

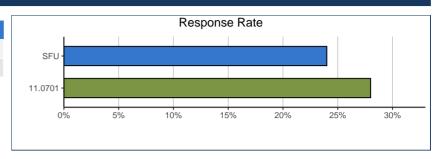
## B.C. Baccalaureate Outcomes 2024 Survey of 2022 Baccalaureate Graduates

SFU 11.0701

Detailed Summary of Survey Results Simon Fraser University 11.0701: Computer science

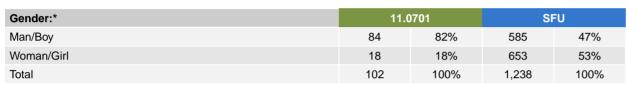
#### RESPONSE RATE

Survey Response Rate:	11.0701		SFU	
Baccalaureate Graduates Survey Cohort	359	100%	5,128	100%
Survey Respondents and Response Rate	102	28%	1,242	24%

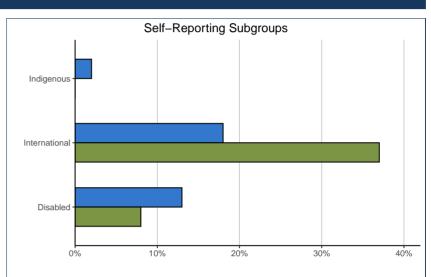


#### **DEMOGRAPHIC INFORMATION**

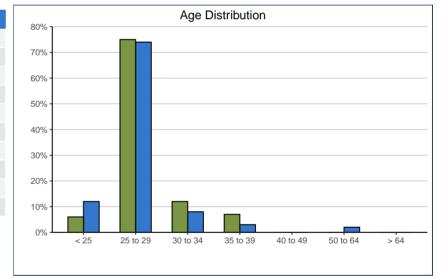
Self-Reporting Subgroups:	11.0701		SFU	
Disabled	8	8%	153	13%
International	38	37%	229	18%
Indigenous	0	0%	21	2%



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

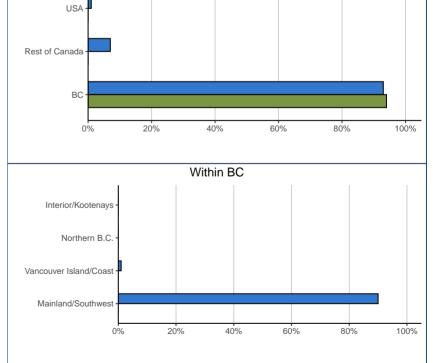


Age (at time of survey):	11.0701		SFU	
< 25	6	6%	147	12%
25 to 29	77	75%	915	74%
30 to 34	12	12%	102	8%
35 to 39	7	7%	32	3%
40 to 49	0	0%	~	~
50 to 64	0	0%	22	2%
> 64	0	0%	~	~
Total	102	100%	1,242	100%
Median Age	26		26	
Average (mean) Age	28		27	



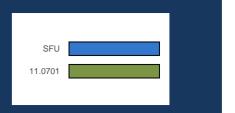
Place of Residence

Place of Basislanes (at time of assess)	11	2704	01	
Place of Residence (at time of survey):	11.0701		SFU	
BC – Mainland/Southwest	~	~	981	90%
BC – Vancouver Island/Coast	0	0%	13	1%
BC – Northern B.C.	0	0%	~	~
BC – Interior/Kootenays	~	~	~	~
BC Subtotal	80	94%	1,009	93%
Canada – Alberta	0	0%	22	2%
Canada – Ontario	~	~	30	3%
Canada - Other	~	~	18	2%
U.S.A.	0	0%	8	1%
Non-BC Subtotal	5	6%	78	7%
Total	85	100%	1,087	100%





Detailed Summary of Survey Results
Simon Fraser University
11.0701: Computer science

