

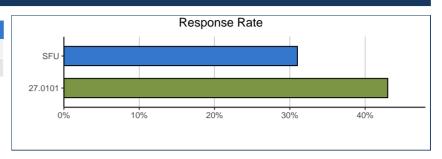
# B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

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	28	100%	5,547	100%
Survey Respondents and Response Rate	12	43%	1,725	31%

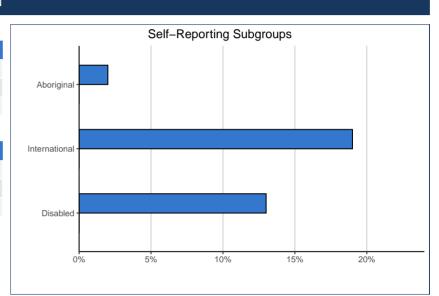


# DEMOGRAPHIC INFORMATION

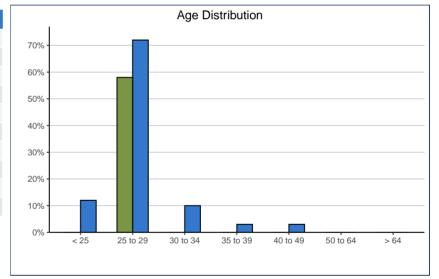
Self-Reporting Subgroups:	27.0101		SFU	
Disabled	~	~	205	13%
International	~	~	333	19%
Aboriginal	0	0%	31	2%

Gender:*	27.0101		SFU	
Male	6	50%	797	46%
Female	6	50%	924	54%
Total	12	100%	1,721	100%

<sup>\*</sup>Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.

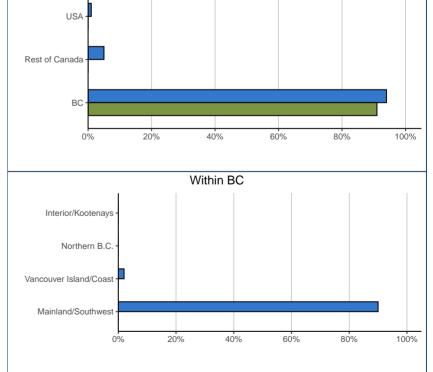


Age (at time of survey):	27.0101		SFU	
< 25	~	~	200	12%
25 to 29	7	58%	1,238	72%
30 to 34	~	~	165	10%
35 to 39	0	0%	54	3%
40 to 49	0	0%	53	3%
50 to 64	~	~	~	~
> 64	0	0%	~	~
Total	12	100%	1,725	100%
Median Age	26		26	
Average (mean) Age	28		28	



Place of Residence

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Place of Residence (at time of survey):	27.0101		SFU	
BC – Mainland/Southwest	~	~	1,390	90%
BC - Vancouver Island/Coast	0	0%	32	2%
BC – Northern B.C.	0	0%	~	~
BC – Interior/Kootenays	~	~	~	~
BC Subtotal	10	91%	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%





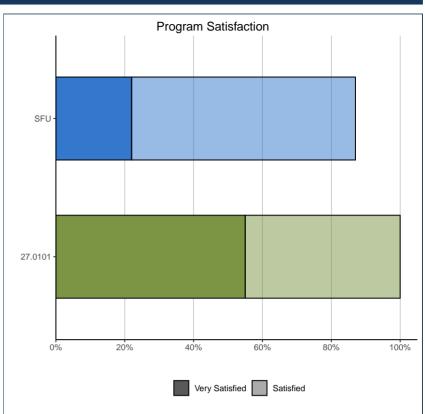


# **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	27.0101		SFU	
Very Satisfied	6	55%	366	22%
Satisfied	5	45%	1,108	65%
Dissatisfied	0	0%	177	10%
Very Dissatisfied	0	0%	42	2%
Total	11	100%	1,693	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	27.0101		SFU	
Very Useful	3	25%	402	29%
Somewhat Useful	6	50%	749	53%
Not Very Useful	3	25%	182	13%
Not at All Useful	0	0%	70	5%
Total	12	100%	1,403	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	27.	27.0101		SFU	
Yes	3	27%	157	9%	
No	8	73%	1,507	91%	



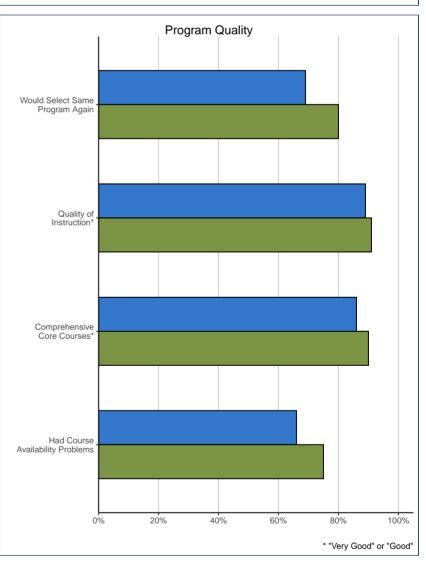
Would select the same program again:	27.0101		SFU	
Yes	8	80%	1,040	69%
No	2	20%	466	31%

