

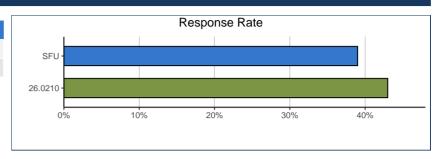
B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

26.0210

Detailed Summary of Survey Results
Simon Fraser University
26.0210: Biochemistry and molecular biology

RESPONSE RATE

Survey Response Rate:	26.0210		SFU	
Baccalaureate Graduates Survey Cohort	103	100%	5,252	100%
Survey Respondents and Response Rate	44	43%	2,037	39%

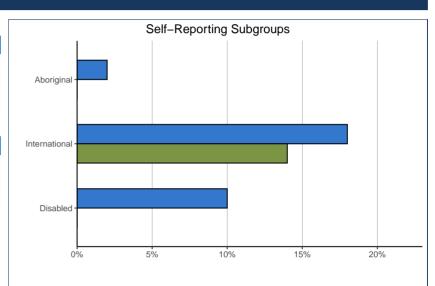


DEMOGRAPHIC INFORMATION

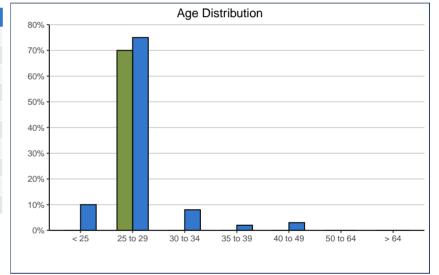
Self-Reporting Subgroups:	26.0210		SFU	
Disabled	~	~	202	10%
International	6	14%	376	18%
Aboriginal	~	~	40	2%

Gender:*	26.0210		SFU	
Male	21	48%	882	43%
Female	23	52%	1,155	57%
Total	44	100%	2,037	100%

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

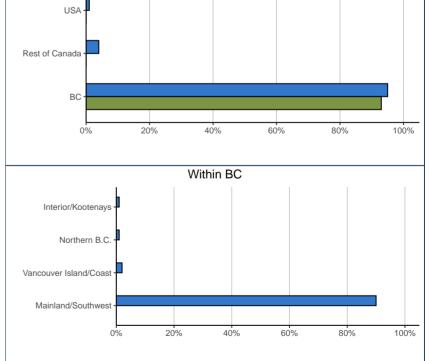


Age (at time of survey):	26.0210		SFU	
< 25	~	~	209	10%
25 to 29	31	70%	1,527	75%
30 to 34	~	~	171	8%
35 to 39	~	~	49	2%
40 to 49	0	0%	60	3%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	44	100%	2,037	100%
Median Age	26		26	
Average (mean) Age	26		27	

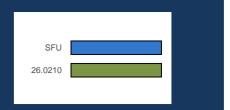


Place of Residence

Place of Residence (at time of survey):	26.0210		SFU	
BC - Mainland/Southwest	~	~	1,659	90%
BC – Vancouver Island/Coast	0	0%	42	2%
BC – Northern B.C.	~	~	22	1%
BC – Interior/Kootenays	~	~	24	1%
BC Subtotal	38	93%	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	41	100%	1,837	100%





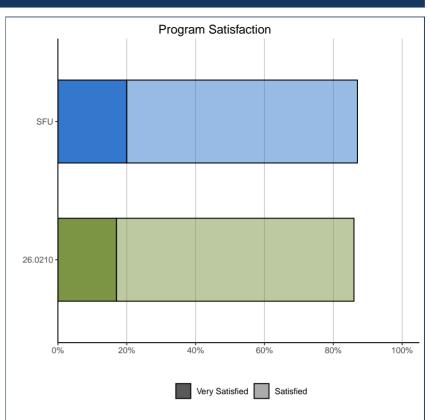


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	26.0210		SFU	
Very Satisfied	7	17%	405	20%
Satisfied	29	69%	1,336	67%
Dissatisfied	4	10%	199	10%
Very Dissatisfied	2	5%	44	2%
Total	42	100%	1,984	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	26.0210		SFU	
Very Useful	9	27%	534	31%
Somewhat Useful	15	45%	867	51%
Not Very Useful	7	21%	225	13%
Not at All Useful	2	6%	72	4%
Total	33	100%	1,698	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	26.0	26.0210		SFU	
Yes	6	14%	163	8%	
No	36	86%	1,823	92%	



