

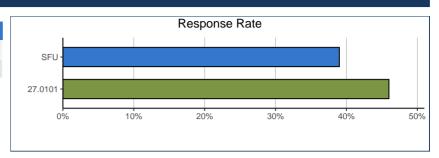
B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

SFU 27.0101

Detailed Summary of Survey Results Simon Fraser University 27.0101: Mathematics, general

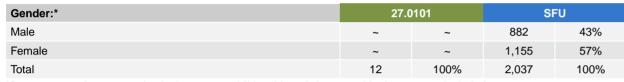
RESPONSE RATE

Survey Response Rate:	27.0101		SFU	
Baccalaureate Graduates Survey Cohort	26	100%	5,252	100%
Survey Respondents and Response Rate	12	46%	2,037	39%

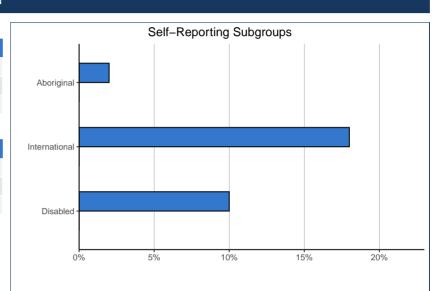


DEMOGRAPHIC INFORMATION

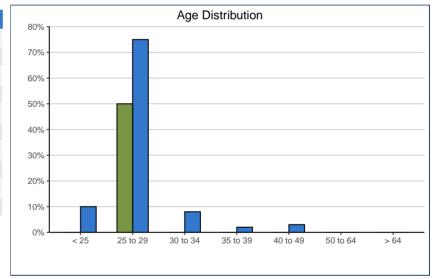
Self-Reporting Subgroups:	27.0101		SFU	
Disabled	~	~	202	10%
International	~	~	376	18%
Aboriginal	~	~	40	2%



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

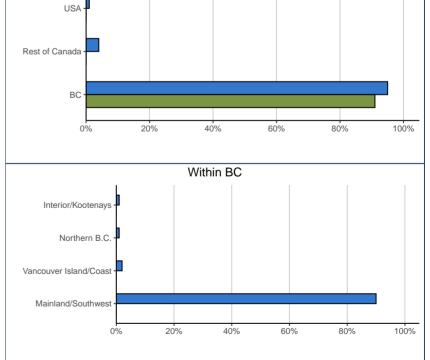


Age (at time of survey):	27.0101		SFU	
< 25	~	~	209	10%
25 to 29	6	50%	1,527	75%
30 to 34	~	~	171	8%
35 to 39	~	~	49	2%
40 to 49	~	~	60	3%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	12	100%	2,037	100%
Median Age	29		26	
Average (mean) Age	30		27	



Place of Residence

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Place of Residence (at time of survey):	27.0	0101	SFU	
BC – Mainland/Southwest	~	~	1,659	90%
BC - Vancouver Island/Coast	~	~	42	2%
BC – Northern B.C.	0	0%	22	1%
BC – Interior/Kootenays	~	~	24	1%
BC Subtotal	10	91%	1,747	95%
Canada – Alberta	0	0%	21	1%
Canada – Ontario	~	~	40	2%
Canada – Other	0	0%	15	1%
U.S.A.	0	0%	14	1%
Non-BC Subtotal	~	~	90	5%
Total	~	~	1,837	100%



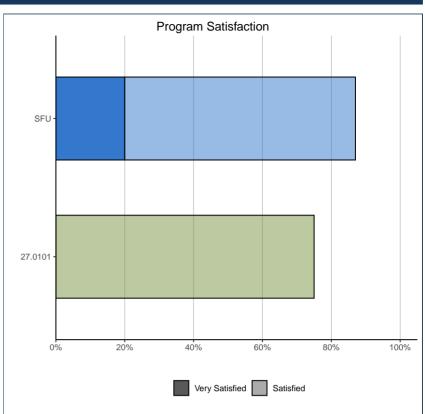


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	27.0101		SI	-U
Very Satisfied	0	0%	405	20%
Satisfied	9	75%	1,336	67%
Dissatisfied	3	25%	199	10%
Very Dissatisfied	0	0%	44	2%
Total	12	100%	1,984	100%

