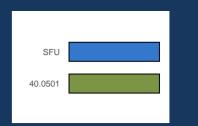


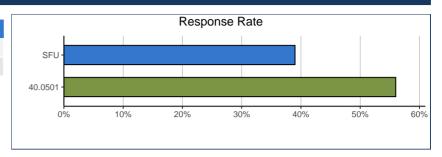
B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

Detailed Summary of Survey Results
Simon Fraser University
40.0501: Chemistry, general



RESPONSE RATE

Survey Response Rate:	40.0501		SFU	
Baccalaureate Graduates Survey Cohort	34	100%	5,252	100%
Survey Respondents and Response Rate	19	56%	2,037	39%

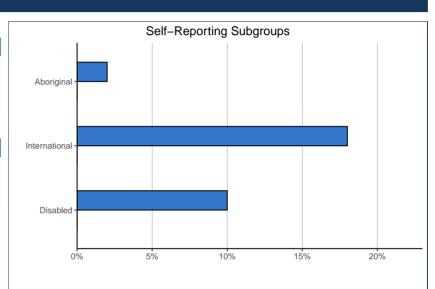


DEMOGRAPHIC INFORMATION

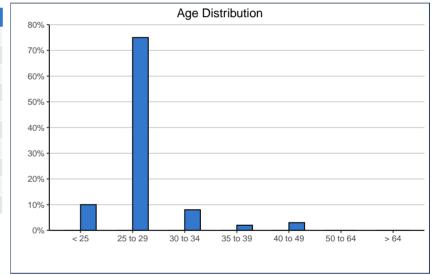
Self-Reporting Subgroups:	40.0501		SFU	
Disabled	~	~	202	10%
International	~	~	376	18%
Aboriginal	0	0%	40	2%

Gender:*	40.0501		SFU	
Male	14	74%	882	43%
Female	5	26%	1,155	57%
Total	19	100%	2,037	100%

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



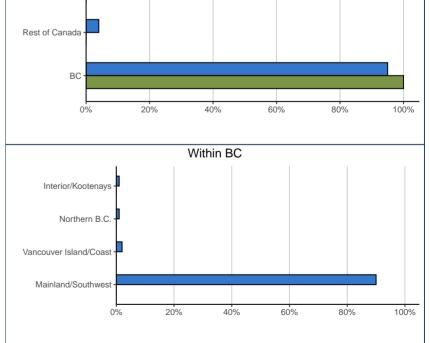
Age (at time of survey):	40.0501		SFU	
< 25	~	~	209	10%
25 to 29	~	~	1,527	75%
30 to 34	~	~	171	8%
35 to 39	0	0%	49	2%
40 to 49	0	0%	60	3%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	19	100%	2,037	100%
Median Age	26		26	
Average (mean) Age	27		27	



Place of Residence

USA

Place of Residence (at time of survey):	40.0501		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	18	100%	1,747	95%
Canada – Alberta	0	0%	21	1%
Canada – Ontario	0	0%	40	2%
Canada – Other	0	0%	15	1%
U.S.A.	0	0%	14	1%
Non-BC Subtotal	0	0%	90	5%
Total	18	100%	1,837	100%





EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	40.0501		SFU	
Very Satisfied	4	24%	405	20%
Satisfied	10	59%	1,336	67%
Dissatisfied	3	18%	199	10%
Very Dissatisfied	0	0%	44	2%
Total	17	100%	1,984	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	40.0501		SFU	
Very Useful	1	8%	534	31%
Somewhat Useful	9	69%	867	51%
Not Very Useful	2	15%	225	13%
Not at All Useful	1	8%	72	4%
Total	13	100%	1,698	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	40.0	40.0501		SFU	
Yes	2	11%	163	8%	
No	16	89%	1.823	92%	



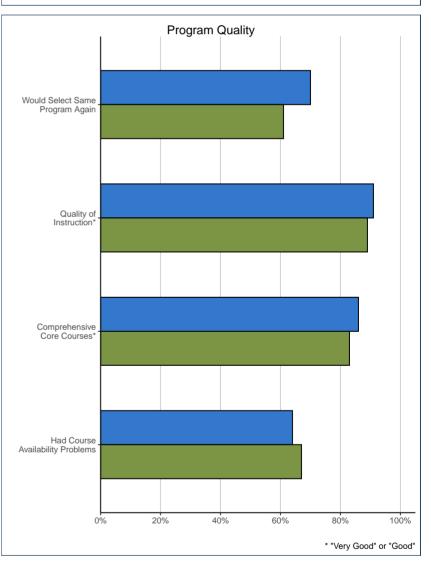
Would select the same program again:	40.0501		SFU	
Yes	11	61%	1,232	70%
No	7	39%	531	30%

