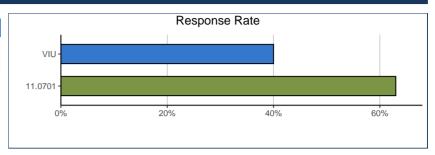
# 

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

Detailed Summary of Survey Results Vancouver Island University 11.0701: Computer science

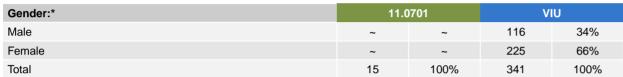
#### RESPONSE RATE

Survey Response Rate:	11.0701		V	IU
Baccalaureate Graduates Survey Cohort	24	100%	872	100%
Survey Respondents and Response Rate	15	63%	349	40%

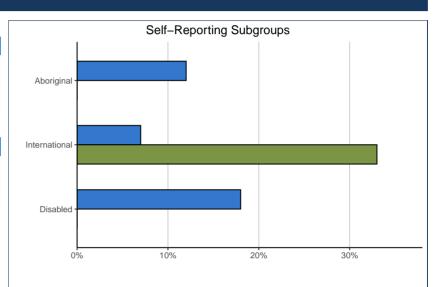


## DEMOGRAPHIC INFORMATION

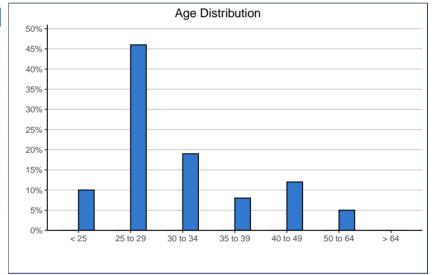
11.0701		VIU	
~	~	60	18%
5	33%	25	7%
0	0%	39	12%
	~ 5	~ ~ 5 33%	~ ~ 60 5 33% 25



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



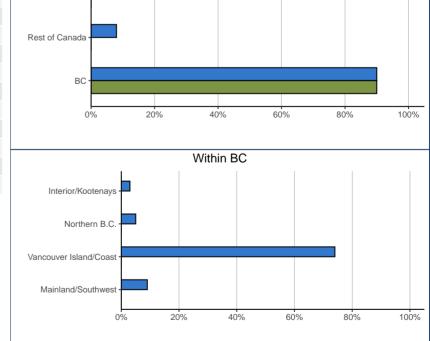
Age (at time of survey):	11.0701		VIU	
< 25	~	~	34	10%
25 to 29	~	~	160	46%
30 to 34	~	~	67	19%
35 to 39	0	0%	28	8%
40 to 49	0	0%	41	12%
50 to 64	0	0%	19	5%
> 64	0	0%	0	0%
Total	15	100%	349	100%
Median Age	26		28	
Average (mean) Age	26		32	



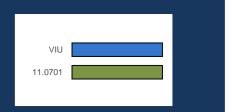
Place of Residence

USA

Place of Residence (at time of survey):	11	11.0701		VIU	
BC - Mainland/Southwest	~	~	27	9%	
BC – Vancouver Island/Coast	~	~	230	74%	
BC – Northern B.C.	0	0%	14	5%	
BC – Interior/Kootenays	0	0%	10	3%	
BC Subtotal	9	90%	281	90%	
Canada – Alberta	0	0%	9	3%	
Canada – Ontario	~	~	~	~	
Canada – Other	0	0%	14	5%	
U.S.A.	0	0%	~	~	
Non-BC Subtotal	~	~	30	10%	
Total	~	~	311	100%	





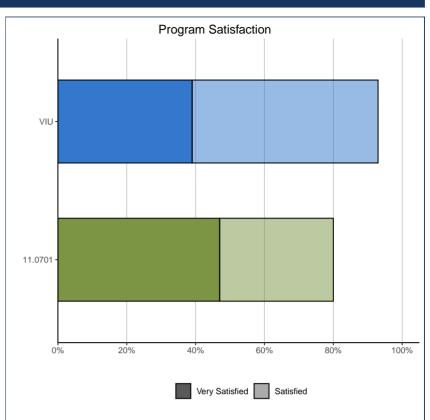


#### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	11.0701		V	IU
Very Satisfied	7	47%	136	39%
Satisfied	5	33%	187	54%
Dissatisfied	3	20%	20	6%
Very Dissatisfied	0	0%	4	1%
Total	15	100%	347	100%

