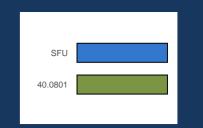


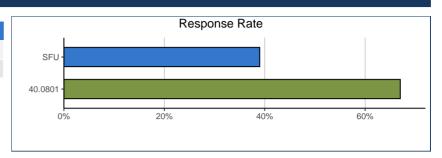
# B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

Detailed Summary of Survey Results Simon Fraser University 40.0801: Physics, general



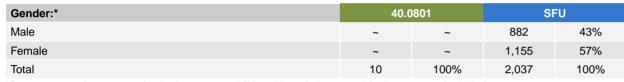
#### RESPONSE RATE

Survey Response Rate:	40.0801		SFU	
Baccalaureate Graduates Survey Cohort	15	100%	5,252	100%
Survey Respondents and Response Rate	10	67%	2,037	39%

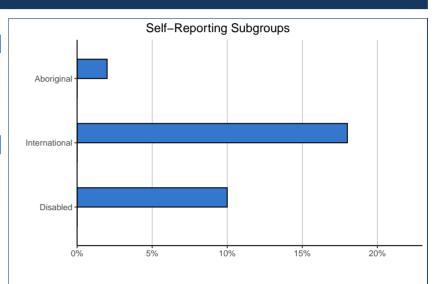


#### DEMOGRAPHIC INFORMATION

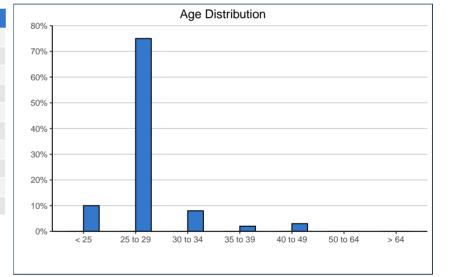
Self-Reporting Subgroups:	40.0801		SFU	
Disabled	~	~	202	10%
International	~	~	376	18%
Aboriginal	0	0%	40	2%



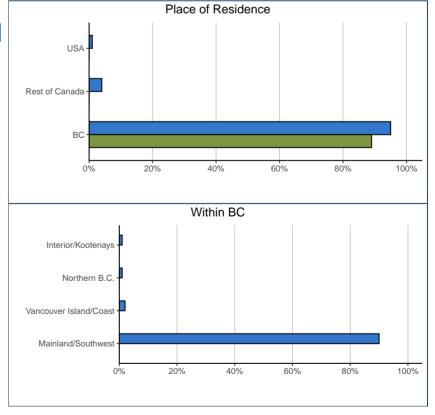
<sup>\*</sup>Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.



Age (at time of survey):	40.0801		SFU	
< 25	~	~	209	10%
25 to 29	~	~	1,527	75%
30 to 34	0	0%	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	10	100%	2,037	100%
Median Age	26		26	
Average (mean) Age	27		27	



Place of Residence (at time of survey):	40	40.0801		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	8	89%	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%	



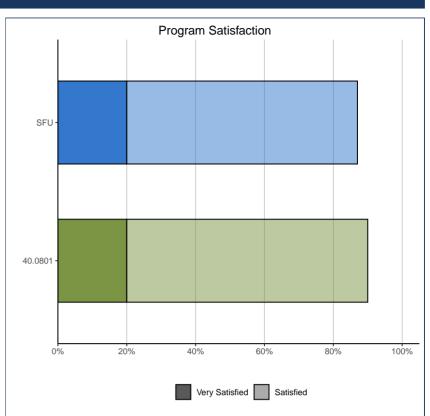


#### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	40.0801		SFU	
Very Satisfied	2	20%	405	20%
Satisfied	7	70%	1,336	67%
Dissatisfied	0	0%	199	10%
Very Dissatisfied	1	10%	44	2%
Total	10	100%	1,984	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	40.0801		SFU	
Very Useful	4	57%	534	31%
Somewhat Useful	3	43%	867	51%
Not Very Useful	0	0%	225	13%
Not at All Useful	0	0%	72	4%
Total	7	100%	1,698	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	40.	40.0801		SFU	
Yes	0	0%	163	8%	
No	10	100%	1,823	92%	



