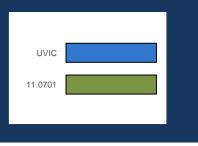
B.C. Baccalaureate Outcomes

# ☑ BC Student ☑ Outcomes

2023 Survey of 2021 Baccalaureate Graduates

Detailed Summary of Survey Results University of Victoria 11.0701: Computer science



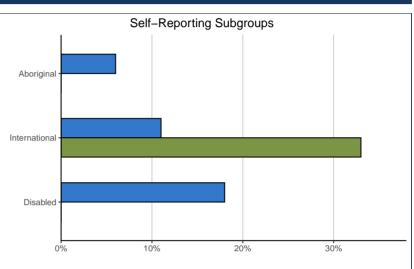
RESPONSE RATE								
Survey Response Rate:	11.	11.0701 UVIC			Res	sponse Rate		
Baccalaureate Graduates Survey Cohort	158	100%	3,377	100%	UVIC -			
Survey Respondents and Response Rate	45	28%	1,145	34%	0000			
					11.0701 -			
					0%	10%	20%	30%

### **DEMOGRAPHIC INFORMATION**

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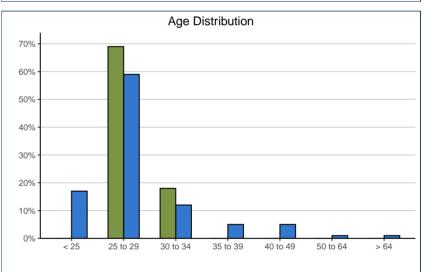
Self-Reporting Subgroups:	11.0701		UVIC	
Disabled	~	~	194	18%
International	15	33%	122	11%
Aboriginal	0	0%	58	6%

Gender:*	11.0	11.0701		UVIC	
Male	37	82%	477	42%	
Female	8	18%	668	58%	
Total	45	100%	1,145	100%	

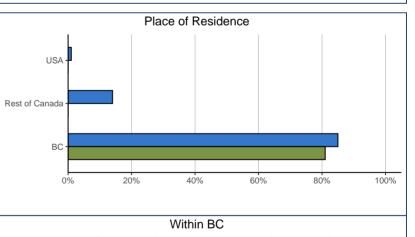


'Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.

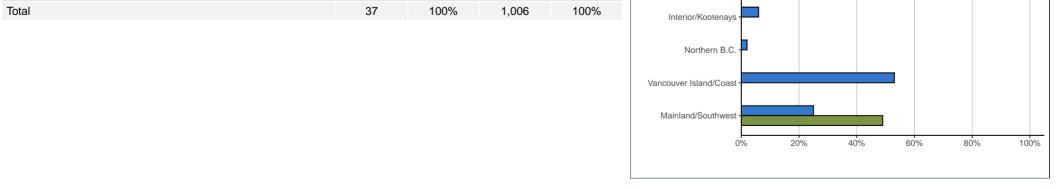
Age (at time of survey):	11.	11.0701		UVIC	
< 25	~	~	194	17%	
25 to 29	31	69%	680	59%	
30 to 34	8	18%	133	12%	
35 to 39	~	~	59	5%	
40 to 49	0	0%	57	5%	
50 to 64	~	~	16	1%	
> 64	0	0%	6	1%	
Total	45	100%	1,145	100%	
Median Age	26		26		
Average (mean) Age	28		28		



Place of Residence (at time of survey):	11.0701 U		VIC	
BC – Mainland/Southwest	18	49%	252	25%
BC – Vancouver Island/Coast	~	~	529	53%
BC – Northern B.C.	0	0%	18	2%
BC – Interior/Kootenays	~	~	59	6%
BC Subtotal	30	81%	858	85%
Canada – Alberta	~	~	67	7%
Canada – Ontario	~	~	34	3%
Canada – Other	0	0%	40	4%
U.S.A.	0	0%	7	1%
Non-BC Subtotal	7	19%	148	15%