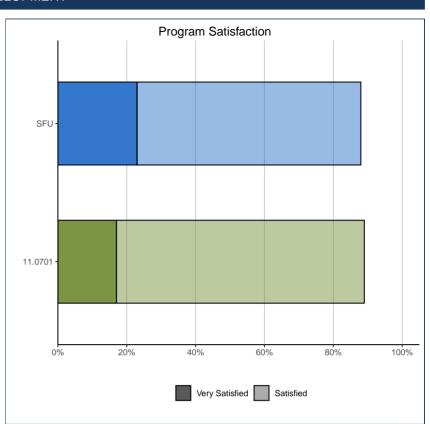


#### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	11.0701		SFU	
Very Satisfied	17	17%	285	23%
Satisfied	71	72%	791	65%
Dissatisfied	8	8%	115	9%
Very Dissatisfied	3	3%	27	2%
Total	99	100%	1,218	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	11.0701		SFU	
Very Useful	38	46%	302	31%
Somewhat Useful	40	48%	488	50%
Not Very Useful	4	5%	128	13%
Not at All Useful	1	1%	50	5%
Total	83	100%	968	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	11.0	0701	SFU	
Yes	10	10%	97	8%
No	89	90%	1,103	92%



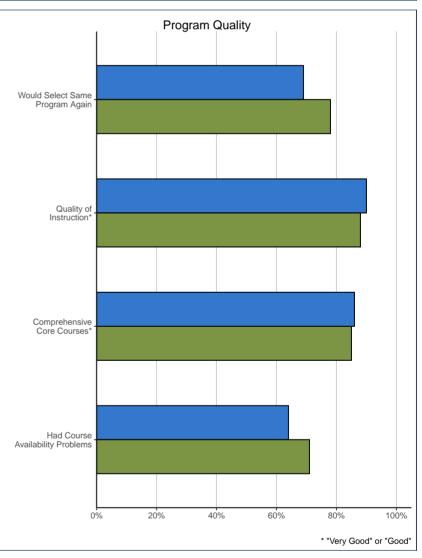
Would select the same program again:	11.0701		SFU	
Yes	68	78%	751	69%
No	19	22%	341	31%

Quality of Instruction:	11.0701		SFU	
Very Good	12	12%	273	22%
Good	76	76%	837	68%
Poor	10	10%	98	8%
Very Poor	2	2%	15	1%
Total	100	100%	1.223	100%

Comprehensiveness of Core Courses:	11.0	11.0701		SFU	
Very Good	19	19%	267	22%	
Good	65	66%	773	64%	
Poor	14	14%	147	12%	
Very Poor	1	1%	29	2%	
Total	99	100%	1.216	100%	

Course Availability:	11.0	701	S	FU
Encountered course availability problems	72	71%	777	64%

Financial Constraints:	11.0701		SFU	
Had to interrupt studies for financial reasons	10	10%	130	11%
Had to take program part-time for financial reasons	19	19%	248	20%



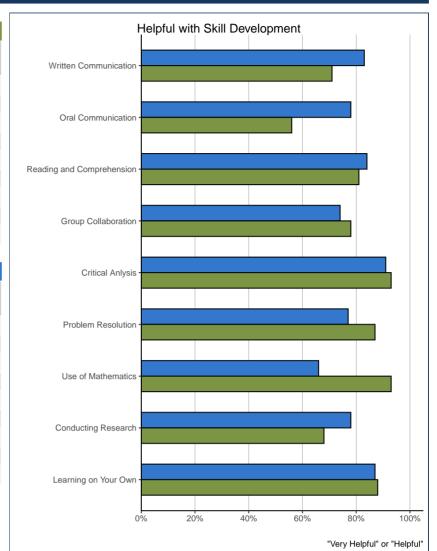
### Detailed Summary of Survey Results Simon Fraser University 11.0701: Computer science



#### SKILL DEVELOPMENT

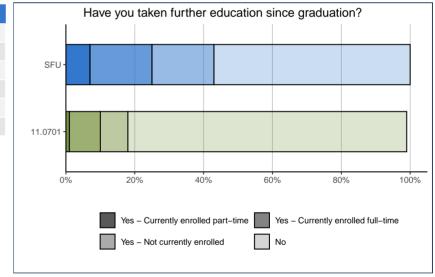
			11.0701		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	17%	54%	26%	3%	95
Oral Communication	10%	46%	40%	4%	96
Reading and Comprehension	21%	60%	18%	1%	96
Group Collaboration	20%	58%	17%	6%	102
Critical Anlysis	40%	53%	7%	0%	101
Problem Resolution	40%	47%	13%	0%	100
Use of Mathematics	49%	44%	7%	0%	102
Conducting Research	20%	48%	23%	9%	93
Learning on Your Own	52%	36%	7%	5%	99