Quality of Instruction:	40.0501		SFU	
Very Good	3	18%	440	22%
Good	12	71%	1,384	69%
Poor	2	12%	161	8%
Very Poor	0	0%	23	1%
Total	17	100%	2.008	100%

Comprehensiveness of Core Courses:	40.0) 501	S	FU
Very Good	9	50%	459	23%
Good	6	33%	1,245	63%
Poor	2	11%	233	12%
Very Poor	1	6%	38	2%
Total	18	100%	1,975	100%

Course Availability:	40.0501		SFU	
Encountered course availability problems	12	67%	1,279	64%

Financial Constraints:	40.0501		SI	=U
Had to interrupt studies for financial reasons	2	11%	246	12%
Had to take program part-time for financial reasons	4	21%	410	20%

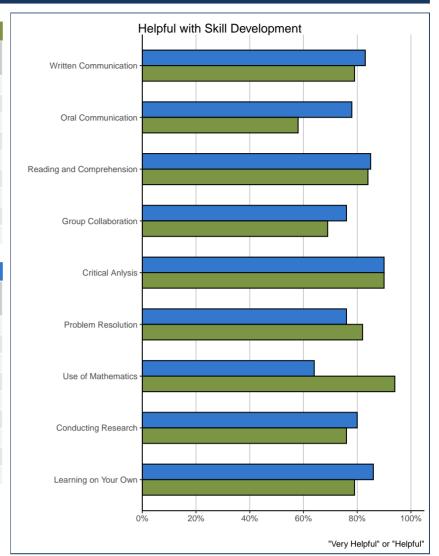




SKILL DEVELOPMENT

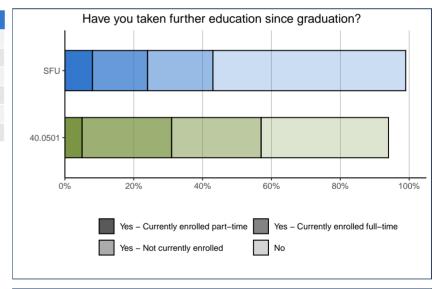
			40.0501		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	16%	63%	16%	5%	19
Oral Communication	16%	42%	37%	5%	19
Reading and Comprehension	21%	63%	11%	5%	19
Group Collaboration	32%	37%	32%	0%	19
Critical Anlysis	53%	37%	11%	0%	19
Problem Resolution	35%	47%	18%	0%	17
Use of Mathematics	47%	47%	5%	0%	19
Conducting Research	29%	47%	24%	0%	17
Learning on Your Own	21%	58%	16%	5%	19

			SFU		
Skill Development: How helpful was institution?	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

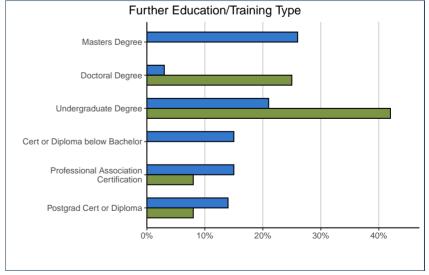


FURTHER EDUCATION

Took further education since 2020 graduation:	40.0501		SFU	
Yes	12	63%	893	44%
Not currently enrolled	5	26%	395	19%
Currently enrolled full-time	5	26%	329	16%
Currently enrolled part-time	1	5%	158	8%
No	7	37%	1,133	56%
Total	19	100%	2,026	100%



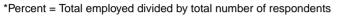
Type of Formal Post–Secondary Education:	40.	40.0501		FU
Masters Degree	0	0%	229	26%
Doctoral Degree	3	25%	29	3%
Another Undergraduate Degree	5	42%	188	21%
Certificate or Diploma below Bachelor level	0	0%	136	15%
Professional Association Certification	1	8%	133	15%
Postgraduate Certificate or Diploma	1	8%	119	14%
Other	2	17%	44	5%
Total	12	100%	878	100%



