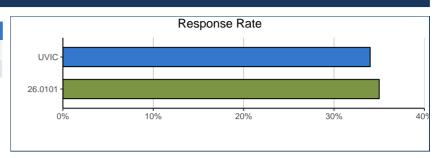


### B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

Detailed Summary of Survey Results
University of Victoria
26.0101: Biology/biological sciences, general

### RESPONSE RATE

Survey Response Rate:	26.0101		UVIC	
Baccalaureate Graduates Survey Cohort	158	100%	3,377	100%
Survey Respondents and Response Rate	56	35%	1,145	34%

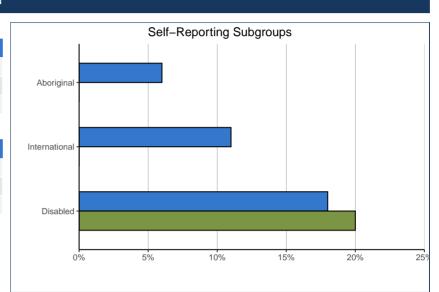


#### DEMOGRAPHIC INFORMATION

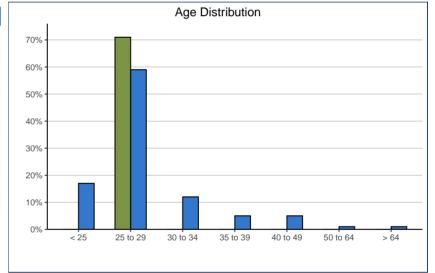
Self-Reporting Subgroups:	26.0101		UVIC	
Disabled	10	20%	194	18%
International	~	~	122	11%
Aboriginal	~	~	58	6%

Gender:*	26.0101		UVIC	
Male	16	29%	477	42%
Female	40	71%	668	58%
Total	56	100%	1,145	100%

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



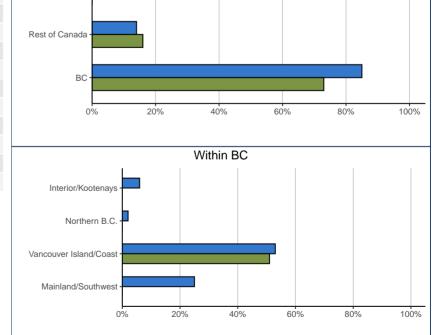
Age (at time of survey):	26.0101		UVIC	
< 25	~	~	194	17%
25 to 29	40	71%	680	59%
30 to 34	~	~	133	12%
35 to 39	0	0%	59	5%
40 to 49	~	~	57	5%
50 to 64	0	0%	16	1%
> 64	0	0%	6	1%
Total	56	100%	1,145	100%
Median Age	26		26	
Average (mean) Age	26		28	



Place of Residence

USA

Place of Residence (at time of survey):	26.0101		UVIC	
BC – Mainland/Southwest	~ ~		252	25%
BC - Vancouver Island/Coast	25	51%	529	53%
BC – Northern B.C.	~	~	18	2%
BC – Interior/Kootenays	~	~	59	6%
BC Subtotal	36	73%	858	85%
Canada – Alberta	8	16%	67	7%
Canada – Ontario	~	~	34	3%
Canada – Other	~	~	40	4%
U.S.A.	~	~	7	1%
Non-BC Subtotal	13	27%	148	15%
Total	49	100%	1,006	100%





