

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

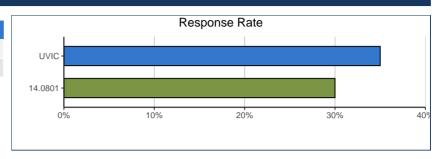
of Survey Results

of Victoria
neering, general

Detailed Summary of Survey Results
University of Victoria
14.0801: Civil engineering, general

#### RESPONSE RATE

Survey Response Rate:	14.0801		UVIC	
Baccalaureate Graduates Survey Cohort	54	100%	3,286	100%
Survey Respondents and Response Rate	16	30%	1,158	35%

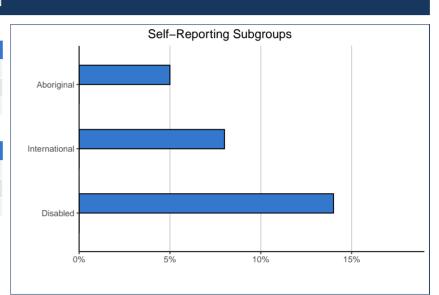


#### DEMOGRAPHIC INFORMATION

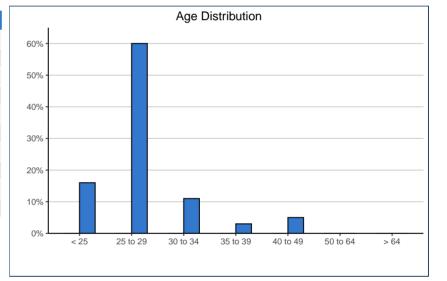
Self-Reporting Subgroups:	14.0801		UVIC	
Disabled	0	0%	152	14%
International	~	~	94	8%
Aboriginal	~	~	52	5%

Gender:*	14.0	14.0801		UVIC	
Male	10	63%	448	39%	
Female	6	38%	710	61%	
Total	16	100%	1,158	100%	

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

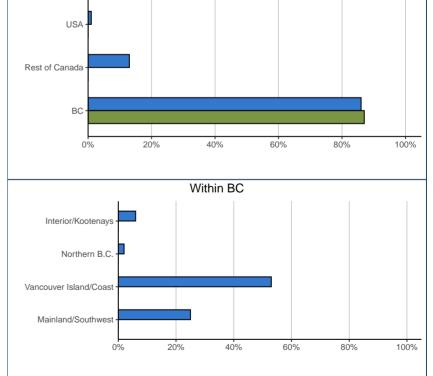


Age (at time of survey):	14.0801		UVIC	
< 25	~	~	190	16%
25 to 29	~	~	699	60%
30 to 34	~	~	133	11%
35 to 39	0	0%	39	3%
40 to 49	0	0%	59	5%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	16	100%	1,158	100%
Median Age	26		26	
Average (mean) Age	26		29	



Place of Residence

Place of Residence (at time of survey):	14.0801		UVIC	
BC - Mainland/Southwest	~	~	250	25%
BC - Vancouver Island/Coast	~	~	532	53%
BC – Northern B.C.	0	0%	22	2%
BC – Interior/Kootenays	~	~	60	6%
BC Subtotal	13	87%	864	86%
Canada – Alberta	~	~	62	6%
Canada – Ontario	0	0%	41	4%
Canada – Other	0	0%	35	3%
U.S.A.	~	~	7	1%
Non-BC Subtotal	~	~	145	14%
Total	~	~	1,009	100%



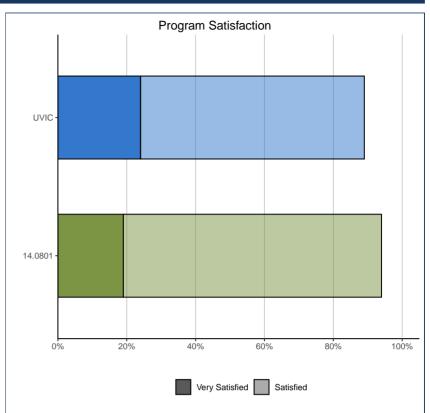


#### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	14.0801		UVIC	
Very Satisfied	3	19%	272	24%
Satisfied	12	75%	745	65%
Dissatisfied	1	6%	105	9%
Very Dissatisfied	0	0%	22	2%
Total	16	100%	1,144	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.0801		UVIC	
Very Useful	7	44%	363	39%
Somewhat Useful	8	50%	418	45%
Not Very Useful	1	6%	122	13%
Not at All Useful	0	0%	34	4%
Total	16	100%	937	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.0	14.0801		UVIC	
Yes	0	0%	102	9%	
No	15	100%	1.030	91%	