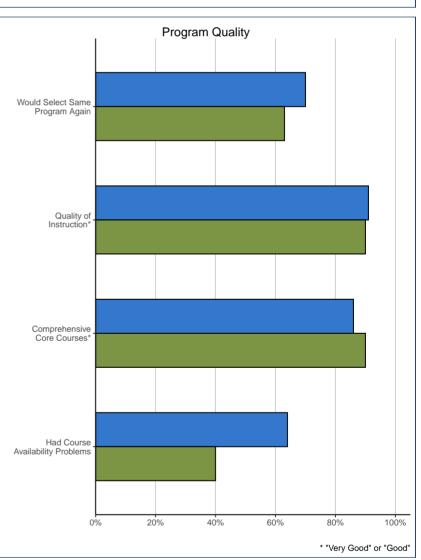
Would select the same program again:	40.0801		SFU	
Yes	5	63%	1,232	70%
No	3	38%	531	30%

Quality of Instruction:	40.0801		SFU	
Very Good	4	40%	440	22%
Good	5	50%	1,384	69%
Poor	1	10%	161	8%
Very Poor	0	0%	23	1%
Total	10	100%	2.008	100%

Comprehensiveness of Core Courses:	40.	40.0801		SFU	
Very Good	3	30%	459	23%	
Good	6	60%	1,245	63%	
Poor	0	0%	233	12%	
Very Poor	1	10%	38	2%	
Total	10	100%	1.975	100%	

Course Availability:	40.0	801	SFU	
Encountered course availability problems	4	40%	1,279	64%

Financial Constraints:	40.0801		SFU	
Had to interrupt studies for financial reasons	0	0%	246	12%
Had to take program part-time for financial reasons	1	10%	410	20%

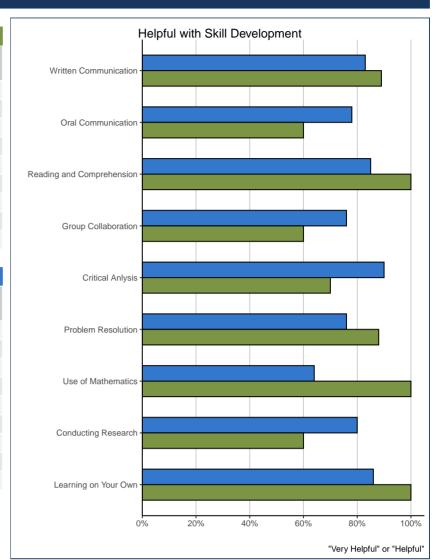




#### SKILL DEVELOPMENT

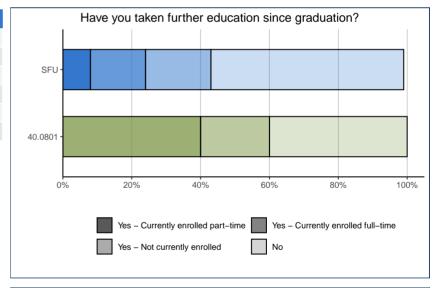
			40.0801		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	22%	67%	11%	0%	9
Oral Communication	10%	50%	40%	0%	10
Reading and Comprehension	44%	56%	0%	0%	9
Group Collaboration	40%	20%	30%	10%	10
Critical Anlysis	60%	10%	30%	0%	10
Problem Resolution	25%	63%	13%	0%	8
Use of Mathematics	90%	10%	0%	0%	10
Conducting Research	30%	30%	40%	0%	10
Learning on Your Own	50%	50%	0%	0%	10

			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

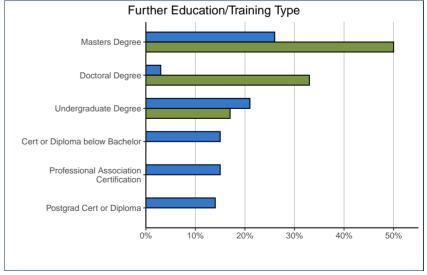


#### **FURTHER EDUCATION**

Took further education since 2020 graduation:	40.	40.0801		FU
Yes	6	60%	893	44%
Not currently enrolled	2	20%	395	19%
Currently enrolled full-time	4	40%	329	16%
Currently enrolled part-time	0	0%	158	8%
No	4	40%	1,133	56%
Total	10	100%	2.026	100%



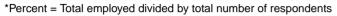
Type of Formal Post–Secondary Education:	40.	40.0801		SFU	
Masters Degree	3	50%	229	26%	
Doctoral Degree	2	33%	29	3%	
Another Undergraduate Degree	1	17%	188	21%	
Certificate or Diploma below Bachelor level	0	0%	136	15%	
Professional Association Certification	0	0%	133	15%	
Postgraduate Certificate or Diploma	0	0%	119	14%	
Other	0	0%	44	5%	
Total	6	100%	878	100%	