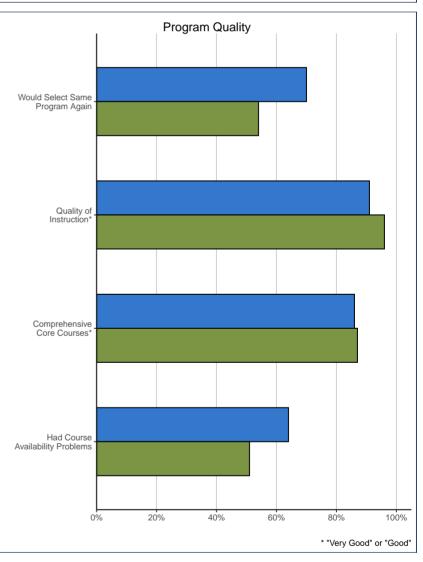
Would select the same program again:	26.0210		SFU	
Yes	19	54%	1,232	70%
No	16	46%	531	30%

Quality of Instruction:	26.0210		SFU	
Very Good	6	14%	440	22%
Good	36	82%	1,384	69%
Poor	1	2%	161	8%
Very Poor	1	2%	23	1%
Total	44	100%	2.008	100%

Comprehensiveness of Core Courses:	26.	0210	s	FU
Very Good	6	14%	459	23%
Good	32	73%	1,245	63%
Poor	4	9%	233	12%
Very Poor	2	5%	38	2%
Total	44	100%	1.975	100%

Course Availability:	26.0210		SFU	
Encountered course availability problems	22	51%	1,279	64%

Financial Constraints:	26.0210		SI	FU
Had to interrupt studies for financial reasons	4	10%	246	12%
Had to take program part-time for financial reasons	9	21%	410	20%

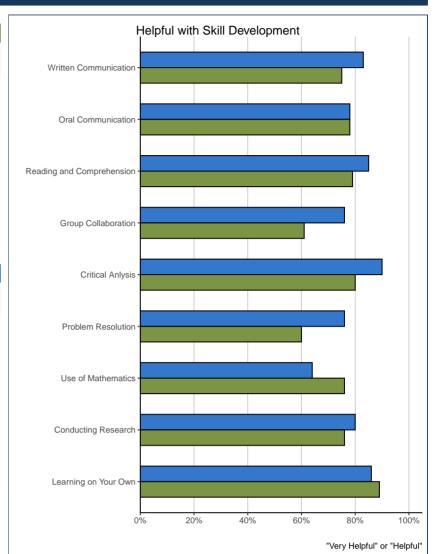




SKILL DEVELOPMENT

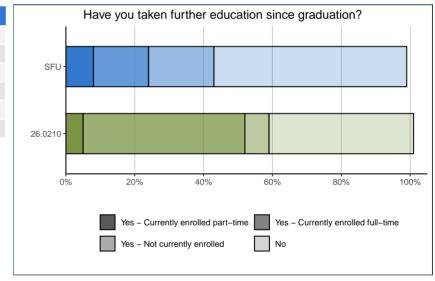
			26.0210		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	11%	64%	18%	7%	44
Oral Communication	14%	64%	17%	5%	42
Reading and Comprehension	30%	49%	9%	12%	43
Group Collaboration	11%	50%	34%	5%	44
Critical Anlysis	32%	48%	18%	2%	44
Problem Resolution	16%	44%	33%	7%	43
Use of Mathematics	14%	62%	17%	7%	42
Conducting Research	32%	44%	17%	7%	41
Learning on Your Own	41%	48%	9%	2%	44