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Detailed Summary of Survey Results University of Victoria 11.0701: Computer science

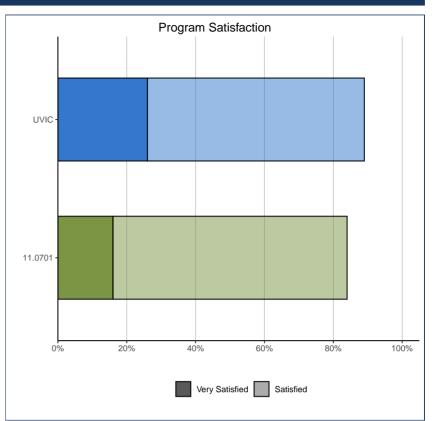


#### EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	11.0701		UVIC	
Very Satisfied	7	16%	290	26%
Satisfied	30	68%	711	63%
Dissatisfied	3	7%	112	10%
Very Dissatisfied	4	9%	21	2%
Total	44	100%	1,134	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	11.0701		UVIC	
Very Useful	12	32%	352	38%
Somewhat Useful	20	54%	447	48%
Not Very Useful	4	11%	106	11%
Not at All Useful	1	3%	29	3%
Total	37	100%	934	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	11.0701		UVIC	
Yes	7	16%	93	8%
No	36	84%	1,021	92%



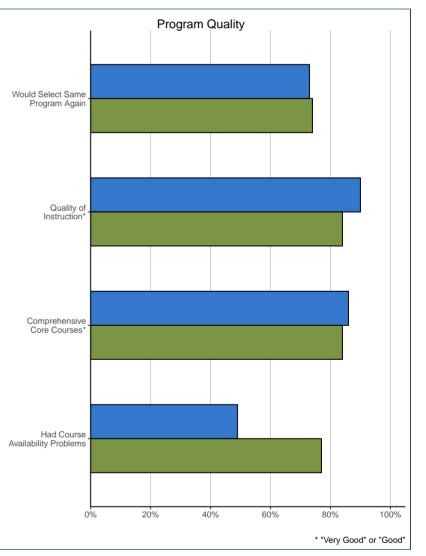
Would select the same program again:	11.0701		UVIC	
Yes	29	74%	721	73%
No	10	26%	263	27%

Quality of Instruction:	11.0701		UVIC	
Very Good	6	13%	290	26%
Good	32	71%	728	64%
Poor	5	11%	106	9%
Very Poor	2	4%	12	1%
Total	45	100%	1,136	100%

Comprehensiveness of Core Courses:	11.0701		UVIC	
Very Good	6	14%	265	24%
Good	30	70%	695	62%
Poor	5	12%	136	12%
Very Poor	2	5%	24	2%
Total	43	100%	1,120	100%

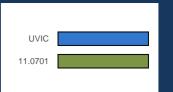
Course Availability:	11.0701		UVIC	
Encountered course availability problems	34	77%	539	49%

Financial Constraints:	11.0701		UVIC	
Had to interrupt studies for financial reasons	4	10%	135	12%
Had to take program part-time for financial reasons	8	18%	205	18%



Note:  $\sim$  indicates low cell count; data suppressed

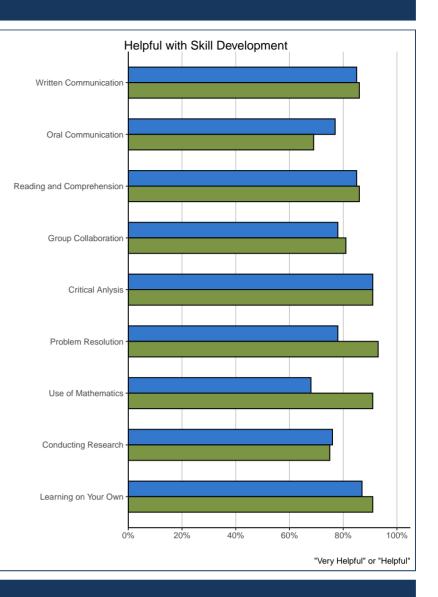
### Detailed Summary of Survey Results University of Victoria 11.0701: Computer science