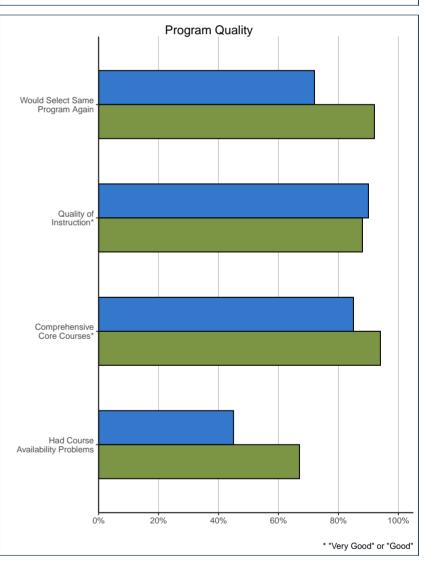
Would select the same program again:	14.0801		UVIC	
Yes	11	92%	738	72%
No	1	8%	282	28%

Quality of Instruction:	14.0	14.0801		UVIC	
Very Good	2	13%	298	26%	
Good	12	75%	741	64%	
Poor	2	13%	95	8%	
Very Poor	0	0%	19	2%	
Total	16	100%	1.153	100%	

Comprehensiveness of Core Courses:	14.	14.0801		UVIC	
Very Good	2	13%	253	22%	
Good	13	81%	717	63%	
Poor	1	6%	153	13%	
Very Poor	0	0%	18	2%	
Total	16	100%	1.141	100%	

Course Availability:	14.0801		UVIC	
Encountered course availability problems	10	67%	503	45%

Financial Constraints:	14.0801		U\	/IC
Had to interrupt studies for financial reasons	0	0%	130	11%
Had to take program part-time for financial reasons	0	0%	219	19%

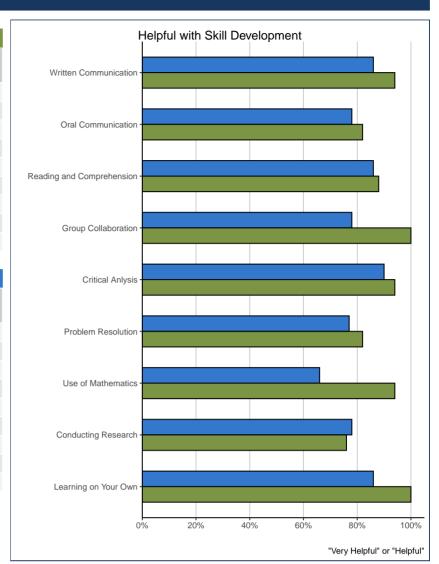




#### SKILL DEVELOPMENT

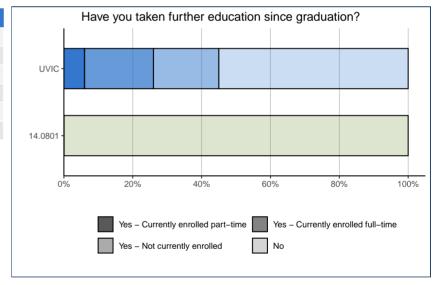
			14.0801		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	13%	81%	6%	0%	16
Oral Communication	13%	69%	19%	0%	16
Reading and Comprehension	19%	69%	13%	0%	16
Group Collaboration	19%	81%	0%	0%	16
Critical Anlysis	19%	75%	6%	0%	16
Problem Resolution	13%	69%	13%	6%	16
Use of Mathematics	31%	63%	6%	0%	16
Conducting Research	13%	63%	19%	6%	16
Learning on Your Own	31%	69%	0%	0%	16

			UVIC		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	28%	58%	13%	2%	1,123
Oral Communication	24%	54%	19%	3%	1,130
Reading and Comprehension	30%	56%	13%	1%	1,134
Group Collaboration	25%	53%	19%	4%	1,132
Critical Anlysis	42%	48%	8%	2%	1,153
Problem Resolution	22%	55%	19%	4%	1,123
Use of Mathematics	22%	44%	24%	10%	843
Conducting Research	29%	49%	18%	4%	1,101
Learning on Your Own	38%	48%	11%	2%	1,136