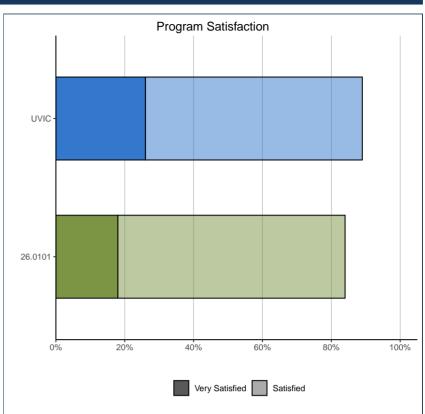


#### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	26.0101		UVIC	
Very Satisfied	10	18%	290	26%
Satisfied	37	66%	711	63%
Dissatisfied	9	16%	112	10%
Very Dissatisfied	0	0%	21	2%
Total	56	100%	1,134	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	26.0101		UVIC	
Very Useful	12	26%	352	38%
Somewhat Useful	29	63%	447	48%
Not Very Useful	5	11%	106	11%
Not at All Useful	0	0%	29	3%
Total	46	100%	934	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	26.0	26.0101		UVIC	
Yes	3	5%	93	8%	
No	52	95%	1,021	92%	



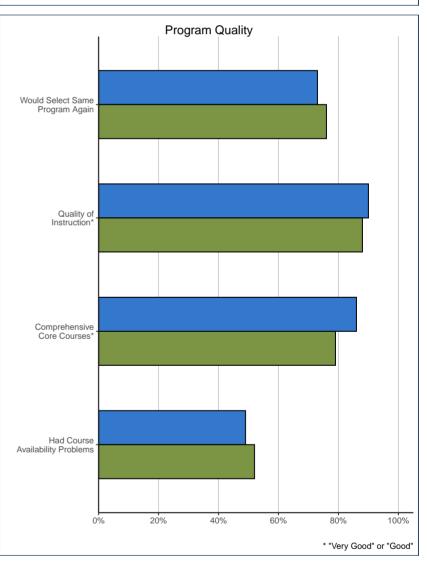
Would select the same program again:	26.0101		UVIC	
Yes	38	76%	721	73%
No	12	24%	263	27%

Quality of Instruction:	26.0101		UVIC	
Very Good	11	20%	290	26%
Good	38	68%	728	64%
Poor	7	13%	106	9%
Very Poor	0	0%	12	1%
Total	56	100%	1,136	100%

Comprehensiveness of Core Courses:	26.	26.0101		UVIC	
Very Good	10	18%	265	24%	
Good	34	61%	695	62%	
Poor	11	20%	136	12%	
Very Poor	1	2%	24	2%	
Total	56	100%	1.120	100%	

Course Availability:	26.0	101	LIV.	/IC
Course Availability.	20.0101		OVIC	
Encountered course availability problems	28 52%		539	49%

Financial Constraints:	26.0101		U\	/IC
Had to interrupt studies for financial reasons	8	15%	135	12%
Had to take program part-time for financial reasons	12	22%	205	18%



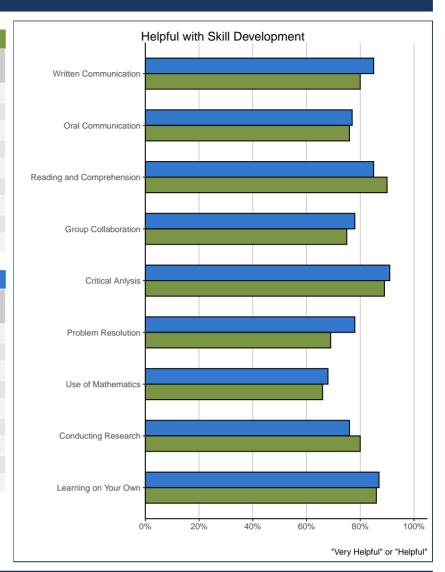




#### SKILL DEVELOPMENT

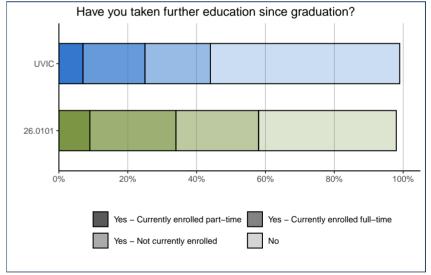
			26.0101		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	32%	48%	14%	5%	56
Oral Communication	18%	58%	22%	2%	55
Reading and Comprehension	38%	52%	11%	0%	56
Group Collaboration	22%	53%	20%	5%	55
Critical Anlysis	34%	55%	11%	0%	56
Problem Resolution	16%	53%	27%	4%	51
Use of Mathematics	11%	55%	25%	9%	55
Conducting Research	30%	50%	17%	4%	54
Learning on Your Own	36%	50%	11%	4%	56