			SFU		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	28%	55%	15%	2%	1,206
Oral Communication	21%	57%	19%	3%	1,206
Reading and Comprehension	31%	53%	14%	2%	1,212
Group Collaboration	23%	51%	21%	4%	1,211
Critical Anlysis	39%	52%	7%	2%	1,229
Problem Resolution	23%	54%	19%	4%	1,192
Use of Mathematics	21%	45%	28%	7%	998
Conducting Research	29%	49%	18%	4%	1,149
Learning on Your Own	39%	48%	10%	3%	1,210

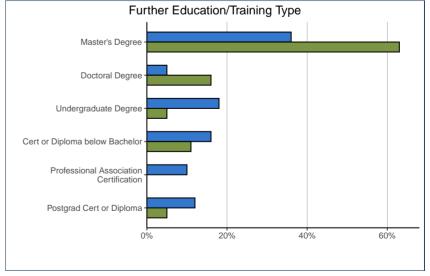


#### **FURTHER EDUCATION**

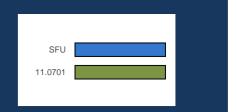
Took further education since 2022 graduation:	11.0	11.0701 S		FU	
Yes	19	19%	528	43%	
Not currently enrolled	8	8%	221	18%	
Currently enrolled full-time	9	9%	217	18%	
Currently enrolled part-time	1	1%	83	7%	
No	82	81%	705	57%	
Total	101	100%	1.233	100%	



Type of Formal Post-Secondary Education:	11.0701		SFU	
Master's Degree	12	63%	187	36%
Doctoral Degree	3	16%	26	5%
Another Undergraduate Degree	1	5%	92	18%
Certificate or Diploma below Bachelor Level	2	11%	82	16%
Professional Association Certification	0	0%	54	10%
Postgraduate Certificate or Diploma	1	5%	60	12%
Other	0	0%	19	4%
Total	19	100%	520	100%

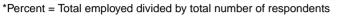


# Detailed Summary of Survey Results Simon Fraser University 11.0701: Computer science

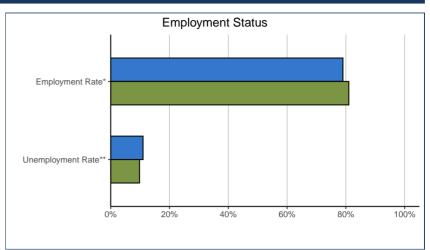


#### **EMPLOYMENT**

Labour Fource Status:	4.	1.0704	SFU		
Labour Fource Status:	T	11.0701		-0	
In Labour Force (working or seeking work)	92	91%	1,097	90%	
Not in Labour Force	9	9%	121	10%	
Total	101	100%	1,218	100%	
Employment:	1′	11.0701		FU	
Employment Rate*	83	81%	976	79%	
Unemployment Rate**	9	9.8%	121	11.0%	



<sup>\*\*</sup>Percent = Total unemployed divided by total number in labour force

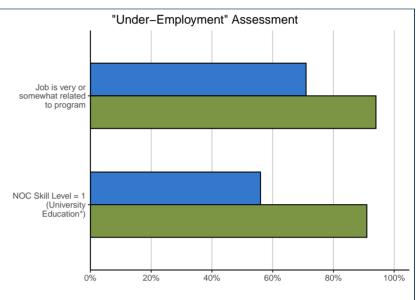


Status of Graduates NOT in Labour Force:	11.0701		SFU	
Attending School FT	8	89%	86	71%
Attending School PT	0	0%	5	4%
Other	1	11%	30	25%
Total NOT in Labour Force	9	100%	121	100%

Primary Employment Type:	11.0701		SFU	
Paid Worker	80	96%	916	94%
Self-Employed	3	4%	60	6%
Total	83	100%	976	100%

Job Characteristics:	11.0701		SFU	
I hold more than one job*	7	8%	175	18%
My main job is full-time (>= 30 hours per week)**	78	98%	812	88%

