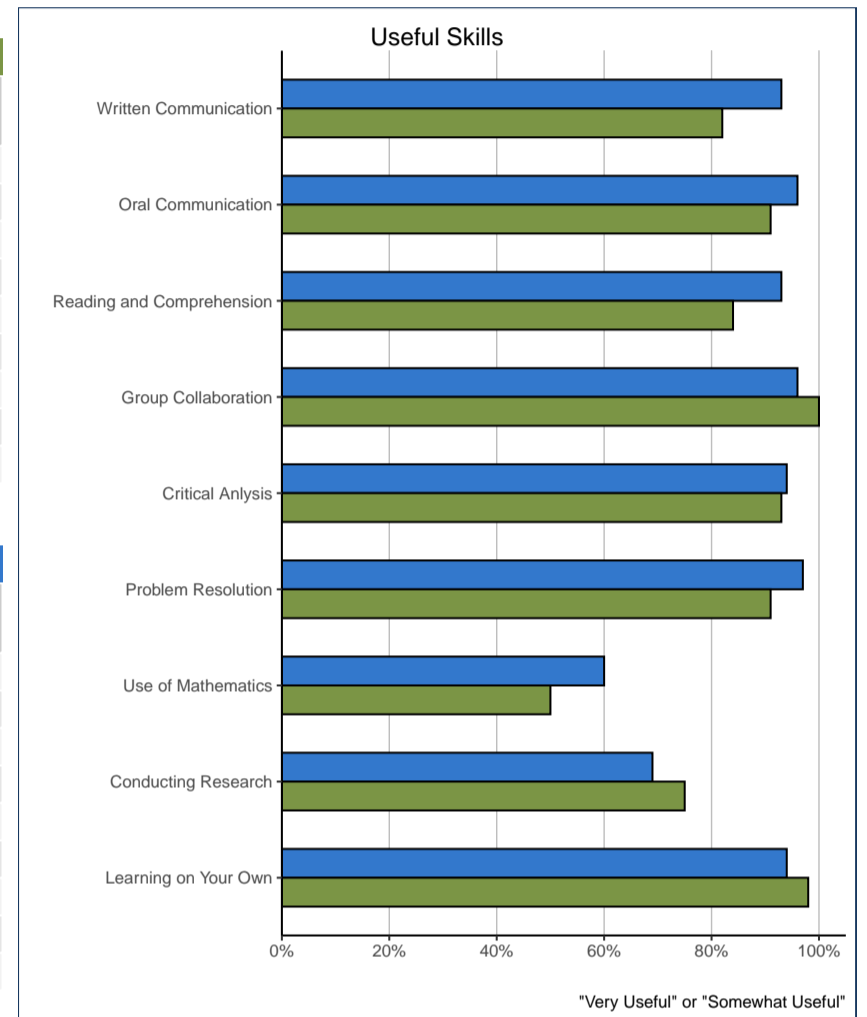
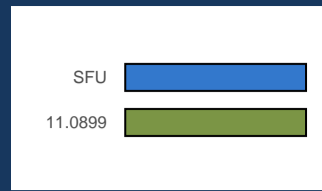|	SFU				
How useful are the following skills and abilities in doing your main job?	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	65%	28%	5%	3%	1,407
Oral Communication	73%	23%	3%	1%	1,404
Reading and Comprehension	66%	27%	4%	2%	1,407
Group Collaboration	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 11.0899 Graduates:			11.0899
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
5241	B	Graphic designers and illustrators	27%
2175	A	Web designers and developers	16%
2174	A	Computer programmers and interactive media developers	14%
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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

Detailed Summary of Survey Results
Simon Fraser University
11.0899: Computer software and media applications, other

SFU
11.0899

EDUCATION FINANCING

Funding Sources (3 sources allowed):*	11.0899		SFU	
Personal savings, investments	23	42%	481	29%
Employment while studying	21	38%	824	49%
Family/Friends	39	71%	1,104	66%
Personal bank loans	2	4%	59	4%
Government student loans	13	24%	457	27%
Scholarships/Bursaries/Grants	18	33%	498	30%
Other	17	31%	437	26%
Total	55		1,671	