Quality of Instruction:	27.0	27.0101		SFU	
Very Good	4	33%	383	22%	
Good	7	58%	1,141	67%	
Poor	0	0%	157	9%	
Very Poor	1	8%	30	2%	
Total	12	100%	1,711	100%	

Comprehensiveness of Core Courses:	27.	27.0101		SFU	
Very Good	5	45%	387	23%	
Good	5	45%	1,062	63%	
Poor	1	9%	191	11%	
Very Poor	0	0%	37	2%	
Total	11	100%	1,677	100%	

Course Availability:	27.0101		SFU	
Encountered course availability problems	9	75%	1,122	66%

Financial Constraints:	27.0101		SFU	
Had to interrupt studies for financial reasons	1	8%	203	12%
Had to take program part-time for financial reasons	3	25%	397	23%

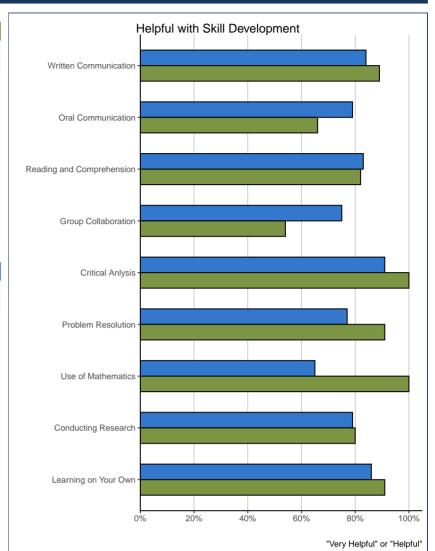




# SKILL DEVELOPMENT

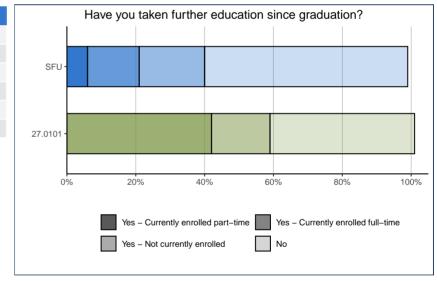
			27.0101		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	33%	56%	11%	0%	9
Oral Communication	22%	44%	22%	11%	9
Reading and Comprehension	27%	55%	18%	0%	11
Group Collaboration	9%	45%	36%	9%	11
Critical Anlysis	75%	25%	0%	0%	12
Problem Resolution	58%	33%	8%	0%	12
Use of Mathematics	67%	33%	0%	0%	12
Conducting Research	40%	40%	0%	20%	10
Learning on Your Own	58%	33%	8%	0%	12

			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

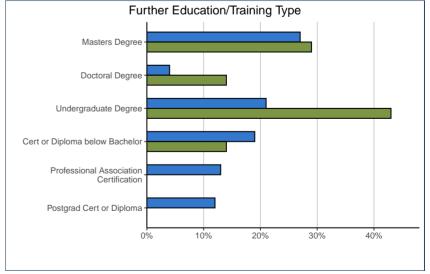


#### **FURTHER EDUCATION**

Took further education since 2021 graduation:	27.0101		SFU	
Yes	7	58%	697	41%
Not currently enrolled	2	17%	327	19%
Currently enrolled full-time	5	42%	258	15%
Currently enrolled part-time	0	0%	103	6%
No	5	42%	1,015	59%
Total	12	100%	1,712	100%



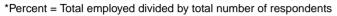
Type of Formal Post–Secondary Education:	27.	27.0101		SFU	
Masters Degree	2	29%	185	27%	
Doctoral Degree	1	14%	28	4%	
Another Undergraduate Degree	3	43%	147	21%	
Certificate or Diploma below Bachelor level	1	14%	129	19%	
Professional Association Certification	0	0%	89	13%	
Postgraduate Certificate or Diploma	0	0%	81	12%	
Other	0	0%	31	4%	
Total	7	100%	690	100%	



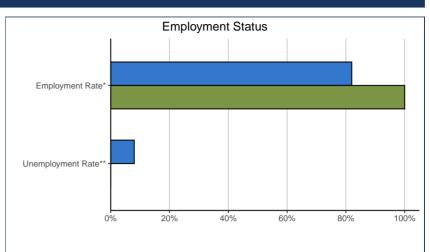


#### **EMPLOYMENT**

Labour Fource Status:	27.	27.0101		=U
In Labour Force (working or seeking work)	12	100%	1,542	91%
Not in Labour Force	0	0%	150	9%
Total	12	100%	1,692	100%
Employment:	27.	27.0101		=U
Employment Rate*	12	100%	1,418	82%
Unemployment Rate**	0	0.0%	124	8.0%