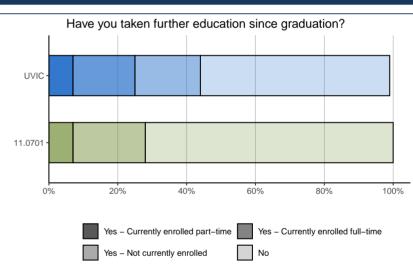


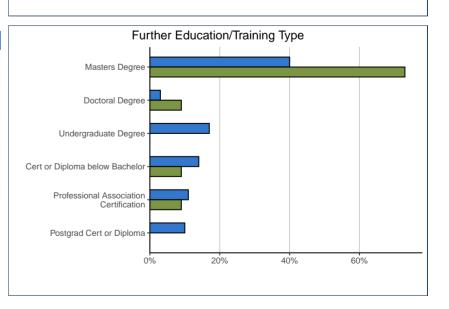
#### SKILL DEVELOPMENT

			11.0701		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	27%	59%	12%	2%	41
Oral Communication	21%	48%	26%	5%	42
Reading and Comprehension	34%	52%	9%	5%	44
Group Collaboration	36%	45%	16%	2%	44
Critical Anlysis	32%	59%	9%	0%	44
Problem Resolution	35%	58%	7%	0%	43
Use of Mathematics	43%	48%	10%	0%	42
Conducting Research	29%	46%	20%	5%	41
Learning on Your Own	53%	38%	4%	4%	45

			UVIC		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	25%	60%	14%	2%	1,115
Oral Communication	23%	54%	19%	3%	1,111
Reading and Comprehension	31%	54%	13%	1%	1,119
Group Collaboration	25%	53%	18%	3%	1,122
Critical Anlysis	43%	48%	7%	2%	1,139
Problem Resolution	22%	56%	18%	4%	1,104
Use of Mathematics	22%	46%	23%	9%	826
Conducting Research	28%	48%	20%	5%	1,082
Learning on Your Own	35%	52%	10%	3%	1,128







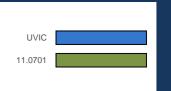
#### FURTHER EDUCATION

		UVIC	
12	28%	507	45%
9	21%	214	19%
3	7%	210	18%
0	0%	76	7%
31	72%	629	55%
43	100%	1,136	100%
	9 3 0 31	9         21%           3         7%           0         0%           31         72%	9         21%         214           3         7%         210           0         0%         76           31         72%         629

Type of Formal Post-Secondary Education:	11.0	0701	U١	/IC
Masters Degree	8	73%	199	40%
Doctoral Degree	1	9%	15	3%
Another Undergraduate Degree	0	0%	85	17%
Certificate or Diploma below Bachelor level	1	9%	72	14%
Professional Association Certification	1	9%	57	11%
Postgraduate Certificate or Diploma	0	0%	52	10%

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Other	0	0%	21	4%
Total	11	100%	501	100%

Detailed Summary of Survey Results University of Victoria 11.0701: Computer science

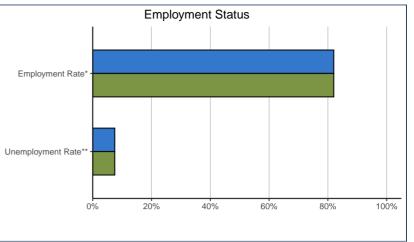


EMPLOYMENT

Labour Fource Status:	11.0701		UVIC	
In Labour Force (working or seeking work)	40	93%	1,018	91%
Not in Labour Force	3	7%	102	9%
Total	43	100%	1,120	100%
Employment:	11.0701		UVIC	
Employment Rate*	37	82%	942	82%