* Percentage of respondents who identified this source

Education Funding Sources
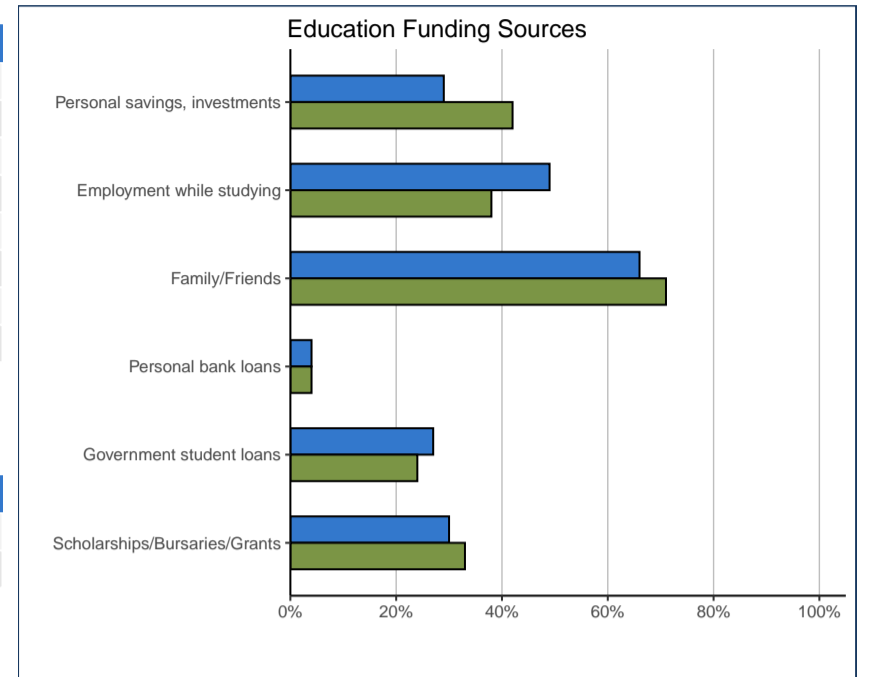
Financial Debt Incurred to Finance Bac. Ed.:*	11.0899		SFU	
Incurred any form of financial debt	18	33%	612	37%
Incurred government–sponsored student loan debt	16	29%	498	29%

* Percentage of respondents who provided data

Financial Debt Amount:*	11.0899		SFU	
< $1,000	0	0%	1	0%
$1,000 to $4,999	0	0%	13	3%
$5,000 to $9,999	0	0%	37	8%
$10,000 to $14,999	0	0%	54	12%
$15,000 to $19,999	1	8%	39	9%
$20,000 to $29,999	3	25%	80	18%
$30,000 to $39,999	1	8%	67	15%
$40,000 or More	7	58%	150	34%
Total	12	100%	441	100%
Median Financial Debt ($)	42,500		28,000	