<sup>\*\*</sup>Percent = Total unemployed divided by total number in Labour Force

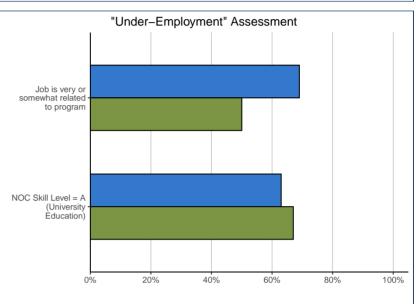


Status of Graduates NOT in Labour Force:	27.0101		SFU	
Attending School FT	0	0%	100	67%
Attending School PT	0	0%	2	1%
Other	0	0%	48	32%
Total NOT in Labour Force	0	0%	150	100%

Primary Employment Type:	27.0101		SFU	
Paid worker	11	92%	1,335	95%
Self-employed	1	8%	73	5%
Total	12	100%	1,408	100%

Job Characteristics:	27.0101		SFU	
I hold more than one job*	0	0%	217	15%
My main job is full-time (>= 30 hours per week)**	6	60%	1,195	90%

<sup>\*</sup>Of total Employed



How related is your main job to your program?	27.0101		SFU	
Very Related	3	25%	509	36%
Somewhat Related	3	25%	471	33%
Not Very Related	5	42%	216	15%
Not at All Related	1	8%	219	15%
Total	12	100%	1,415	100%

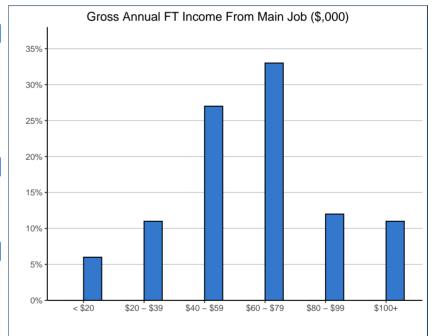
"Under-employment" Assessment:	27.0101		SFU	
Job is very or somewhat related to program	6	50%	980	69%
NOC Skill Level = A (University Education)*	6	67%	801	63%

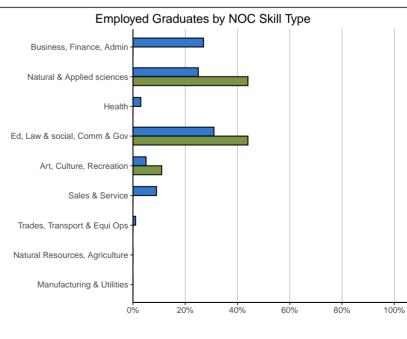
<sup>\*</sup>Of total valid responses

27.	27.0101		SFU	
~	~	59	6%	
~	~	113	11%	
~	~	283	27%	
~	~	345	33%	
0	0%	122	12%	
~	~	110	11%	
6	100%	1,032	100%	
52,080		65,000		
75,726		69,847		
	~ ~ ~ 0 ~ 6 52,080	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	~ ~ 59  ~ ~ 113  ~ ~ 283  ~ ~ 345  0 0% 122  ~ ~ 110  6 100% 1,032  52,080 65,000	

<sup>\*</sup>Where data provided

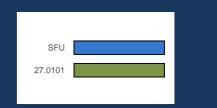
NOC Skill Type of Main Job:	27.0101		SFU	
Business, finance & administration	0	0%	342	27%
Natural & applied sciences & related	4	44%	314	25%
Health		0%	41	3%
Education, law and social, community & government	4	44%	389	31%
Art, culture, recreation & sport	1	11%	59	5%
Sales & service	0	0%	110	9%
Trades, transport & equipment operators & related	0	0%	13	1%
Natural resources, agriculture & related production	0	0%	2	0%
Manufacturing & utilities	0	0%	5	0%
Total	9	100%	1,275	100%





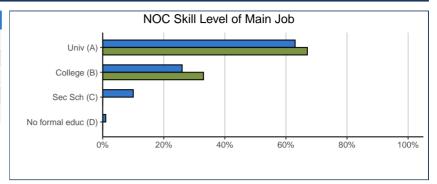
<sup>\*\*</sup>Of those who provided data on hours/week worked