			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

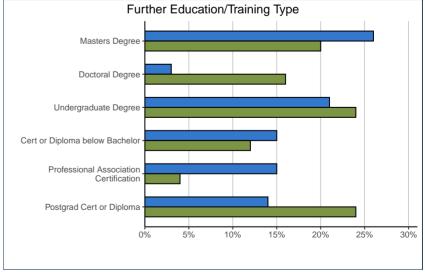


FURTHER EDUCATION

Took further education since 2020 graduation:	26.0	26.0210		SFU	
Yes	25	58%	893	44%	
Not currently enrolled	3	7%	395	19%	
Currently enrolled full-time	20	47%	329	16%	
Currently enrolled part-time	2	5%	158	8%	
No	18	42%	1,133	56%	
Total	43	100%	2,026	100%	



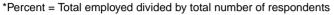
Type of Formal Post–Secondary Education:	26.	26.0210		FU
Masters Degree	5	20%	229	26%
Doctoral Degree	4	16%	29	3%
Another Undergraduate Degree	6	24%	188	21%
Certificate or Diploma below Bachelor level	3	12%	136	15%
Professional Association Certification	1	4%	133	15%
Postgraduate Certificate or Diploma	6	24%	119	14%
Other	0	0%	44	5%
Total	25	100%	878	100%



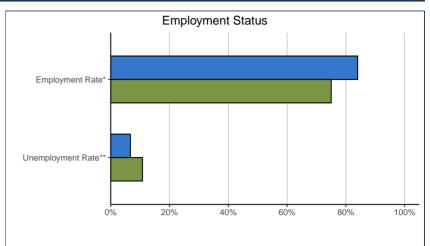


EMPLOYMENT

Labour Fource Status:	26.	26.0210		⁼U
In Labour Force (working or seeking work)	37	90%	1,830	92%
Not in Labour Force	4	10%	168	8%
Total	41	100%	1,998	100%
Employment:	26.	26.0210		=U
Employment Rate*	33	75%	1,708	84%
Unemployment Rate**	4	10.8%	122	6.7%



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

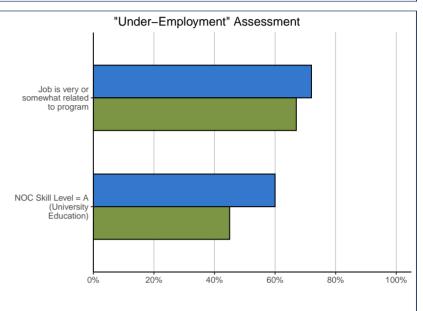


Status of Graduates NOT in Labour Force:	26.0210		SI	FU
Attending School FT	4	100%	103	61%
Attending School PT	0	0%	8	5%
Other	0	0%	57	34%
Total NOT in Labour Force	4	100%	168	100%

Primary Employment Type:	26.0210		SF	=U
Paid worker	32	97%	1,608	94%
Self-employed	1	3%	96	6%
Total	33	100%	1,704	100%

Job Characteristics:	26.0210		S	FU
I hold more than one job*	9	27%	301	18%
My main job is full-time (>= 30 hours per week)**	25	83%	1,432	89%

^{*}Of total Employed



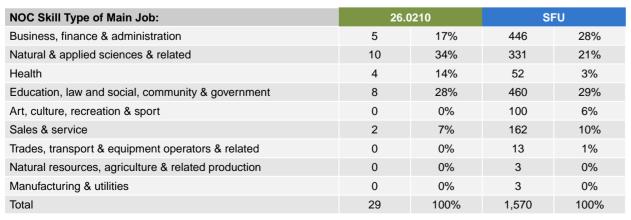
How related is your main job to your program?	26.0210		SFU	
Very Related	10	30%	624	37%
Somewhat Related	12	36%	605	35%
Not Very Related	2	6%	245	14%
Not at All Related	9	27%	231	14%
Total	33	100%	1,705	100%

