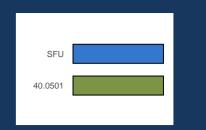


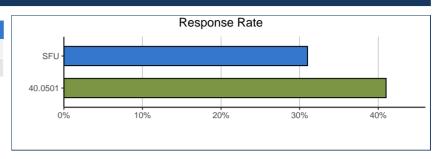
B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

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



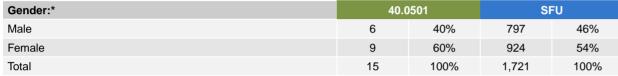
RESPONSE RATE

Survey Response Rate:	40.0501		SFU	
Baccalaureate Graduates Survey Cohort	37	100%	5,547	100%
Survey Respondents and Response Rate	15	41%	1,725	31%

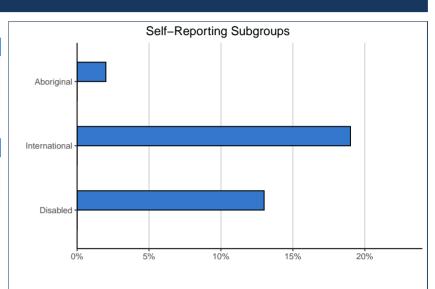


DEMOGRAPHIC INFORMATION

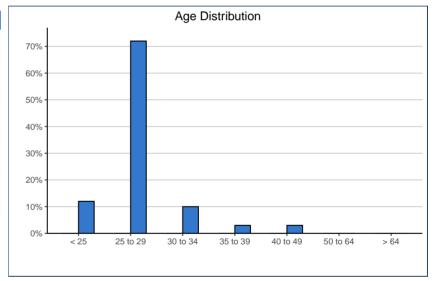
Self-Reporting Subgroups:	40.0501		SFU	
Disabled	0	0%	205	13%
International	~	~	333	19%
Aboriginal	~	~	31	2%



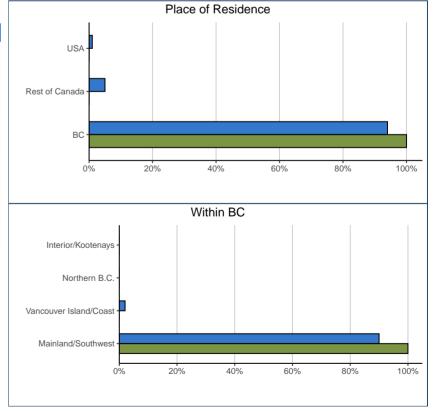
^{*}Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.



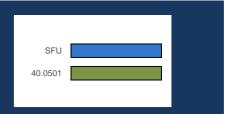
Age (at time of survey):	40.0501		SFU	
< 25	~	~	200	12%
25 to 29	~	~	1,238	72%
30 to 34	~	~	165	10%
35 to 39	0	0%	54	3%
40 to 49	0	0%	53	3%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	15	100%	1,725	100%
Median Age	26		26	
Average (mean) Age	27		28	



Place of Residence (at time of survey):	40.	40.0501		SFU	
BC - Mainland/Southwest	15	100%	1,390	90%	
BC – Vancouver Island/Coast	0	0%	32	2%	
BC – Northern B.C.	0	0%	~	~	
BC – Interior/Kootenays	0	0%	~	~	
BC Subtotal	15	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	15	100%	1,536	100%	





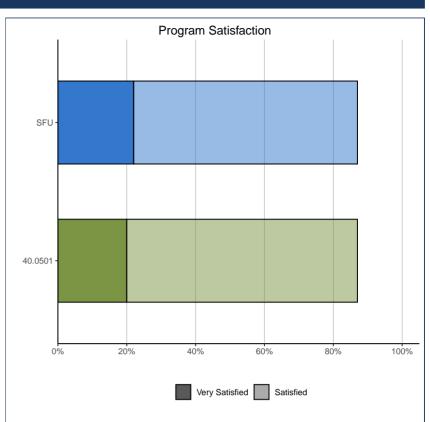


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	40.0501		SFU	
Very Satisfied	3	20%	366	22%
Satisfied	10	67%	1,108	65%
Dissatisfied	1	7%	177	10%
Very Dissatisfied	1	7%	42	2%
Total	15	100%	1,693	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	40.0501		SFU	
Very Useful	6	46%	402	29%
Somewhat Useful	7	54%	749	53%
Not Very Useful	0	0%	182	13%
Not at All Useful	0	0%	70	5%
Total	13	100%	1,403	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	40.	40.0501		SFU	
Yes	1	8%	157	9%	
No	12	92%	1,507	91%	