EmploymentConcentrationEmployment Rate\*3782%Unemployment Rate\*\*37.5%\*Percent = Total employed divided by total number of respondents

\*\*Percent = Total unemployed divided by total number in Labour Force



Status of Graduates NOT in Labour Force:	11.0701		UVIC	
Attending School FT	1	33%	64	63%
Attending School PT	0	0%	4	4%
Other	2	67%	34	33%
Total NOT in Labour Force	3	100%	102	100%

Primary Employment Type:	11.0701		UVIC	
Paid worker	36	97%	890	95%
Self-employed	1	3%	49	5%
Total	37	100%	939	100%

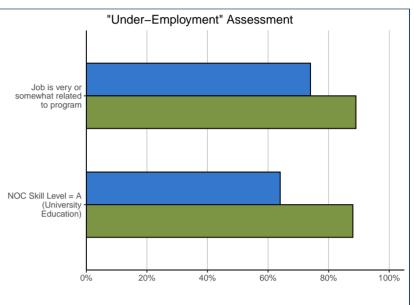
Job Characteristics:	11.0	0701	UVIC	
I hold more than one job*	6	16%	194	21%
My main job is full-time (>= 30 hours per week)**	34	100%	781	88%
*Of total Employed				

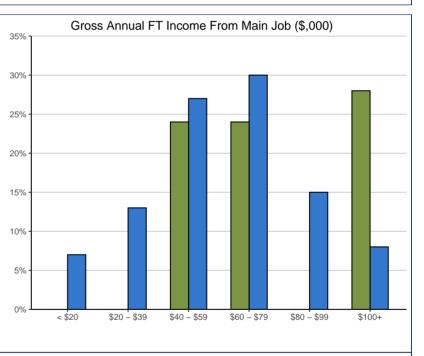


How related is your main job to your program?	11.0701		UVIC	
Very Related	22	59%	399	42%
Somewhat Related	11	30%	296	31%
Not Very Related	3	8%	128	14%
Not at All Related	1	3%	117	12%
Total	37	100%	940	100%

"Under-employment" Assessment:	11.0701		U٧	/IC
Job is very or somewhat related to program	33	89%	695	74%
NOC Skill Level = A (University Education)*	30	88%	563	64%
*Of total valid responses				

Gross Annual Income from Main Job:*	11	11.0701		/IC
Less than \$20,000	0	0%	50	7%
\$20,000 to \$39,999	~	~	98	13%
\$40,000 to \$59,999	6	24%	197	27%
\$60,000 to \$79,999	6	24%	226	30%
\$80,000 to \$99,999	~	~	111	15%
\$100,000 and Above	7	28%	61	8%
Total	25	100%	743	100%
Median Annual Income (full-time) (\$)	77,000		65,567	
Average Annual Income (full-time) (\$)	83,629		68,764	
*Where data provided				

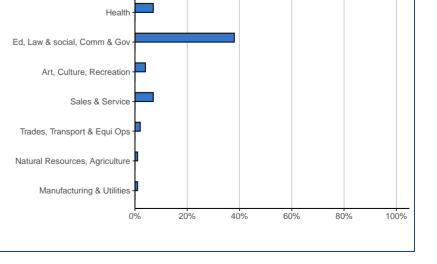






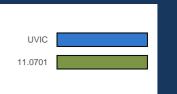
Natural & Applied sciences

NOC Skill Type of Main Job:	11.	11.0701		/IC
Business, finance & administration	1	3%	177	20%
Natural & applied sciences & related	33	97%	190	22%
Health	0	0%	64	7%
Education, law and social, community & government	0	0%	330	38%
Art, culture, recreation & sport	0	0%	31	4%
Sales & service	0	0%	60	7%
Trades, transport & equipment operators & related	0	0%	18	2%
Natural resources, agriculture & related production	0	0%	5	1%
Manufacturing & utilities	0	0%	5	1%
Total	34	100%	880	100%