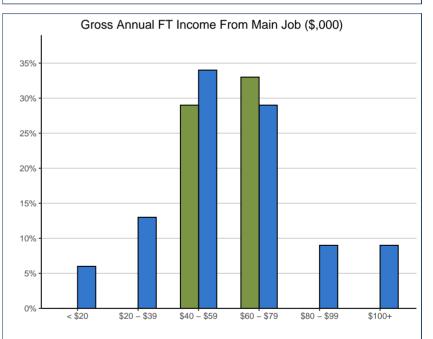
"Under-employment" Assessment:	26.0210		SI	=U
Job is very or somewhat related to program	22	67%	1,229	72%
NOC Skill Level = A (University Education)*	13	45%	945	60%

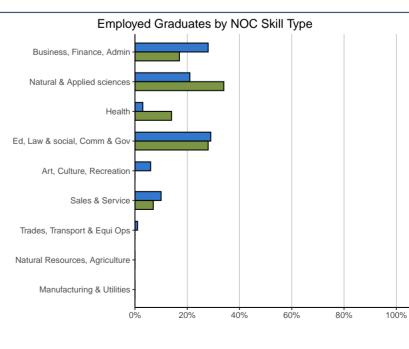
^{*}Of total valid responses

Gross Annual Income from Main Job:*	26.0210		SFU	
Less than \$20,000	~	~	68	6%
\$20,000 to \$39,999	~	~	161	13%
\$40,000 to \$59,999	6	29%	413	34%
\$60,000 to \$79,999	7	33%	351	29%
\$80,000 to \$99,999	0	0%	107	9%
\$100,000 and Above	0	0%	108	9%
Total	21	100%	1,208	100%
Median Annual Income (full-time) (\$)	58,000		60,000	
Average Annual Income (full-time) (\$)	50,604		66,030	
*Where data provided				

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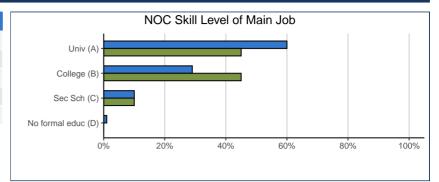
^{**}Of those who provided data on hours/week worked





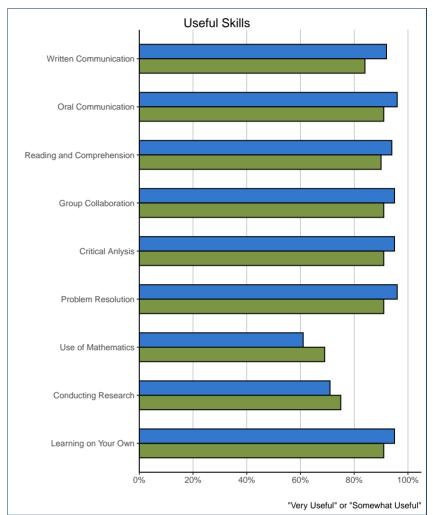
EMPLOYMENT, continued

NOC Skill Level of Main Job:	26.0210		SFU	
A. University education	13	45%	945	60%
B. College education/trade apprenticeship	13	45%	452	29%
C. Secondary school + job-specific training	3	10%	159	10%
D. No formal education	0	0%	18	1%
Total	29	100%	1,574	100%



			26.0210		
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	50%	34%	9%	6%	32
Oral Communication	67%	24%	6%	3%	33
Reading and Comprehension	59%	31%	6%	3%	32
Group Collaboration	61%	30%	6%	3%	33
Critical Anlysis	55%	36%	3%	6%	33
Problem Resolution	55%	36%	3%	6%	33
Use of Mathematics	22%	47%	16%	16%	32
Conducting Research	41%	34%	16%	9%	32
Learning on Your Own	52%	39%	3%	6%	33

			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 26.0210	Graduates:	26.0210
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
4012	А	Post-secondary teaching and research assistants	15%
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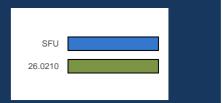
^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed