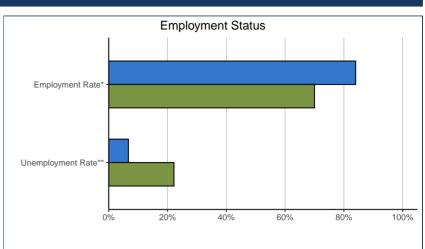


#### **EMPLOYMENT**

Labour Fource Status:	40.0801		SFU	
In Labour Force (working or seeking work)	9	100%	1,830	92%
Not in Labour Force	0	0%	168	8%
Total	9	100%	1,998	100%
Employment:	40.	0801	SFU	
Employment Rate*	7	70%	1,708	84%
Unemployment Rate**	2	22.2%	122	6.7%



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

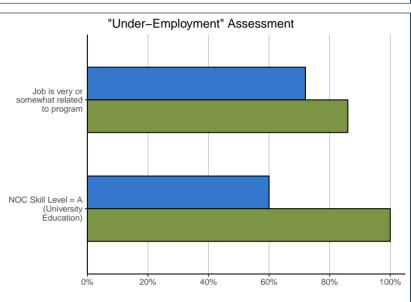


Status of Graduates NOT in Labour Force:	40.0801		SFU	
Attending School FT	0	0%	103	61%
Attending School PT	0	0%	8	5%
Other	0	0%	57	34%
Total NOT in Labour Force	0	0%	168	100%

Primary Employment Type:	40.0801		SFU	
Paid worker	7	100%	1,608	94%
Self-employed	0	0%	96	6%
Total	7	100%	1,704	100%

Job Characteristics:	40.0801		SFU	
I hold more than one job*	1	14%	301	18%
My main job is full-time (>= 30 hours per week)**	6	100%	1,432	89%

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



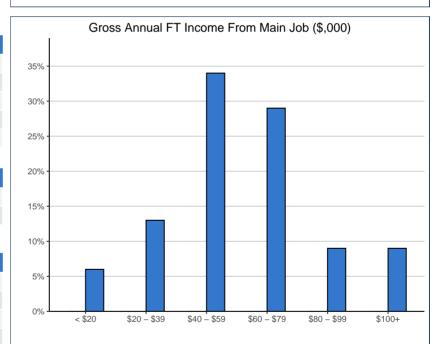
How related is your main job to your program?	40.0801		SFU	
Very Related	3	43%	624	37%
Somewhat Related	3	43%	605	35%
Not Very Related	1	14%	245	14%
Not at All Related	0	0%	231	14%
Total	7	100%	1,705	100%

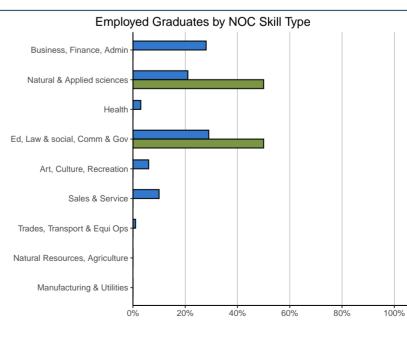
"Under-employment" Assessment:	40.0801		SFU	
Job is very or somewhat related to program	6	86%	1,229	72%
NOC Skill Level = A (University Education)*	6	100%	945	60%

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

Gross Annual Income from Main Job:*	40.0801		SFU	
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	5	100%	1,208	100%
Median Annual Income (full-time) (\$)	51,960		60,000	
Average Annual Income (full-time) (\$)	46,862		66,030	
*Where data provided				

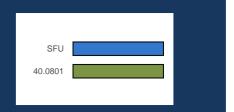
NOC Skill Type of Main Job:	40.0801		SFU	
Business, finance & administration	0	0%	446	28%
Natural & applied sciences & related	3	50%	331	21%
Health	0	0%	52	3%
Education, law and social, community & government	3	50%	460	29%
Art, culture, recreation & sport	0	0%	100	6%
Sales & service	0	0%	162	10%
Trades, transport & equipment operators & related	0	0%	13	1%
Natural resources, agriculture & related production	0	0%	3	0%
Manufacturing & utilities	0	0%	3	0%
Total	6	100%	1,570	100%





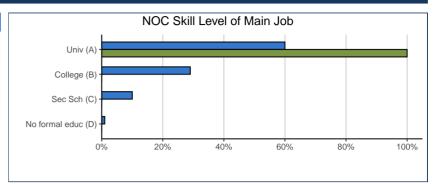
<sup>\*\*</sup>Of those who provided data on hours/week worked