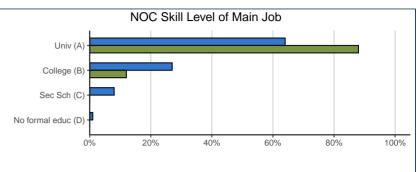


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### Detailed Summary of Survey Results University of Victoria 11.0701: Computer science

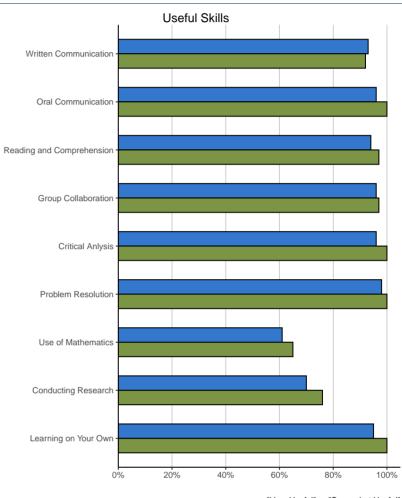


#### EMPLOYMENT, continued NOC Skill Level of Main Job: 11.0701 UVIC A. University education 30 88% 563 64% B. College education/trade apprenticeship 4 12% 237 27% C. Secondary school + job-specific training 0 0% 73 8% D. No formal education 0 8 0% 1% Total 34 100% 881 100%



			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	68%	24%	3%	5%	37
Oral Communication	78%	22%	0%	0%	37
Reading and Comprehension	70%	27%	3%	0%	37
Group Collaboration	81%	16%	0%	3%	37
Critical Anlysis	78%	22%	0%	0%	37
Problem Resolution	86%	14%	0%	0%	37
Use of Mathematics	27%	38%	27%	8%	37
Conducting Research	46%	30%	19%	5%	37
Learning on Your Own	76%	24%	0%	0%	37

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	72%	21%	4%	3%	933
Oral Communication	80%	16%	2%	1%	935
Reading and Comprehension	72%	22%	4%	1%	935
Group Collaboration	81%	15%	3%	1%	934
Critical Anlysis	78%	18%	3%	1%	935
Problem Resolution	84%	14%	2%	1%	934
Use of Mathematics	26%	35%	23%	16%	911
Conducting Research	37%	33%	18%	11%	923
Learning on Your Own	71%	24%	3%	2%	932



#### "Very Useful" or "Somewhat Useful"

Top 10 Full-time O	ccupations of 11.0701 G	raduates:	11.0701
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2174	A	Computer programmers and interactive media developers	43%
2173	А	Software engineers and designers	24%
*			
*			
*			
*			
*			
*			
*			
*			
* Data not diaplayed y			

\* Data not displayed where n < 5

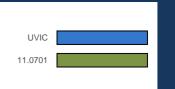
\*\* Percentages cited are of those employed

	· · · · · · · · · · · · · · · ·		
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
4212	В	Social and community service workers	5%
XXXX	0	Unclassified occupations	4%
4152	A	Social workers	4%
3012	A	Registered nurses and registered psychiatric nurses	4%
2174	A	Computer programmers and interactive media developers	3%
4112	А	Lawyers and Quebec notaries	3%
2132	A	Mechanical engineers	3%
4032	А	Elementary school and kindergarten teachers	2%
2173	A	Software engineers and designers	2%
1123	A	Professional occupations in advertising, marketing and public relations	2%
* Data not disp	laved where $n < 5$		

\* Data not displayed where n < 5

\*\* Percentages cited are of those employed

Detailed Summary of Survey Results University of Victoria 11.0701: Computer science