27.0101		SFU	
4	57%	534	31%
1	14%	867	51%
2	29%	225	13%
0	0%	72	4%
7	100%	1,698	100%
	4 1 2 0	4 57% 1 14% 2 29% 0 0%	4 57% 534 1 14% 867 2 29% 225 0 0% 72

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	27.	0101	SFU	
Yes	0	0%	163	8%
No	12	100%	1.823	92%



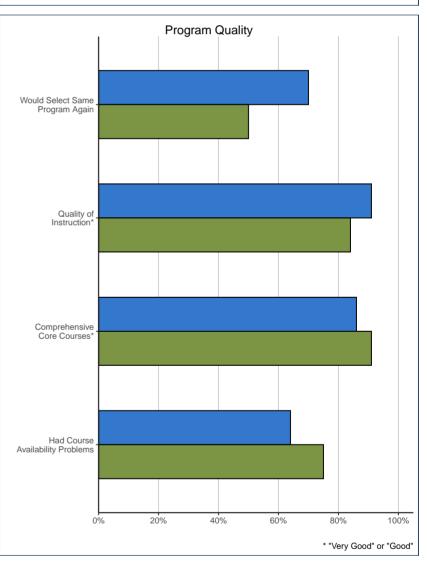
Would select the same program again:	27.0	0101	SFU	
Yes	5	50%	1,232	70%
No	5	50%	531	30%

Quality of Instruction:	27.0101		SFU	
Very Good	2	17%	440	22%
Good	8	67%	1,384	69%
Poor	2	17%	161	8%
Very Poor	0	0%	23	1%
Total	12	100%	2.008	100%

Comprehensiveness of Core Courses:	27.0	27.0101		FU
Very Good	2	18%	459	23%
Good	8	73%	1,245	63%
Poor	0	0%	233	12%
Very Poor	1	9%	38	2%
Total	11	100%	1.975	100%

Course Availability:	27.0	27.0101		SFU	
Encountered course availability problems	9	75%	1,279	64%	

Financial Constraints:	27.0101		SFU	
Had to interrupt studies for financial reasons	4	36%	246	12%
Had to take program part-time for financial reasons	6	55%	410	20%

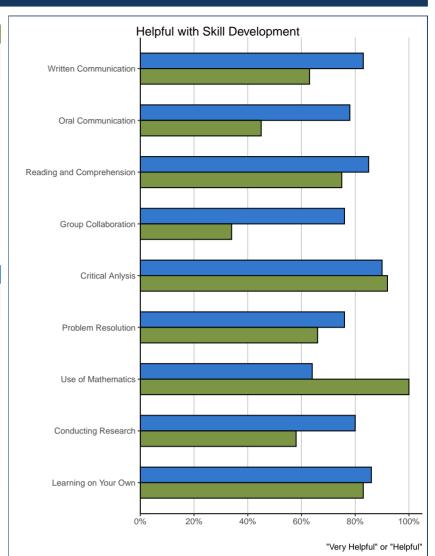




SKILL DEVELOPMENT

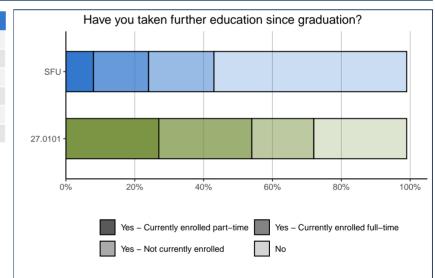
			27.0101		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	18%	45%	9%	27%	11
Oral Communication	18%	27%	27%	27%	11
Reading and Comprehension	8%	67%	17%	8%	12
Group Collaboration	17%	17%	50%	17%	12
Critical Anlysis	67%	25%	8%	0%	12
Problem Resolution	33%	33%	33%	0%	12
Use of Mathematics	67%	33%	0%	0%	12
Conducting Research	8%	50%	42%	0%	12
Learning on Your Own	58%	25%	17%	0%	12