11.0701		VI	IU
8	62%	151	50%
5	38%	122	40%
0	0%	22	7%
0	0%	7	2%
13	100%	302	100%
	8 5 0	8 62% 5 38% 0 0% 0 0%	8 62% 151   5 38% 122   0 0% 22   0 0% 7

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	11.0	11.0701		VIU	
Yes	5	33%	62	18%	
No	10	67%	281	82%	



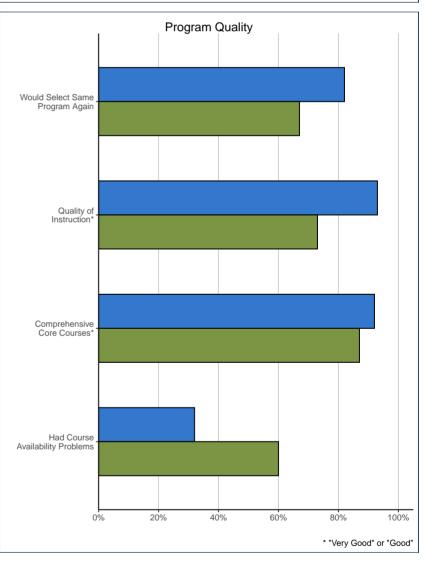
Would select the same program again:	11.0701		V	IU
Yes	10	67%	249	82%
No	5	33%	56	18%

Quality of Instruction:	11.	11.0701		VIU	
Very Good	8	53%	140	40%	
Good	3	20%	183	53%	
Poor	4	27%	22	6%	
Very Poor	0	0%	1	0%	
Total	15	100%	346	100%	

Comprehensiveness of Core Courses:	11.0	11.0701		IU
Very Good	6	40%	117	34%
Good	7	47%	201	58%
Poor	1	7%	21	6%
Very Poor	1	7%	5	1%
Total	15	100%	344	100%

Course Availability:	11.0	701	VIU	
Encountered course availability problems	9	60%	110	32%

Financial Constraints:	11.0701		V	IU
Had to interrupt studies for financial reasons	1	7%	48	14%
Had to take program part-time for financial reasons	1	7%	66	20%

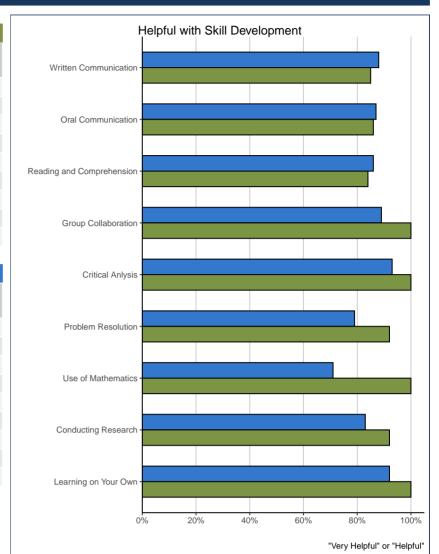




#### SKILL DEVELOPMENT

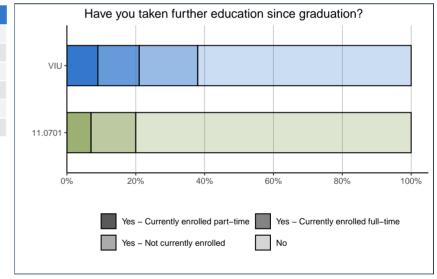
			11.0701		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	23%	62%	15%	0%	13
Oral Communication	29%	57%	14%	0%	14
Reading and Comprehension	38%	46%	15%	0%	13
Group Collaboration	54%	46%	0%	0%	13
Critical Anlysis	77%	23%	0%	0%	13
Problem Resolution	71%	21%	0%	7%	14
Use of Mathematics	62%	38%	0%	0%	13
Conducting Research	54%	38%	8%	0%	13
Learning on Your Own	71%	29%	0%	0%	14