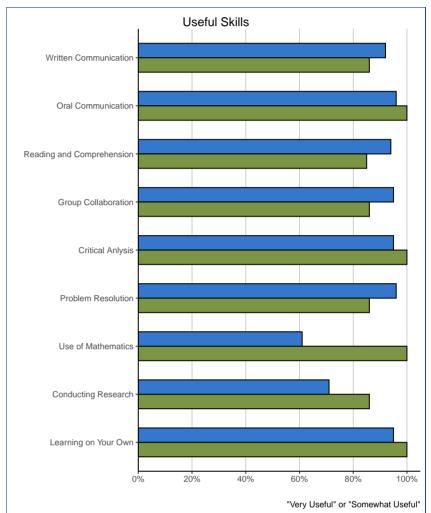
#### EMPLOYMENT, continued

NOC Skill Level of Main Job:	40.0801		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	6	100%	1,574	100%



	40.0801				
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	43%	43%	14%	0%	7
Oral Communication	57%	43%	0%	0%	7
Reading and Comprehension	71%	14%	14%	0%	7
Group Collaboration	57%	29%	14%	0%	7
Critical Anlysis	86%	14%	0%	0%	7
Problem Resolution	57%	29%	14%	0%	7
Use of Mathematics	57%	43%	0%	0%	7
Conducting Research	57%	29%	14%	0%	7
Learning on Your Own	71%	29%	0%	0%	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 Occupations of 40.0801 Graduates:		40.0801	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
*			
*			
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<sup>\*</sup> 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.**
4032	A	Elementary school and kindergarten teachers	6%
2173	А	Software engineers and designers	5%
XXXX	0	Unclassified occupations	5%
1123	А	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%

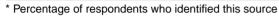
<sup>\*</sup> Data not displayed where n < 5

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



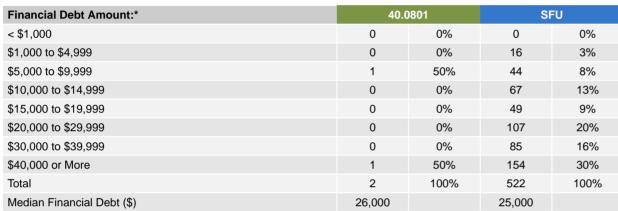
#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	40.0801		SFU	
Personal savings, investments		20%	556	28%
Employment while studying		80%	982	50%
Family/Friends	6	60%	1,299	66%
Personal bank loans	0	0%	78	4%
Government student loans	2	20%	509	26%
Scholarships/Bursaries/Grants	5	50%	562	29%
Other	0	0%	448	23%
Total	10		1,968	



Financial Debt Incurred to Finance Bac. Ed.:*	40.0	40.0801 S		FU
Incurred any form of financial debt	2	20%	690	35%
Incurred government-sponsored student loan debt	2	20%	564	28%

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



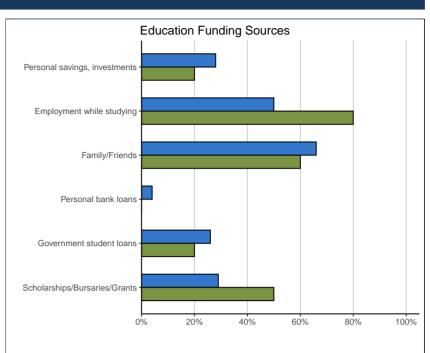
<sup>\*</sup> Includes only cases where financial debt was incurred

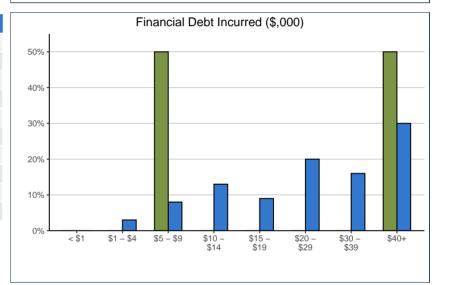


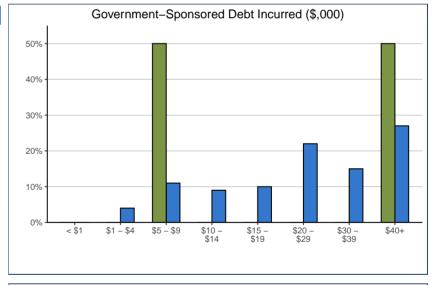
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

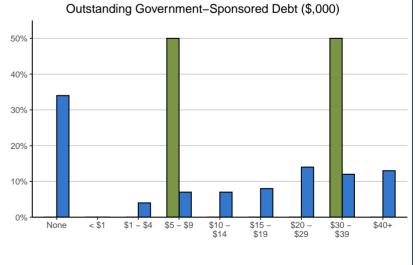


 $<sup>^{\</sup>star}$  Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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