Top 10 Full-ti	ime Occupations of SFU Gra	aduates:	SFU
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
4032	A	Elementary school and kindergarten teachers	6%
2173	Α	Software engineers and designers	5%
XXXX	0	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	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



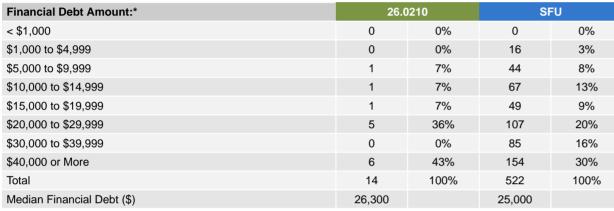
EDUCATION FINANCING

Funding Sources (3 sources allowed):*	3 sources allowed):* 26.0210		SFU	
Personal savings, investments	7	7 16%		28%
Employment while studying	26	60%	982	50%
Family/Friends	28	65%	1,299	66%
Personal bank loans	1	2%	78	4%
Government student loans	14	33%	509	26%
Scholarships/Bursaries/Grants	12	28%	562	29%
Other	10	23%	448	23%
Total	43		1,968	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	26.0	0210	S	FU
Incurred any form of financial debt	20	48%	690	35%
Incurred government-sponsored student loan debt	16	37%	564	28%

^{*} Percentage of respondents who provided data



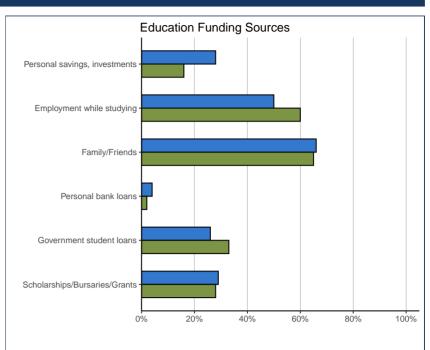
^{*} Includes only cases where financial debt was incurred

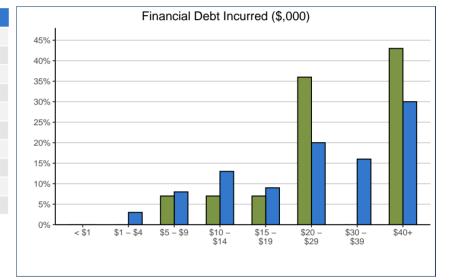


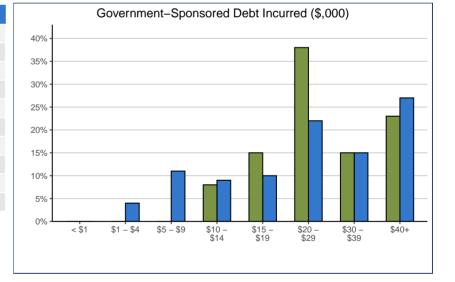
^{*} Includes only cases where government-sponsored debt was incurred

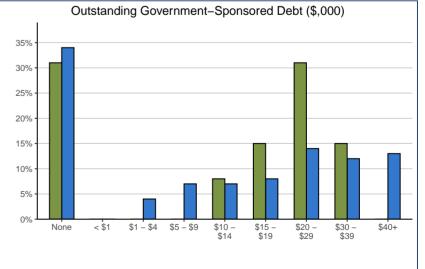
26.0210		SFU	
4	31%	157	34%
0	0%	2	0%
0	0%	20	4%
0	0%	34	7%
1	8%	30	7%
2	15%	35	8%
4	31%	64	14%
2	15%	53	12%
0	0%	61	13%
13	100%	456	100%
25,000		22,500	
	4 0 0 0 1 2 4 2 0	4 31% 0 0% 0 0% 0 0% 1 8% 2 15% 4 31% 2 15% 0 0% 13 100%	4 31% 157 0 0% 2 0 0% 20 0 0% 34 1 8% 30 2 15% 35 4 31% 64 2 15% 53 0 0% 61 13 100% 456

^{*} 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