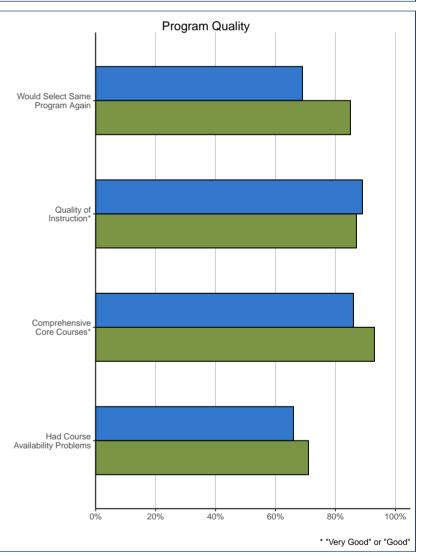
Would select the same program again:	40.0501		SFU	
Yes	11	85%	1,040	69%
No	2	15%	466	31%

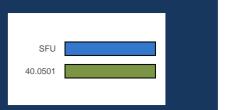
Quality of Instruction:	40.0501		SFU	
Very Good	4	27%	383	22%
Good	9	60%	1,141	67%
Poor	2	13%	157	9%
Very Poor	0	0%	30	2%
Total	15	100%	1.711	100%

Comprehensiveness of Core Courses:	40.0	40.0501		FU
Very Good	5	33%	387	23%
Good	9	60%	1,062	63%
Poor	0	0%	191	11%
Very Poor	1	7%	37	2%
Total	15	100%	1.677	100%

Course Availability:	40.0	0501	SI	= U
Encountered course availability problems	10	71%	1,122	66%

Financial Constraints:	40.0501		SFU	
Had to interrupt studies for financial reasons	1	7%	203	12%
Had to take program part-time for financial reasons	3	20%	397	23%

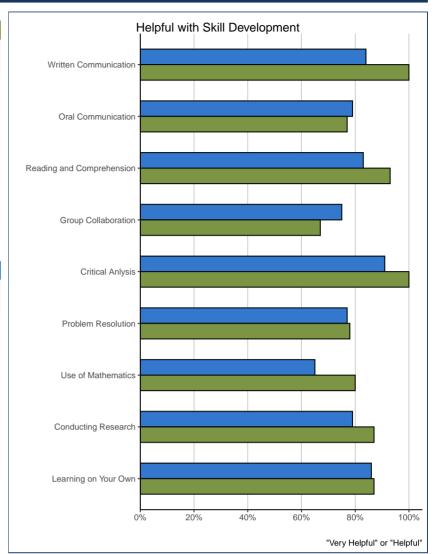




SKILL DEVELOPMENT

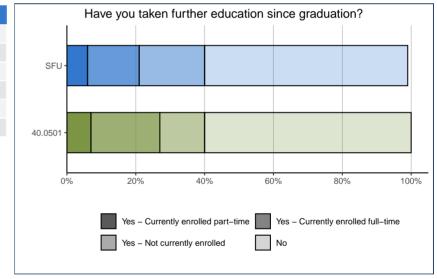
			40.0501		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	43%	57%	0%	0%	14
Oral Communication	8%	69%	15%	8%	13
Reading and Comprehension	13%	80%	7%	0%	15
Group Collaboration	20%	47%	27%	7%	15
Critical Anlysis	60%	40%	0%	0%	15
Problem Resolution	21%	57%	21%	0%	14
Use of Mathematics	33%	47%	20%	0%	15
Conducting Research	40%	47%	7%	7%	15
Learning on Your Own	27%	60%	7%	7%	15