			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

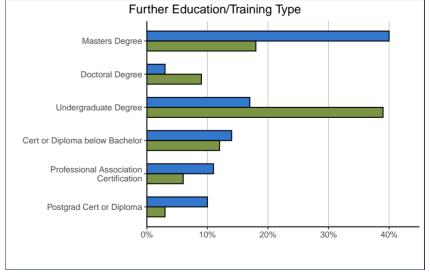


#### **FURTHER EDUCATION**

Took further education since 2021 graduation:	26.0101		UVIC	
Yes	33	60%	507	45%
Not currently enrolled	13	24%	214	19%
Currently enrolled full-time	14	25%	210	18%
Currently enrolled part-time	5	9%	76	7%
No	22	40%	629	55%
Total	55	100%	1,136	100%



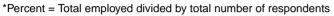
Type of Formal Post–Secondary Education:	26.	26.0101		/IC
Masters Degree	6	18%	199	40%
Doctoral Degree	3	9%	15	3%
Another Undergraduate Degree	13	39%	85	17%
Certificate or Diploma below Bachelor level	4	12%	72	14%
Professional Association Certification	2	6%	57	11%
Postgraduate Certificate or Diploma	1	3%	52	10%
Other	4	12%	21	4%
Total	33	100%	501	100%



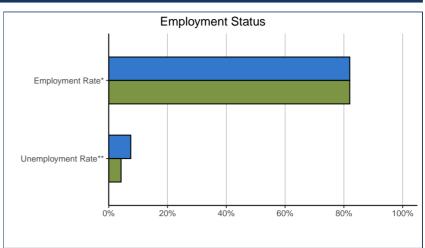


#### **EMPLOYMENT**

Labour Fource Status:	26.	26.0101		/IC
In Labour Force (working or seeking work)	48	89%	1,018	91%
Not in Labour Force	6	11%	102	9%
Total	54	100%	1,120	100%
Employment:	26.	26.0101		/IC
Employment Rate*	46	82%	942	82%
Unemployment Rate**	2	4.2%	76	7.5%



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

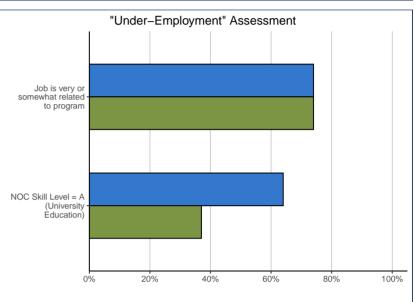


Status of Graduates NOT in Labour Force:	26.0101		UVIC	
Attending School FT	4	67%	64	63%
Attending School PT	0	0%	4	4%
Other	2	33%	34	33%
Total NOT in Labour Force	6	100%	102	100%

Primary Employment Type:	26.0101		U\	/IC
Paid worker	45	98%	890	95%
Self-employed	1	2%	49	5%
Total	46	100%	939	100%

Job Characteristics:	26.0101		U\	/IC
I hold more than one job*	15	33%	194	21%
My main job is full-time (>= 30 hours per week)**	38	88%	781	88%

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



How related is your main job to your program?	26.0101		U۱	/IC
Very Related	12	26%	399	42%
Somewhat Related	22	48%	296	31%
Not Very Related	7	15%	128	14%
Not at All Related	5	11%	117	12%
Total	46	100%	940	100%

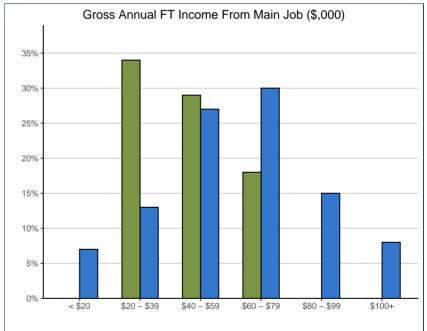
"Under-employment" Assessment:	26.0101		UVIC	
Job is very or somewhat related to program	34	74%	695	74%
NOC Skill Level = A (University Education)*	15	37%	563	64%