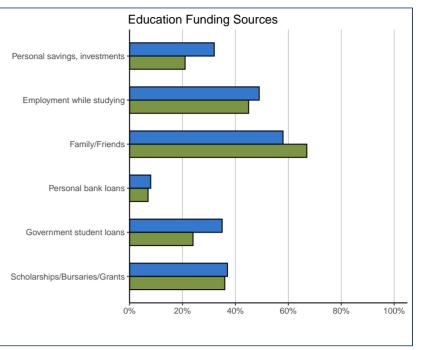


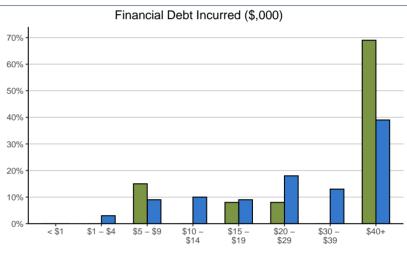
#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	11.	11.0701		/IC
Personal savings, investments	9	21%	353	32%
Employment while studying	19	45%	545	49%
Family/Friends	28	67%	647	58%
Personal bank loans	3	7%	87	8%
Government student loans	10	24%	393	35%
Scholarships/Bursaries/Grants	15	36%	418	37%
Other	17	40%	345	31%
Total	42		1,117	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	11.0	11.0701		/IC
Incurred any form of financial debt	16	16 38%		46%
Incurred government-sponsored student loan debt	10	23%	440	39%
* Percentage of respondents who provided data				

Financial Debt Amount:*	11.0701		UVIC	
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	0	0%	11	3%
\$5,000 to \$9,999	2	15%	37	9%
\$10,000 to \$14,999	0	0%	42	10%
\$15,000 to \$19,999	1	8%	40	9%
\$20,000 to \$29,999	1	8%	78	18%
\$30,000 to \$39,999	0	0%	57	13%
\$40,000 or More	9	69%	166	39%
Total	13	100%	431	100%
Median Financial Debt (\$)	40,000		30,000	



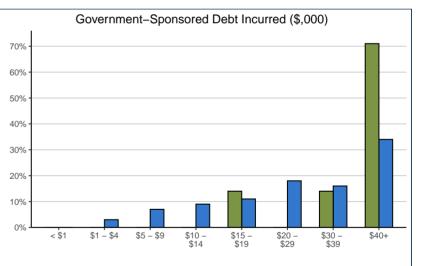


<sup>\*</sup> Includes only cases where financial debt was incurred

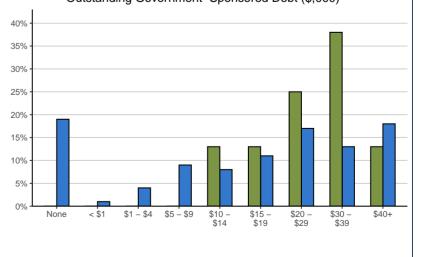
Gov't-Sponsored Student Loan Debt Amount:*	11.0	11.0701 UVIC		VIC
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	0	0%	10	3%
\$5,000 to \$9,999	0	0%	24	7%
\$10,000 to \$14,999	0	0%	30	9%
\$15,000 to \$19,999	1	14%	37	11%
\$20,000 to \$29,999	0	0%	60	18%
\$30,000 to \$39,999	1	14%	53	16%
\$40,000 or More	5	71%	112	34%
Total	7	100%	326	100%
Median Gov't-Sponsored Loan Debt (\$)	40,000		30,000	

\* Includes only cases where government-sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	11.0	11.0701		/IC
None – Loan repaid in full	0	0%	69	19%
< \$1,000	0	0%	4	1%
\$1,000 to \$4,999	0	0%	13	4%
\$5,000 to \$9,999	0	0%	34	9%
\$10,000 to \$14,999	1	13%	30	8%
\$15,000 to \$19,999	1	13%	41	11%
\$20,000 to \$29,999	2	25%	60	17%
\$30,000 to \$39,999	3	38%	46	13%
\$40,000 or More	1	13%	66	18%
Total	8	100%	363	100%
Median Gov't-Sponsored Loan Debt Outstanding** (\$)	27,500		23,500	



Outstanding Government–Sponsored Debt (\$,000)



\* 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