			SFU		
Skill Development: How helpful was institution?	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

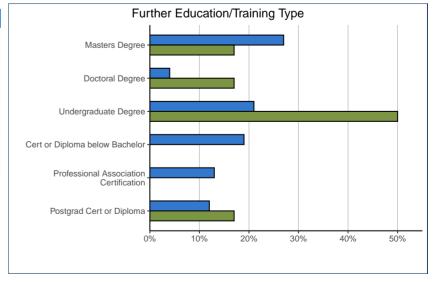


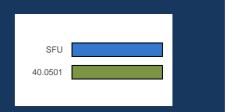
FURTHER EDUCATION

Took further education since 2021 graduation:	40.0501		SFU	
Yes	6	40%	697	41%
Not currently enrolled	2	13%	327	19%
Currently enrolled full-time	3	20%	258	15%
Currently enrolled part-time	1	7%	103	6%
No	9	60%	1,015	59%
Total	15	100%	1,712	100%



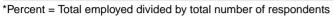
Type of Formal Post–Secondary Education:	40	40.0501		SFU	
Masters Degree	1	17%	185	27%	
Doctoral Degree	1	17%	28	4%	
Another Undergraduate Degree	3	50%	147	21%	
Certificate or Diploma below Bachelor level	0	0%	129	19%	
Professional Association Certification	0	0%	89	13%	
Postgraduate Certificate or Diploma	1	17%	81	12%	
Other	0	0%	31	4%	
Total	6	100%	690	100%	



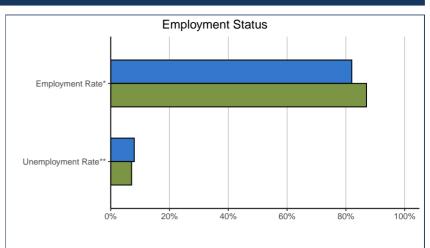


EMPLOYMENT

Labour Fource Status:	40	40.0501		FU
In Labour Force (working or seeking work)	14	93%	1,542	91%
Not in Labour Force	1	7%	150	9%
Total	15	100%	1,692	100%
Employment:	40	0501	SFU	
Employment Rate*	13	87%	1,418	82%
Unemployment Rate**	1	7.1%	124	8.0%



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

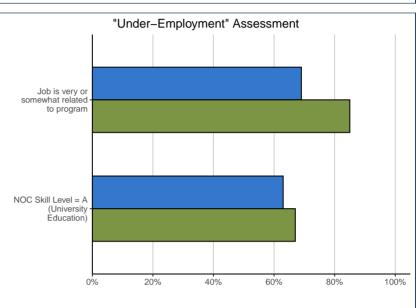


Status of Graduates NOT in Labour Force:	40.0501		SFU	
Attending School FT	1	100%	100	67%
Attending School PT	0	0%	2	1%
Other	0	0%	48	32%
Total NOT in Labour Force	1	100%	150	100%

Primary Employment Type:	40.0501		SFU	
Paid worker	13	100%	1,335	95%
Self-employed	0	0%	73	5%
Total	13	100%	1,408	100%

Job Characteristics:	40.0501		SFU	
I hold more than one job*	1	8%	217	15%
My main job is full-time (>= 30 hours per week)**	13	100%	1,195	90%

^{*}Of total Employed



How related is your main job to your program?	40.0501		SFU	
Very Related	4	31%	509	36%
Somewhat Related	7	54%	471	33%
Not Very Related	1	8%	216	15%
Not at All Related	1	8%	219	15%
Total	13	100%	1,415	100%