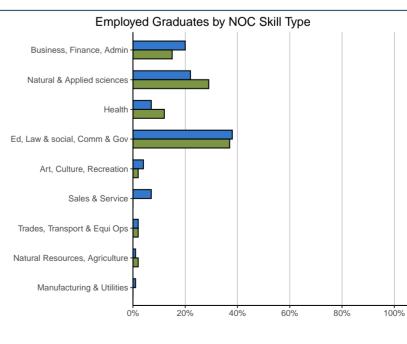
<sup>\*</sup>Of total valid responses

Gross Annual Income from Main Job:*	26.	26.0101		/IC
Less than \$20,000	~	~	50	7%
\$20,000 to \$39,999	13	34%	98	13%
\$40,000 to \$59,999	11	29%	197	27%
\$60,000 to \$79,999	7	18%	226	30%
\$80,000 to \$99,999	~	~	111	15%
\$100,000 and Above	~	~	61	8%
Total	38	100%	743	100%
Median Annual Income (full-time) (\$)	53,346		65,567	
Average Annual Income (full-time) (\$)	56,219		68,764	

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

NOC Skill Type of Main Job:	26.0	0101	UVIC	
Business, finance & administration	6	15%	177	20%
Natural & applied sciences & related	12	29%	190	22%
Health	5	12%	64	7%
Education, law and social, community & government	15	37%	330	38%
Art, culture, recreation & sport	1	2%	31	4%
Sales & service	0	0%	60	7%
Trades, transport & equipment operators & related	1	2%	18	2%
Natural resources, agriculture & related production	1	2%	5	1%
Manufacturing & utilities	0	0%	5	1%
Total	41	100%	880	100%





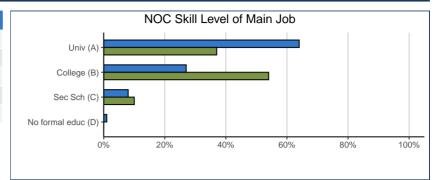
<sup>\*\*</sup>Of those who provided data on hours/week worked





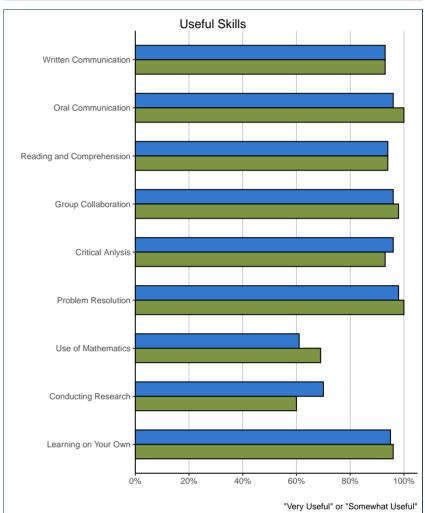
#### EMPLOYMENT, continued

NOC Skill Level of Main Job:	26.0	0101	UVIC	
A. University education	15 37%		563	64%
B. College education/trade apprenticeship	22	54%	237	27%
C. Secondary school + job-specific training	4	10%	73	8%
D. No formal education	0	0%	8	1%
Total	41	100%	881	100%



			26.0101		
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	71%	22%	4%	2%	45
Oral Communication	84%	16%	0%	0%	45
Reading and Comprehension	76%	18%	7%	0%	45
Group Collaboration	82%	16%	2%	0%	45
Critical Anlysis	71%	22%	7%	0%	45
Problem Resolution	84%	16%	0%	0%	45
Use of Mathematics	29%	40%	18%	13%	45
Conducting Research	38%	22%	27%	13%	45
Learning on Your Own	56%	40%	2%	2%	45