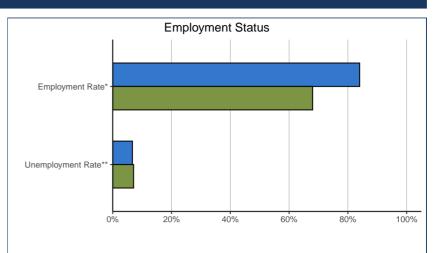


EMPLOYMENT

Labour Fource Status:	40	40.0501		⁼U
In Labour Force (working or seeking work)	14	78%	1,830	92%
Not in Labour Force	4	22%	168	8%
Total	18	100%	1,998	100%
Employment:	40	.0501	0501 SFU	
Employment Rate*	13	68%	1,708	84%
Unemployment Rate**	1	7.1%	122	6.7%



^{**}Percent = Total unemployed divided by total number in Labour Force

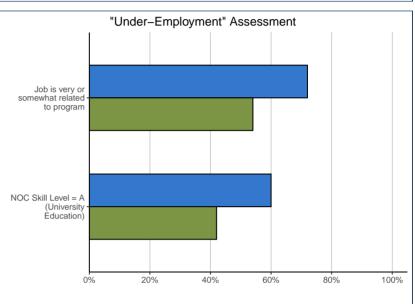


Status of Graduates NOT in Labour Force:	40.0501		SI	=U
Attending School FT	4	100%	103	61%
Attending School PT	0	0%	8	5%
Other	0	0%	57	34%
Total NOT in Labour Force	4	100%	168	100%

Primary Employment Type:	40.0501		SI	=U
Paid worker	13	100%	1,608	94%
Self-employed	0	0%	96	6%
Total	13	100%	1,704	100%

Job Characteristics:	40.0501		S	FU
I hold more than one job*	3	23%	301	18%
My main job is full-time (>= 30 hours per week)**	12	92%	1,432	89%

^{*}Of total Employed



How related is your main job to your program?	40.0501		SFU	
Very Related	5	38%	624	37%
Somewhat Related	2	15%	605	35%
Not Very Related	4	31%	245	14%
Not at All Related	2	15%	231	14%
Total	13	100%	1,705	100%

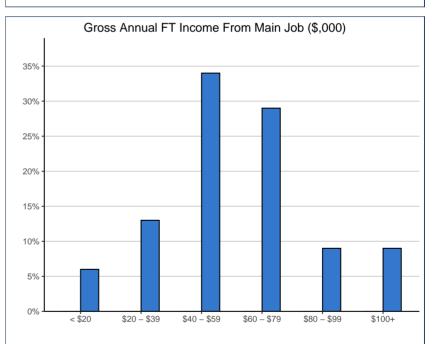
"Under-employment" Assessment:	40.0501		SFU	
Job is very or somewhat related to program	7	54%	1,229	72%
NOC Skill Level = A (University Education)*	5	42%	945	60%

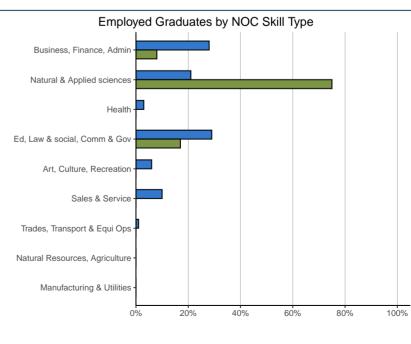
^{*}Of total valid responses

Gross Annual Income from Main Job:*	40.	40.0501		=U
Less than \$20,000	0	0%	68	6%
\$20,000 to \$39,999	~	~	161	13%
\$40,000 to \$59,999	~	~	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	11	100%	1,208	100%
Median Annual Income (full-time) (\$)	46,764		60,000	
Average Annual Income (full-time) (\$)	47,051		66,030	
MAN				

^{*}Where data provided

NOC Skill Type of Main Job:	40.0501		SFU	
Business, finance & administration	1	8%	446	28%
Natural & applied sciences & related	9	75%	331	21%
Health		0%	52	3%
Education, law and social, community & government	2	17%	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	12	100%	1,570	100%





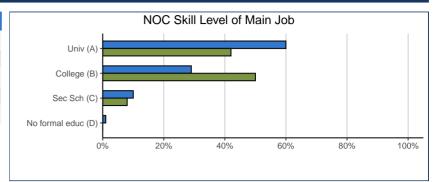
^{**}Of those who provided data on hours/week worked