			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

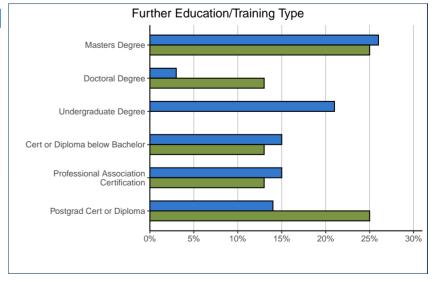


FURTHER EDUCATION

Took further education since 2020 graduation:	27.0101		SFU	
Yes	8	73%	893	44%
Not currently enrolled	2	18%	395	19%
Currently enrolled full-time	3	27%	329	16%
Currently enrolled part-time	3	27%	158	8%
No	3	27%	1,133	56%
Total	11	100%	2,026	100%



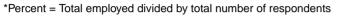
Type of Formal Post–Secondary Education:	27	27.0101		SFU	
Masters Degree	2	25%	229	26%	
Doctoral Degree	1	13%	29	3%	
Another Undergraduate Degree	0	0%	188	21%	
Certificate or Diploma below Bachelor level	1	13%	136	15%	
Professional Association Certification	1	13%	133	15%	
Postgraduate Certificate or Diploma	2	25%	119	14%	
Other	1	13%	44	5%	
Total	8	100%	878	100%	



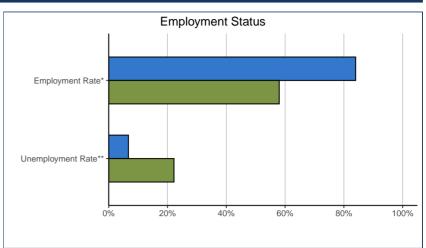


EMPLOYMENT

Labour Fource Status:	27	27.0101		FU
In Labour Force (working or seeking work)	9	75%	1,830	92%
Not in Labour Force	3	25%	168	8%
Total	12	100%	1,998	100%
Employment:	27	27.0101		FU
Employment Rate*	7	58%	1,708	84%
Unemployment Rate**	2	22.2%	122	6.7%



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

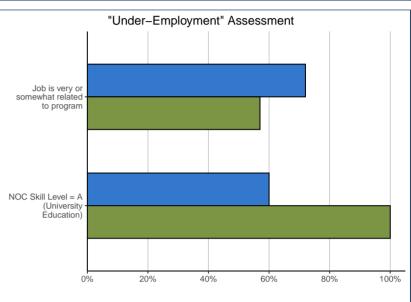


Status of Graduates NOT in Labour Force:	27.0101		SFU	
Attending School FT	2	67%	103	61%
Attending School PT	1	33%	8	5%
Other	0	0%	57	34%
Total NOT in Labour Force	3	100%	168	100%

Primary Employment Type:	27.0101		SFU	
Paid worker	6	100%	1,608	94%
Self-employed	0	0%	96	6%
Total	6	100%	1,704	100%

Job Characteristics:	27.0101		SFU	
I hold more than one job*	0	0%	301	18%
My main job is full-time (>= 30 hours per week)**	6	86%	1,432	89%

^{*}Of total Employed



How related is your main job to your program?	27.0101		SFU	
Very Related	1	14%	624	37%
Somewhat Related	3	43%	605	35%
Not Very Related	0	0%	245	14%
Not at All Related	3	43%	231	14%
Total	7	100%	1,705	100%