			UVIC		
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



Top 10 Full-ti	op 10 Full-time Occupations of 26.0101 Graduates:		26.0101
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2221	В	Biological technologists and technicians	13%
*			
*			
*			
*			
*			
*			
*			
*			
*			

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

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

Top 10 Full-time	e Occupations of UVIC Gr	aduates:	UVIC
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	A	Lawyers and Quebec notaries	3%
2132	A	Mechanical engineers	3%
4032	A	Elementary school and kindergarten teachers	2%
2173	A	Software engineers and designers	2%
1123	Α	Professional occupations in advertising, marketing and public relations	2%

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

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



#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	26.0101		U\	/IC
Personal savings, investments	Personal savings, investments 21 40%		353	32%
Employment while studying		46%	545	49%
Family/Friends	32	62%	647	58%
Personal bank loans	2	4%	87	8%
Government student loans	17	33%	393	35%
Scholarships/Bursaries/Grants	21	40%	418	37%
Other	15	29%	345	31%
Total	52		1,117	

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

Financial Debt Incurred to Finance Bac. Ed.:*	26.0101		UVIC	
Incurred any form of financial debt	24 45%		523	46%
Incurred government-sponsored student loan debt	22	41%	440	39%

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



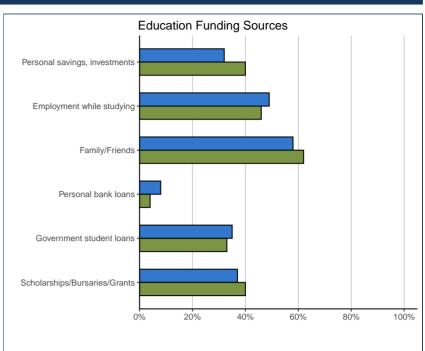
<sup>\*</sup> Includes only cases where financial debt was incurred

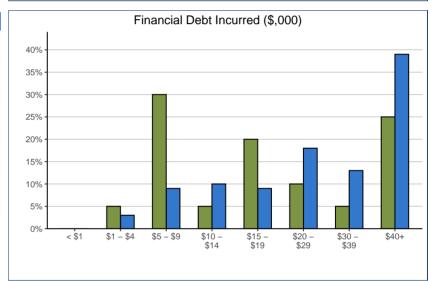


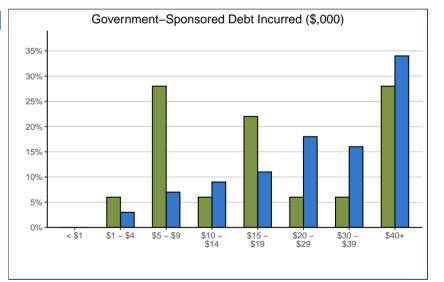
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

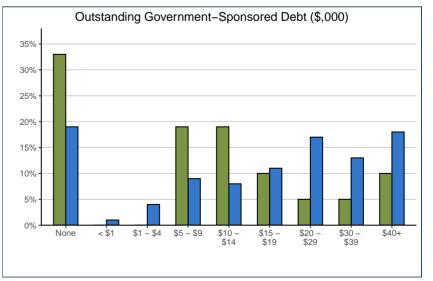
Gov't-Sponsored Loan Debt Outstanding:*	26.0	26.0101		UVIC	
None – Loan repaid in full	7	33%	69	19%	
< \$1,000	0	0%	4	1%	
\$1,000 to \$4,999	0	0%	13	4%	
\$5,000 to \$9,999	4	19%	34	9%	
\$10,000 to \$14,999	4	19%	30	8%	
\$15,000 to \$19,999	2	10%	41	11%	
\$20,000 to \$29,999	1	5%	60	17%	
\$30,000 to \$39,999	1	5%	46	13%	
\$40,000 or More	2	10%	66	18%	
Total	21	100%	363	100%	
Median Gov't-Sponsored Loan Debt Outstanding** (\$)	12,169		23,500		

<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