* Includes only cases where financial debt was incurred

Financial Debt Incurred ($,000)
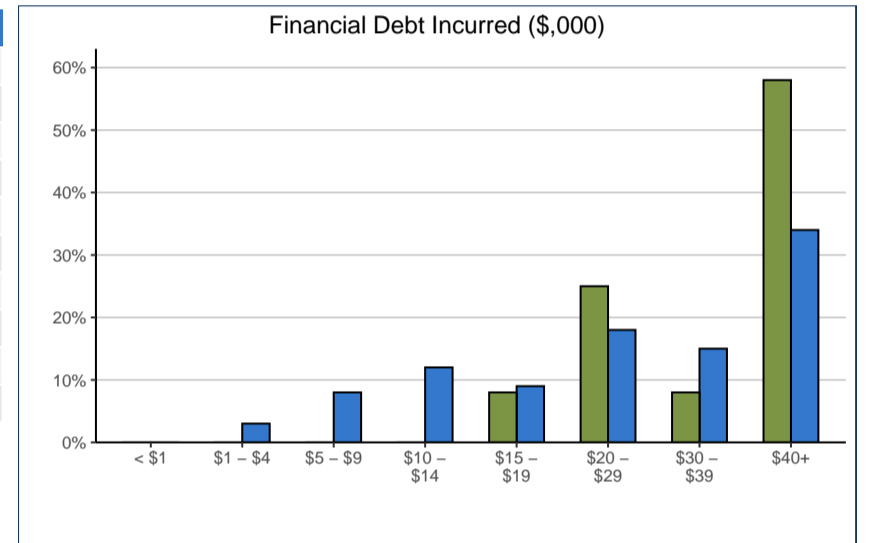
Gov't–Sponsored Student Loan Debt Amount:*	11.0899		SFU	
< $1,000	0	0%	2	1%
$1,000 to $4,999	0	0%	13	4%
$5,000 to $9,999	0	0%	37	12%
$10,000 to $14,999	0	0%	31	10%
$15,000 to $19,999	0	0%	29	9%
$20,000 to $29,999	2	20%	58	18%
$30,000 to $39,999	1	10%	53	17%
$40,000 or More	7	70%	92	29%
Total	10	100%	315	100%
Median Gov't–Sponsored Loan Debt ($)	41,500		26,000	

* Includes only cases where government–sponsored debt was incurred

Government–Sponsored Debt Incurred ($,000)
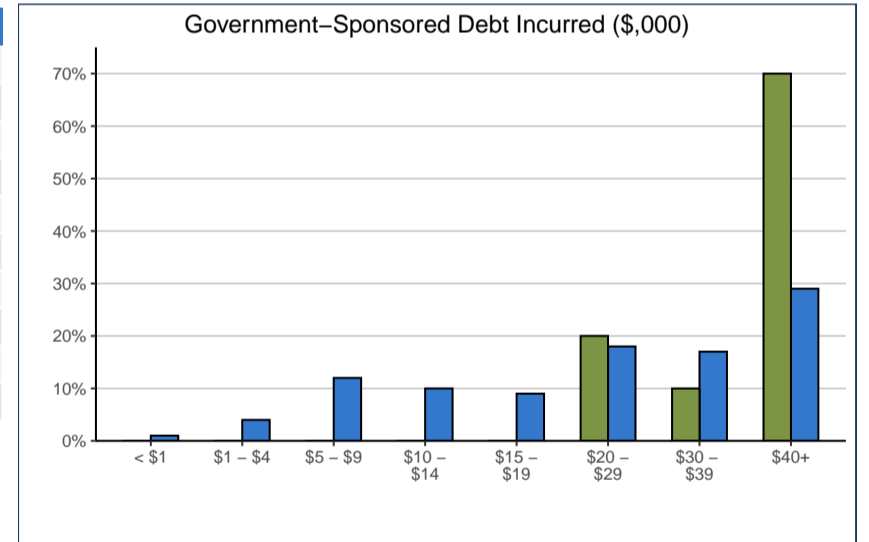
Gov't–Sponsored Loan Debt Outstanding:*	11.0899		SFU	
None – Loan repaid in full	3	27%	89	24%
< $1,000	0	0%	1	0%
$1,000 to $4,999	0	0%	21	6%
$5,000 to $9,999	0	0%	37	10%
$10,000 to $14,999	1	9%	36	10%
$15,000 to $19,999	1	9%	27	7%
$20,000 to $29,999	2	18%	66	18%
$30,000 to $39,999	3	27%	49	13%
$40,000 or More	1	9%	50	13%
Total	11	100%	376	100%
Median Gov't–Sponsored Loan Debt Outstanding** ($)	28,000		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

Outstanding Government–Sponsored Debt ($,000)