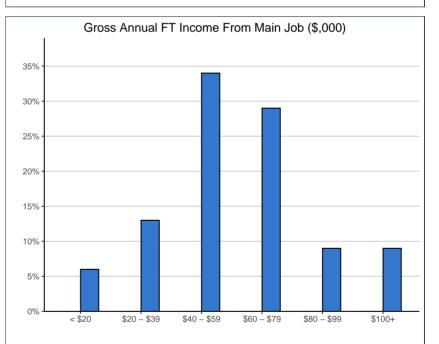
"Under-employment" Assessment:	27.0101		SFU	
Job is very or somewhat related to program	4	57%	1,229	72%
NOC Skill Level = A (University Education)*	5	100%	945	60%

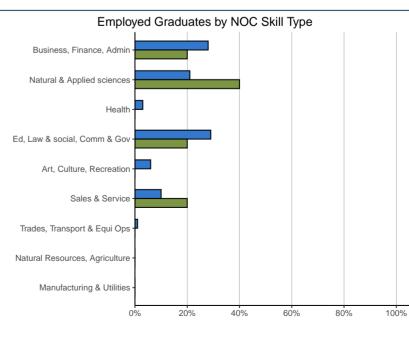
^{*}Of total valid responses

Gross Annual Income from Main Job:*	27.	27.0101		SFU	
Less than \$20,000	0	0%	68	6%	
\$20,000 to \$39,999	0	0%	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	~	~	108	9%	
Total	~	~	1,208	100%	
Median Annual Income (full-time) (\$)	NA		60,000		
Average Annual Income (full-time) (\$)	NA		66,030		
*10//					

^{*}Where data provided

NOC Skill Type of Main Job:	27.0101		SFU	
Business, finance & administration	1	20%	446	28%
Natural & applied sciences & related	2	40%	331	21%
Health	0	0%	52	3%
Education, law and social, community & government	1	20%	460	29%
Art, culture, recreation & sport	0	0%	100	6%
Sales & service	1	20%	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	5	100%	1,570	100%





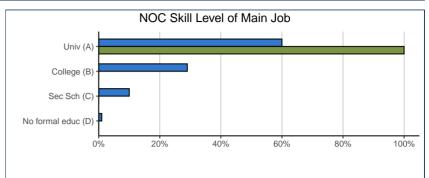
^{**}Of those who provided data on hours/week worked





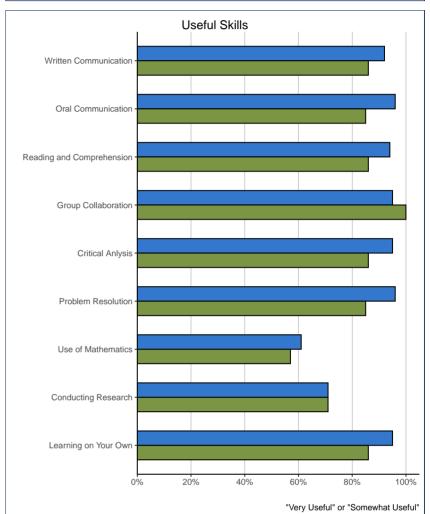
EMPLOYMENT, continued

NOC Skill Level of Main Job:	27.0101		SFU	
A. University education		100%	945	60%
B. College education/trade apprenticeship	0	0%	452	29%
C. Secondary school + job-specific training	0	0%	159	10%
D. No formal education	0	0%	18	1%
Total	5	100%	1,574	100%



	27.0101				
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	57%	29%	14%	0%	7
Oral Communication	71%	14%	14%	0%	7
Reading and Comprehension	43%	43%	14%	0%	7
Group Collaboration	86%	14%	0%	0%	7
Critical Anlysis	43%	43%	14%	0%	7
Problem Resolution	71%	14%	14%	0%	7
Use of Mathematics	43%	14%	29%	14%	7
Conducting Research	14%	57%	14%	14%	7
Learning on Your Own	57%	29%	0%	14%	7