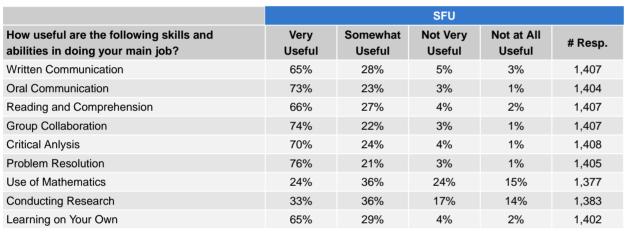


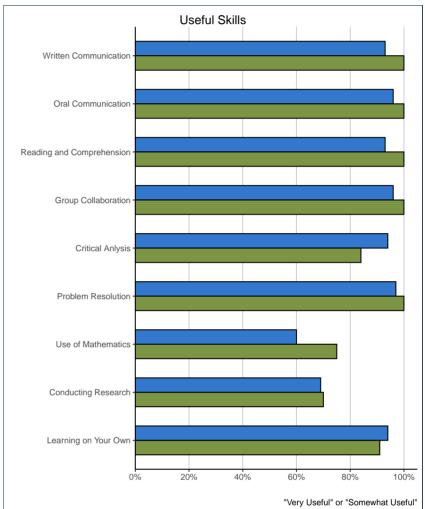
# EMPLOYMENT, continued

NOC Skill Level of Main Job:	27.0101		SFU	
A. University education		67%	801	63%
B. College education/trade apprenticeship	3	33%	332	26%
C. Secondary school + job-specific training	0	0%	130	10%
D. No formal education	0	0%	16	1%
Total	9	100%	1,279	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	58%	42%	0%	0%	12
Oral Communication	83%	17%	0%	0%	12
Reading and Comprehension	73%	27%	0%	0%	11
Group Collaboration	67%	33%	0%	0%	12
Critical Anlysis	42%	42%	17%	0%	12
Problem Resolution	75%	25%	0%	0%	12
Use of Mathematics	25%	50%	17%	8%	12
Conducting Research	20%	50%	10%	20%	10
Learning on Your Own	55%	36%	9%	0%	11





Top 10 Full-time Occupations of 27.0101 Graduates:		27.0101	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
*			
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 $<sup>^{\</sup>star}$  Data not displayed where n < 5

<sup>\*\*</sup> 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	Α	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%

<sup>\*</sup> Data not displayed where n < 5

<sup>\*\*</sup> Percentages cited are of those employed



#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	27.	27.0101		=U
Personal savings, investments	6	55%	481	29%
Employment while studying		18%	824	49%
Family/Friends	7	64%	1,104	66%
Personal bank loans	0	0%	59	4%
Government student loans	4	36%	457	27%
Scholarships/Bursaries/Grants	4	36%	498	30%
Other	1	9%	437	26%
Total	11		1,671	

<sup>\*</sup> Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	27.0101		SFU	
Incurred any form of financial debt	42%	612	37%	
Incurred government-sponsored student loan debt	5	42%	498	29%

<sup>\*</sup> Percentage of respondents who provided data



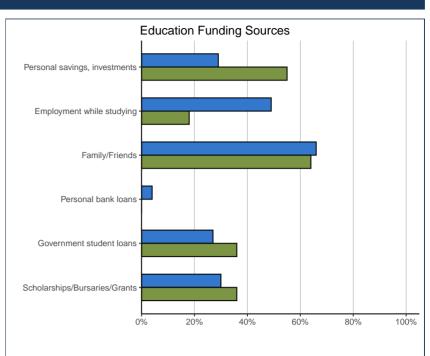
<sup>\*</sup> Includes only cases where financial debt was incurred

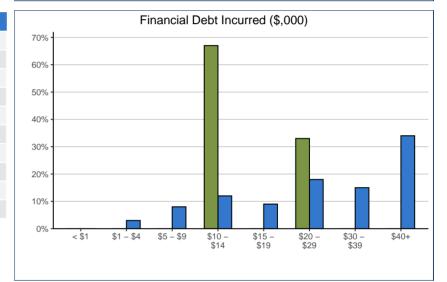


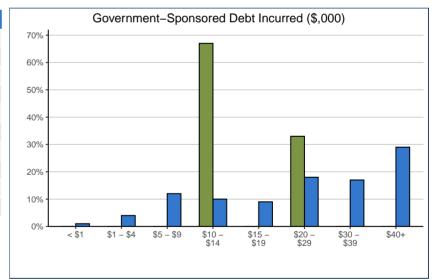
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

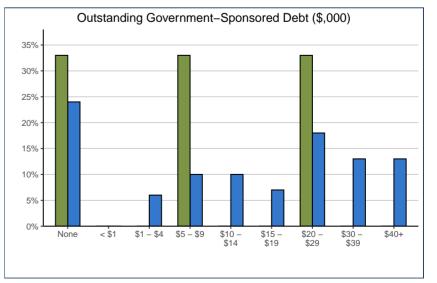


<sup>\*</sup> Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









<sup>\*\*</sup> Median amounts shown are based on those who had remaining government student loan debt