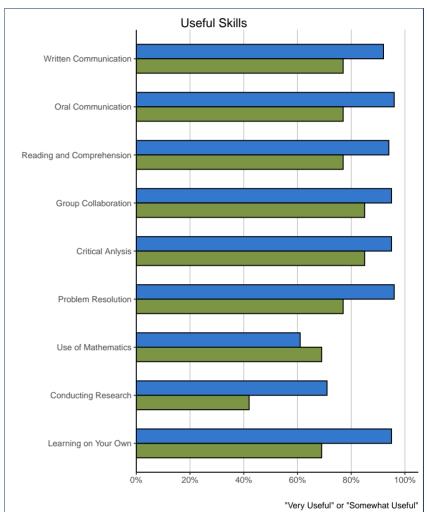
EMPLOYMENT, continued

NOC Skill Level of Main Job:	40.0501		SFU	
A. University education		42%	945	60%
B. College education/trade apprenticeship	6	50%	452	29%
C. Secondary school + job-specific training	1	8%	159	10%
D. No formal education	0	0%	18	1%
Total	12	100%	1,574	100%



	40.0501				
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	46%	31%	23%	0%	13
Oral Communication	46%	31%	15%	8%	13
Reading and Comprehension	23%	54%	23%	0%	13
Group Collaboration	62%	23%	15%	0%	13
Critical Anlysis	54%	31%	15%	0%	13
Problem Resolution	69%	8%	23%	0%	13
Use of Mathematics	15%	54%	23%	8%	13
Conducting Research	17%	25%	17%	42%	12
Learning on Your Own	31%	38%	15%	15%	13

	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	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 Occupations of 40.0501 Graduates:		40.0501	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
*			
*			
*			
*			
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*			
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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	А	Software engineers and designers	5%
XXXX	0	Unclassified occupations	5%
1123	Α	Professional occupations in advertising, marketing and public relations	4%
4031	Α	Secondary school teachers	4%
2174	A	Computer programmers and interactive media developers	3%
1111	Α	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%

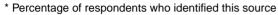
^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	40.0501		SFU	
Personal savings, investments		28%	556	28%
Employment while studying	8	44%	982	50%
Family/Friends	15	83%	1,299	66%
Personal bank loans	0	0%	78	4%
Government student loans	6	33%	509	26%
Scholarships/Bursaries/Grants	3	17%	562	29%
Other	6	33%	448	23%
Total	18		1,968	



Financial Debt Incurred to Finance Bac. Ed.:*	40.0501		SFU	
Incurred any form of financial debt	6	32%	690	35%
Incurred government-sponsored student loan debt	6	32%	564	28%

^{*} Percentage of respondents who provided data



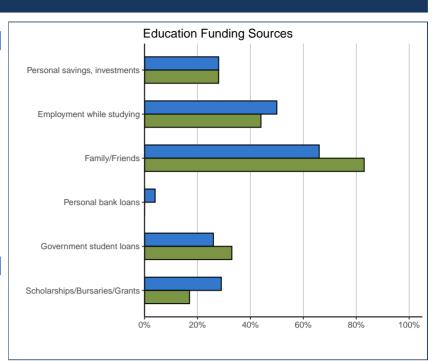
^{*} Includes only cases where financial debt was incurred

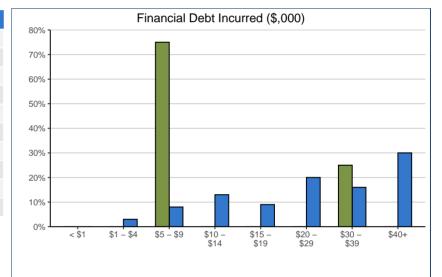


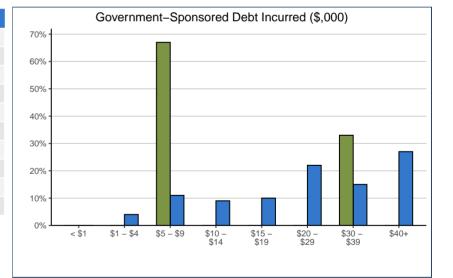
^{*} Includes only cases where government-sponsored debt was incurred

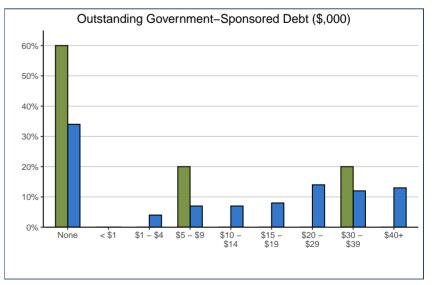


 $^{^{\}star}$ Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









^{**} Median amounts shown are based on those who had remaining government student loan debt