			VIU		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	37%	51%	9%	4%	326
Oral Communication	30%	57%	10%	2%	333
Reading and Comprehension	33%	53%	12%	2%	325
Group Collaboration	36%	53%	9%	2%	338
Critical Anlysis	46%	47%	5%	1%	337
Problem Resolution	29%	50%	16%	5%	329
Use of Mathematics	25%	46%	23%	7%	224
Conducting Research	36%	47%	14%	4%	324
Learning on Your Own	37%	55%	6%	2%	332

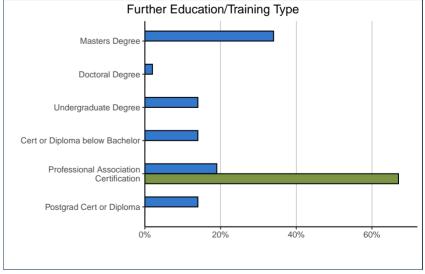


#### **FURTHER EDUCATION**

Took further education since 2021 graduation:	11.0701		VIU	
Yes	3	20%	133	38%
Not currently enrolled	2	13%	59	17%
Currently enrolled full-time	1	7%	42	12%
Currently enrolled part-time	0	0%	30	9%
No	12	80%	214	62%
Total	15	100%	347	100%



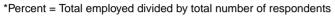
Type of Formal Post–Secondary Education:	11.	11.0701		IU
Masters Degree	0	0%	45	34%
Doctoral Degree	0	0%	3	2%
Another Undergraduate Degree	0	0%	18	14%
Certificate or Diploma below Bachelor level	0	0%	19	14%
Professional Association Certification	2	67%	25	19%
Postgraduate Certificate or Diploma	0	0%	18	14%
Other	1	33%	4	3%
Total	3	100%	132	100%



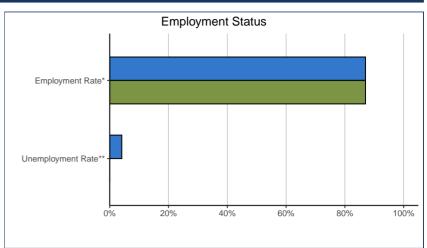


#### **EMPLOYMENT**

Labour Fource Status:	11.	11.0701		IU
In Labour Force (working or seeking work)	13	100%	317	93%
Not in Labour Force	0	0%	25	7%
Total	13	100%	342	100%
Employment:	11.	11.0701		IU
Employment Rate*	13	87%	304	87%
Unemployment Rate**	0	0.0%	13	4.1%



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

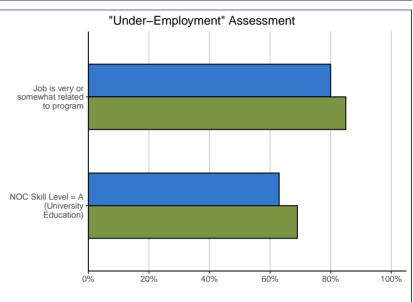


Status of Graduates NOT in Labour Force:	11.0701		VIU	
Attending School FT	0	0%	16	64%
Attending School PT	0	0%	0	0%
Other	0	0%	9	36%
Total NOT in Labour Force	0	0%	25	100%

Primary Employment Type:	11.0701		VIU	
Paid worker	13	100%	284	94%
Self-employed	0	0%	19	6%
Total	13	100%	303	100%

Job Characteristics:	11.0701		VIU	
I hold more than one job*	0	0%	64	21%
My main job is full-time (>= 30 hours per week)**	12	100%	255	89%

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



How related is your main job to your program?	11.0701		VIU	
Very Related	7	54%	175	58%
Somewhat Related	4	31%	66	22%
Not Very Related	1	8%	24	8%
Not at All Related	1	8%	38	13%
Total	13	100%	303	100%