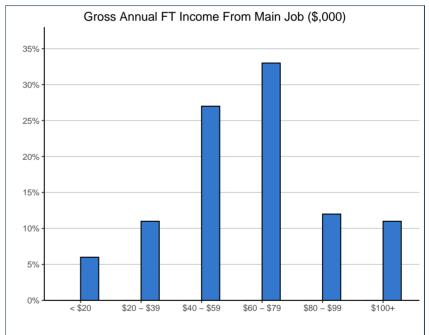
"Under-employment" Assessment:	40.0501		SFU	
Job is very or somewhat related to program	11	85%	980	69%
NOC Skill Level = A (University Education)*	8	67%	801	63%

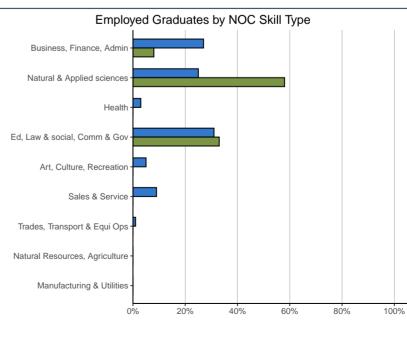
^{*}Of total valid responses

Gross Annual Income from Main Job:*	40.0501		SFU	
Less than \$20,000	0	0%	59	6%
\$20,000 to \$39,999	~	~	113	11%
\$40,000 to \$59,999	~	~	283	27%
\$60,000 to \$79,999	~	~	345	33%
\$80,000 to \$99,999	~	~	122	12%
\$100,000 and Above	0	0%	110	11%
Total	11	100%	1,032	100%
Median Annual Income (full-time) (\$)	53,727		65,000	
Average Annual Income (full-time) (\$)	54,906		69,847	

^{*}Where data provided

NOC Skill Type of Main Job:	40.0501		SFU	
Business, finance & administration	1	8%	342	27%
Natural & applied sciences & related	7	58%	314	25%
Health	0	0%	41	3%
Education, law and social, community & government	4	33%	389	31%
Art, culture, recreation & sport	0	0%	59	5%
Sales & service	0	0%	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	12	100%	1,275	100%





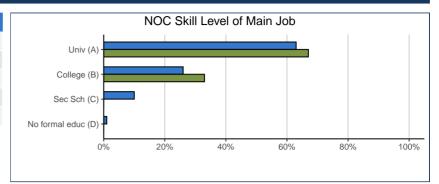
^{**}Of those who provided data on hours/week worked



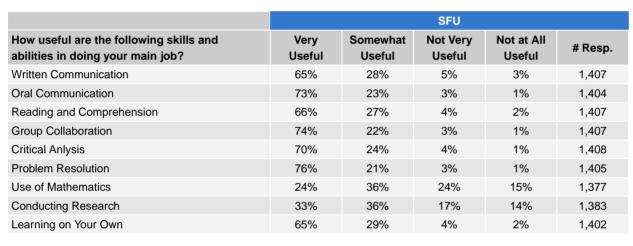


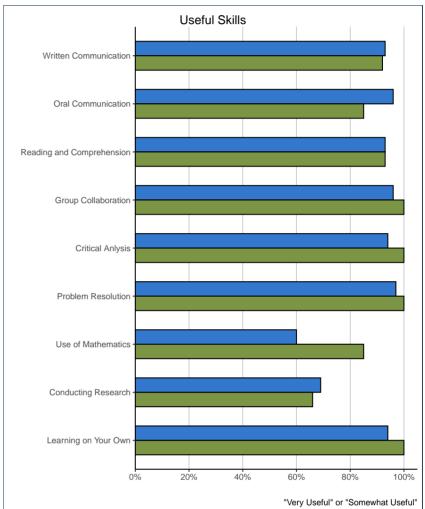
EMPLOYMENT, continued

NOC Skill Level of Main Job:	40.0501		SFU	
A. University education	8	67%	801	63%
B. College education/trade apprenticeship	4	33%	332	26%
C. Secondary school + job-specific training	0	0%	130	10%
D. No formal education	0	0%	16	1%
Total	12	100%	1,279	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	54%	38%	0%	8%	13
Oral Communication	54%	31%	15%	0%	13
Reading and Comprehension	85%	8%	8%	0%	13
Group Collaboration	54%	46%	0%	0%	13
Critical Anlysis	85%	15%	0%	0%	13
Problem Resolution	77%	23%	0%	0%	13
Use of Mathematics	54%	31%	15%	0%	13
Conducting Research	33%	33%	8%	25%	12
Learning on Your Own	62%	38%	0%	0%	13