\/a				
Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
63%	29%	5%	3%	1,691
70%	26%	3%	1%	1,694
66%	28%	4%	2%	1,692
72%	23%	4%	1%	1,695
68%	27%	4%	1%	1,696
73%	23%	3%	1%	1,694
26%	35%	23%	15%	1,649
34%	37%	17%	12%	1,668
66%	29%	4%	2%	1,691
	63% 70% 66% 72% 68% 73% 26% 34%	63% 29% 70% 26% 66% 28% 72% 23% 68% 27% 73% 23% 26% 35% 34% 37%	63% 29% 5% 70% 26% 3% 66% 28% 4% 72% 23% 4% 68% 27% 4% 73% 23% 3% 26% 35% 23% 34% 37% 17%	63% 29% 5% 3% 70% 26% 3% 1% 66% 28% 4% 2% 72% 23% 4% 1% 68% 27% 4% 1% 73% 23% 3% 1% 26% 35% 23% 15% 34% 37% 17% 12%



Top 10 Full-time 0	Occupations of 27.0101 G	raduates:	27.0101
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
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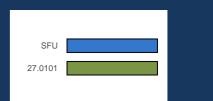
^{*} Data not displayed where n < 5

^{**} 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.**
4032	A	Elementary school and kindergarten teachers	6%
2173	A	Software engineers and designers	5%
XXXX	0	Unclassified occupations	5%
1123	Α	Professional occupations in advertising, marketing and public relations	4%
4031	A	Secondary school teachers	4%
2174	Α	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):*	27.0101		SFU	
Personal savings, investments		25%	556	28%
Employment while studying		42%	982	50%
Family/Friends	9	75%	1,299	66%
Personal bank loans	1	8%	78	4%
Government student loans	5	42%	509	26%
Scholarships/Bursaries/Grants	4	33%	562	29%
Other	3	25%	448	23%
Total	12		1,968	



Financial Debt Incurred to Finance Bac. Ed.:*	27.0	27.0101 SF		FU
Incurred any form of financial debt	8	67%	690	35%
Incurred government-sponsored student loan debt	5	42%	564	28%

^{*} Percentage of respondents who provided data



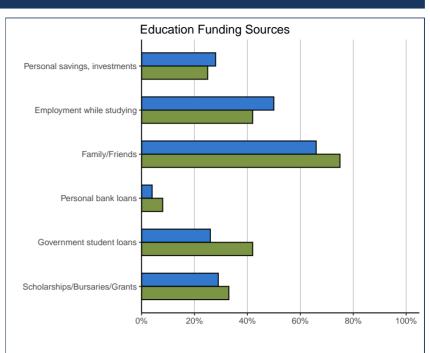
^{*} Includes only cases where financial debt was incurred

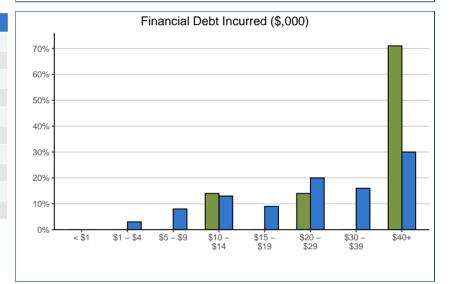


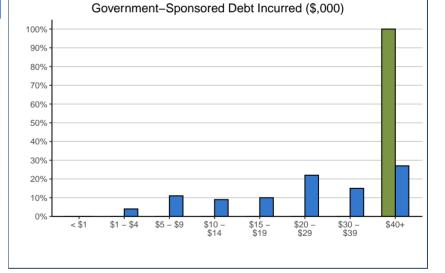
^{*} Includes only cases where government–sponsored debt was incurred

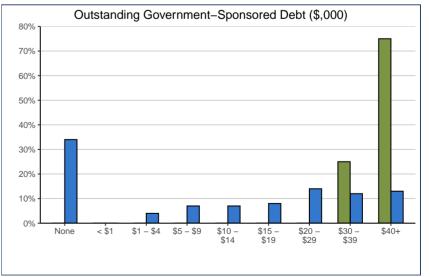


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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