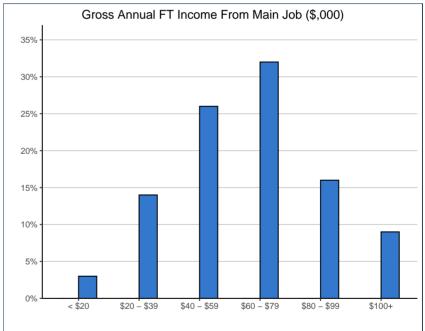
"Under-employment" Assessment:	11.0701		VIU	
Job is very or somewhat related to program	11	85%	241	80%
NOC Skill Level = A (University Education)*	9	69%	180	63%

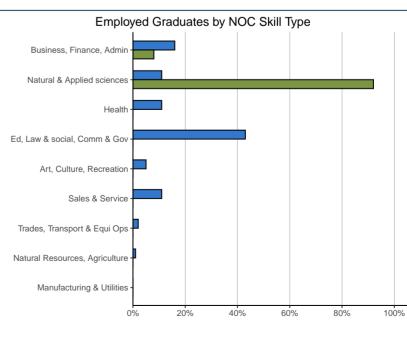
<sup>\*</sup>Of total valid responses

Gross Annual Income from Main Job:*	11.0701		VIU	
Less than \$20,000	0	0%	7	3%
\$20,000 to \$39,999	0	0%	33	14%
\$40,000 to \$59,999	~	~	62	26%
\$60,000 to \$79,999	~	~	77	32%
\$80,000 to \$99,999	~	~	37	16%
\$100,000 and Above	~	~	21	9%
Total	9	100%	237	100%
Median Annual Income (full-time) (\$)	73,200		65,090	
Average Annual Income (full-time) (\$)	74,715		67,832	

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

NOC Skill Type of Main Job:	11.	11.0701		VIU	
Business, finance & administration	1	8%	46	16%	
Natural & applied sciences & related	12	92%	32	11%	
Health	0	0%	31	11%	
Education, law and social, community & government	0	0%	122	43%	
Art, culture, recreation & sport	0	0%	13	5%	
Sales & service	0	0%	31	11%	
Trades, transport & equipment operators & related	0	0%	6	2%	
Natural resources, agriculture & related production	0	0%	4	1%	
Manufacturing & utilities	0	0%	0	0%	
Total	13	100%	285	100%	





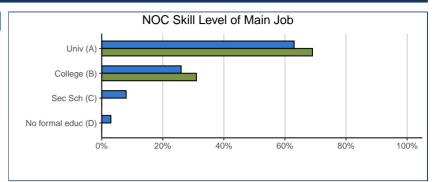
<sup>\*\*</sup>Of those who provided data on hours/week worked





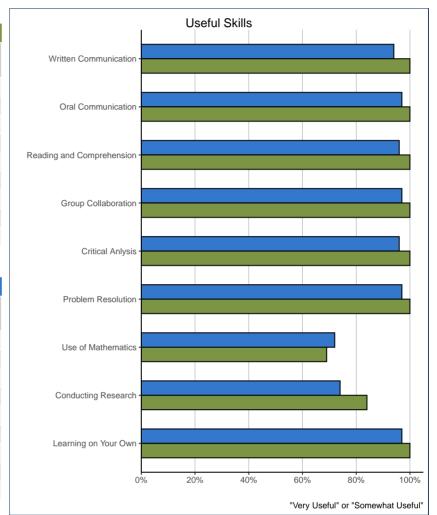
## EMPLOYMENT, continued

NOC Skill Level of Main Job:	11.0701		VIU	
A. University education		69%	180	63%
B. College education/trade apprenticeship	4	31%	74	26%
C. Secondary school + job-specific training	0	0%	24	8%
D. No formal education	0	0%	8	3%
Total	13	100%	286	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	92%	8%	0%	0%	13
Oral Communication	100%	0%	0%	0%	13
Reading and Comprehension	69%	31%	0%	0%	13
Group Collaboration	92%	8%	0%	0%	13
Critical Anlysis	85%	15%	0%	0%	13
Problem Resolution	77%	23%	0%	0%	13
Use of Mathematics	31%	38%	23%	8%	13
Conducting Research	42%	42%	17%	0%	12
Learning on Your Own	77%	23%	0%	0%	13