Top 10 Full-time	Occupations of 40.0501 G	raduates:	40.0501
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
*			
*			
*			
*			
*			
*			
*			
*			
*			
*			

 $^{^{\}star}$ 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	0	Unclassified occupations	7%
4032	Α	Elementary school and kindergarten teachers	5%
2173	Α	Software engineers and designers	5%
2174	Α	Computer programmers and interactive media developers	4%
4031	A	Secondary school teachers	4%
1123	Α	Professional occupations in advertising, marketing and public relations	3%
4212	В	Social and community service workers	3%
1111	Α	Financial auditors and accountants	2%
2171	Α	Information systems analysts and consultants	2%
1221	В	Administrative officers	2%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	40.	40.0501		SFU	
Personal savings, investments		13%	481	29%	
Employment while studying	12	80%	824	49%	
Family/Friends	7	47%	1,104	66%	
Personal bank loans	0	0%	59	4%	
Government student loans	6	40%	457	27%	
Scholarships/Bursaries/Grants	7	47%	498	30%	
Other	3	20%	437	26%	
Total	15		1,671		

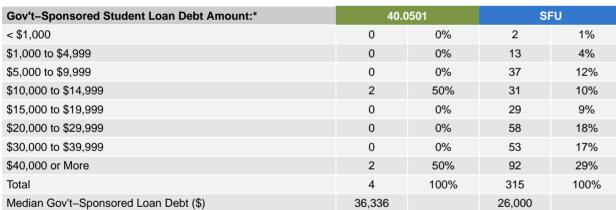
^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	40.0501		SFU	
Incurred any form of financial debt	7	47%	612	37%
Incurred government-sponsored student loan debt	7	47%	498	29%

^{*} Percentage of respondents who provided data



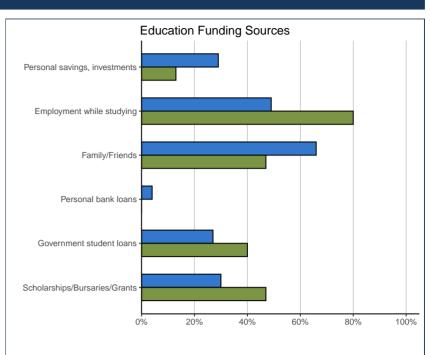
^{*} Includes only cases where financial debt was incurred

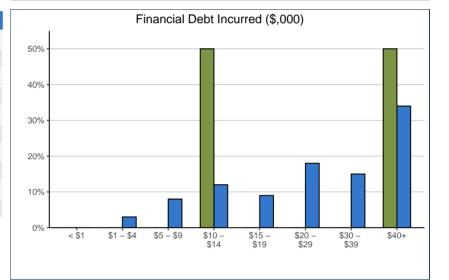


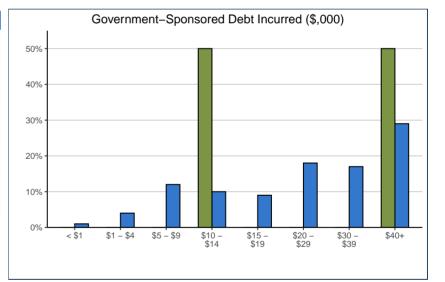
^{*} Includes only cases where government-sponsored debt was incurred

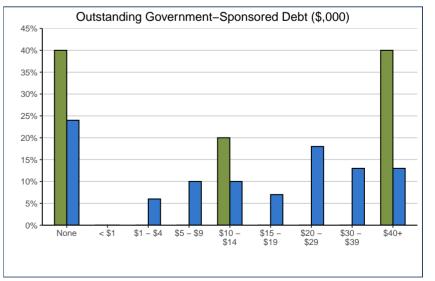


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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