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



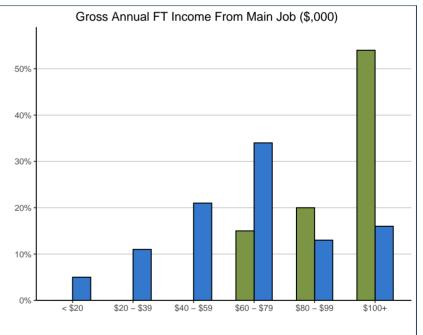
How related is your main job to your program?	11.0701		SFU	
Very Related	56	67%	339	35%
Somewhat Related	22	27%	347	36%
Not Very Related	1	1%	137	14%
Not at All Related	4	5%	150	15%
Total	83	100%	973	100%

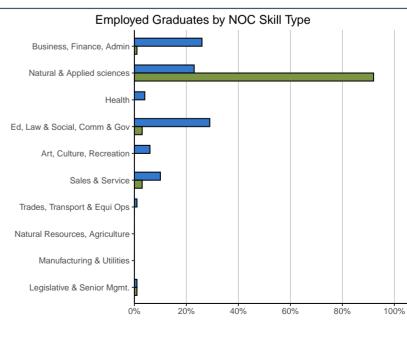
"Under-Employment" Assessment:	11.0701		SFU	
Job is very or somewhat related to program	78	94%	686	71%
NOC Skill Level = 1 (University Education)*	71	91%	504	56%

<sup>\*</sup>Of total valid responses; NOC 2021 (TEER)

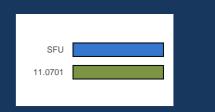
Gross Annual Income from Main Job:*	11.0701		SFU	
Less than \$20,000	0	0%	32	5%
\$20,000 to \$39,999	~	~	78	11%
\$40,000 to \$59,999	~	~	146	21%
\$60,000 to \$79,999	8	15%	237	34%
\$80,000 to \$99,999	11	20%	88	13%
\$100,000 and Above	29	54%	111	16%
Total	54	100%	692	100%
Median Annual Income (full-time) (\$)	1e+05		70,000	
Average Annual Income (full-time) (\$)	103,778		76,884	
*Where data provided				

NOC Skill Type of Main Job (NOC 2021):	11.0701		SFU	
Legislative and senior management	1	1%	5	1%
Business, finance & administration	1	1%	233	26%
Natural & applied sciences & related	72	92%	203	23%
Health	0	0%	32	4%
Education, law and social, community & government	2	3%	260	29%
Art, culture, recreation & sport	0	0%	53	6%
Sales & service	2	3%	91	10%
Trades, transport & equipment operators & related	0	0%	13	1%
Natural resources, agriculture & related production	0	0%	2	0%
Manufacturing & utilities	0	0%	2	0%
Total	78	100%	894	100%



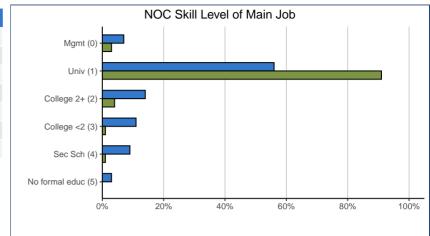


<sup>\*\*</sup>Of those who provided data on hours/week worked



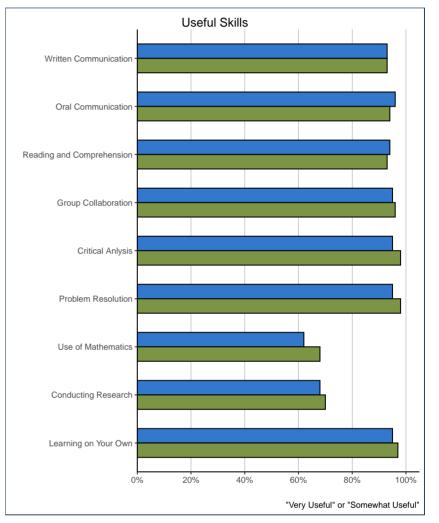
#### EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	11.0701		SFU	
0. Management	2	3%	61	7%
1. University education		91%	504	56%
2. College education/trade apprenticeship (2+ years)	3	4%	126	14%
3. College education/trade apprenticeship (<2 years)	1	1%	100	11%
4. Secondary school + job-specific training	1	1%	76	9%
5. No formal education	0	0%	27	3%
Total	78	100%	894	100%



	11.0701				
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	60%	33%	5%	2%	83
Oral Communication	78%	16%	4%	2%	83
Reading and Comprehension	73%	20%	5%	1%	83
Group Collaboration	72%	24%	2%	1%	82
Critical Anlysis	78%	20%	2%	0%	82
Problem Resolution	82%	16%	2%	0%	82
Use of Mathematics	25%	43%	17%	14%	83
Conducting Research	43%	27%	19%	11%	83
Learning on Your Own	80%	17%	2%	0%	82