	VIU				
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	76%	18%	3%	3%	303
Oral Communication	86%	11%	2%	1%	303
Reading and Comprehension	79%	17%	3%	1%	303
Group Collaboration	83%	14%	2%	1%	303
Critical Anlysis	80%	16%	3%	1%	303
Problem Resolution	86%	11%	2%	1%	303
Use of Mathematics	39%	33%	15%	13%	292
Conducting Research	41%	33%	14%	12%	294
Learning on Your Own	71%	26%	2%	1%	302



Top 10 Full-time Occupations of 11.0701 Graduates:		11.0701	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2174	A	Computer programmers and interactive media developers	38%
*			
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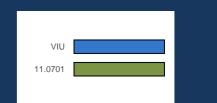
<sup>\*</sup> Data not displayed where n < 5

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

Top 10 Full-time Occupations of VIU Graduates:			VIU
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	A	Registered nurses and registered psychiatric nurses	8%
4032	Α	Elementary school and kindergarten teachers	7%
4212	В	Social and community service workers	5%
4153	Α	Family, marriage and other related counsellors	4%
403X	Α	Secondary and elementary school teachers and educational counsellors	4%
4031	Α	Secondary school teachers	3%
4152	Α	Social workers	3%
XXXX	0	Unclassified occupations	3%
1221	В	Administrative officers	3%
1111	A	Financial auditors and accountants	2%

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

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



#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	11.0701		VIU	
Personal savings, investments		36%	111	33%
Employment while studying	9	64%	181	53%
Family/Friends	11	79%	160	47%
Personal bank loans	1	7%	27	8%
Government student loans	2	14%	156	46%
Scholarships/Bursaries/Grants	3	21%	121	36%
Other	4	29%	69	20%
Total	14		340	

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

Financial Debt Incurred to Finance Bac. Ed.:*	11.0	11.0701		IU
Incurred any form of financial debt	4	29%	190	56%
Incurred government-sponsored student loan debt	2	14%	169	49%

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



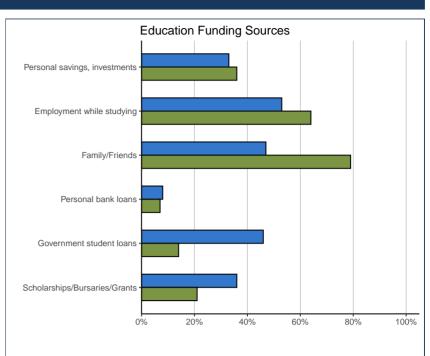
<sup>\*</sup> Includes only cases where financial debt was incurred

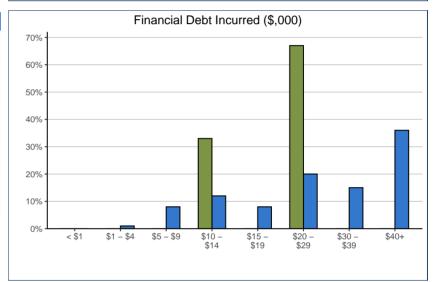


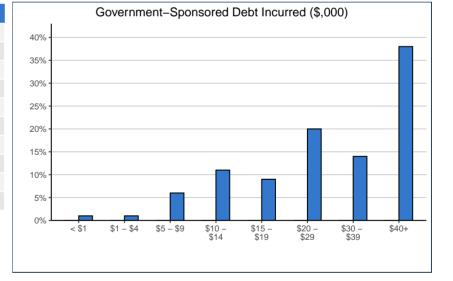
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

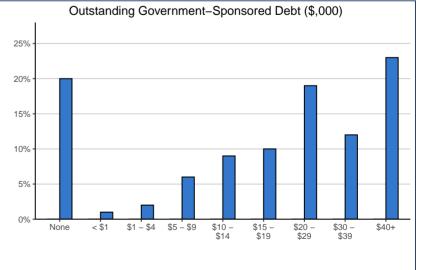


<sup>\*</sup> Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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