		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	65%	28%	5%	2%	972	
Oral Communication	72%	24%	3%	2%	971	
Reading and Comprehension	68%	26%	5%	2%	970	
Group Collaboration	73%	22%	3%	2%	970	
Critical Anlysis	71%	24%	4%	2%	970	
Problem Resolution	73%	22%	4%	1%	969	
Use of Mathematics	26%	36%	22%	16%	951	
Conducting Research	34%	34%	19%	13%	961	
Learning on Your Own	64%	31%	3%	2%	968	



Top 10 Full-Time Occupations of 11.0701 Graduates*:		11.0701	
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
21231	1	Software engineers and designers	34%
21232	1	Software developers and programmers	28%
21211	1	Data scientists	8%
*			
*			
*			
*			
*			
*			
*			

 $<sup>^{\</sup>star}$  Data not displayed where n < 5; NOC 2021

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

Top 10 Full-Time Occupations of SFU Graduates*:			SFU
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
XXXXX	X	Unclassified occupations	7%
21231	1	Software engineers and designers	6%
41221	1	Elementary school and kindergarten teachers	5%
41220	1	Secondary school teachers	4%
21232	1	Software developers and programmers	3%
11202	1	Professional occupations in advertising, marketing and public relations	3%
42201	2	Social and community service workers	2%
11100	1	Financial auditors and accountants	2%
13110	3	Administrative assistants	2%
11200	1	Human resources professionals	2%

<sup>\*</sup> Data not displayed where n < 5; NOC 2021

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



#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	11.0701		SFU	
Personal savings, investments		31%	340	28%
Employment while studying		39%	622	51%
Family/Friends	72	74%	786	65%
Personal bank loans	2	2%	41	3%
Government student loans	22	23%	345	29%
Scholarships/Bursaries/Grants	21	22%	348	29%
Other	33	34%	280	23%
Total	97		1,208	

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

Financial Debt Incurred to Finance Bac. Ed.:*	11.0701		FU	
Incurred any form of financial debt	30	30%	440	36%
Incurred government-sponsored student loan debt	26	25%	386	31%

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



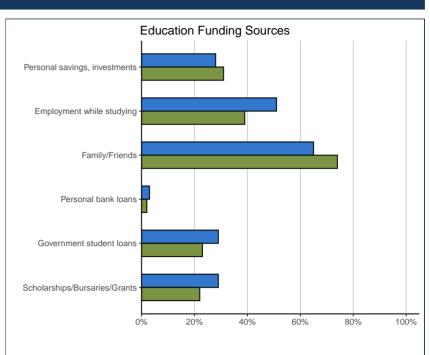
<sup>\*</sup> Includes only cases where financial debt was incurred

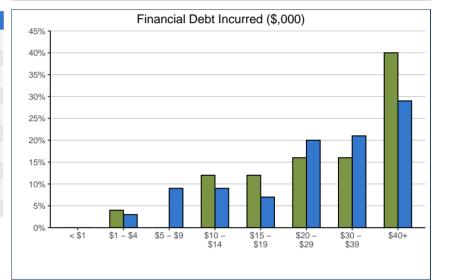


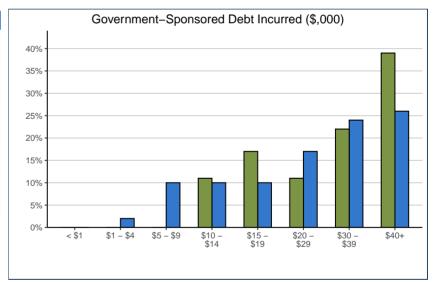
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

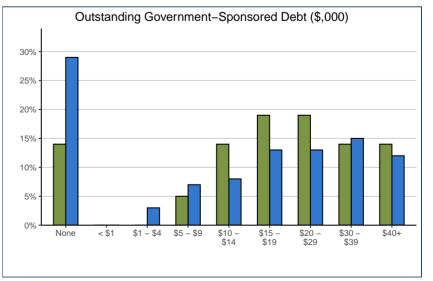


<sup>\*</sup> Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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