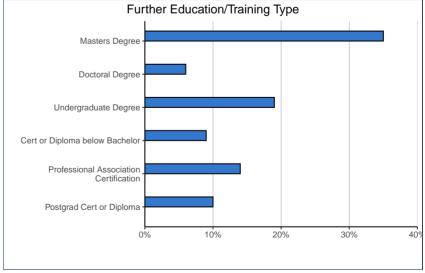


#### **FURTHER EDUCATION**

Took further education since 2020 graduation:	14.0801		UVIC	
Yes	0	0%	515	45%
Not currently enrolled	0	0%	215	19%
Currently enrolled full-time	0	0%	227	20%
Currently enrolled part-time	0	0%	69	6%
No	15	100%	634	55%
Total	15	100%	1,149	100%



Type of Formal Post–Secondary Education:	14.	14.0801		/IC
Masters Degree	0	0%	180	35%
Doctoral Degree	0	0%	28	6%
Another Undergraduate Degree	0	0%	98	19%
Certificate or Diploma below Bachelor level	0	0%	47	9%
Professional Association Certification	0	0%	71	14%
Postgraduate Certificate or Diploma	0	0%	53	10%
Other	0	0%	31	6%
Total	0	0%	508	100%





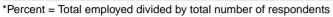
#### **EMPLOYMENT**

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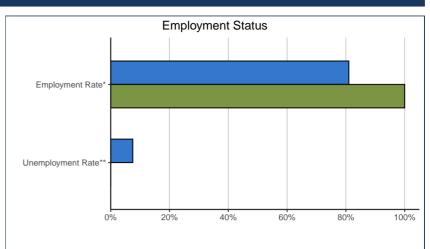
7.5%

0.0%

Labour Fource Status:	14.0801		UVIC			
In Labour Force (working or seeking work)	16	100%	1,016	90%		
Not in Labour Force	0	0%	116	10%		
Total	16	100%	1,132	100%		
Employment:	14.0801		14.0801 L		U\	/IC
Employment Rate*	16	100%	940	81%		



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



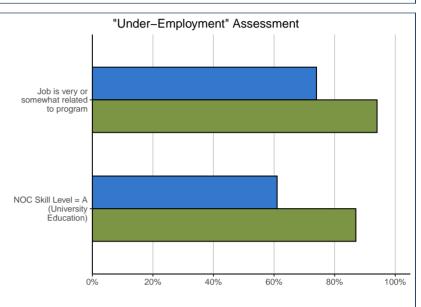
Status of Graduates NOT in Labour Force:	14.0801		UVIC	
Attending School FT	0	0%	87	75%
Attending School PT	0	0%	3	3%
Other	0	0%	26	22%
Total NOT in Labour Force	0	0%	116	100%

Primary Employment Type:	14.0801		14.0801		UV	/IC
Paid worker	16	100%	886	94%		
Self-employed	0	0%	53	6%		
Total	16	100%	939	100%		

Job Characteristics:	14.	14.0801		/IC
I hold more than one job*	0	0%	196	21%
My main job is full-time (>= 30 hours per week)**	15	100%	781	87%

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

Unemployment Rate\*\*



How related is your main job to your program?	14.0801		UVIC	
Very Related	10	63%	393	42%
Somewhat Related	5	31%	297	32%
Not Very Related	1	6%	126	13%
Not at All Related	0	0%	122	13%
Total	16	100%	938	100%

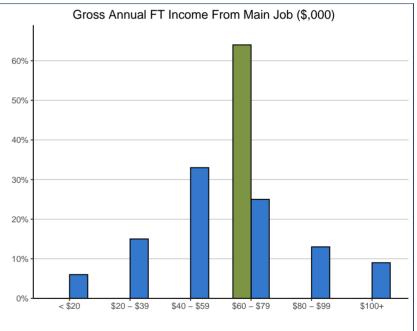
"Under-employment" Assessment:	14.0801		UVIC	
Job is very or somewhat related to program	15	94%	690	74%
NOC Skill Level = A (University Education)*	13	87%	547	61%

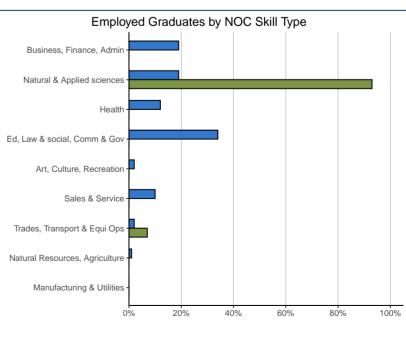
<sup>\*</sup>Of total valid responses

Gross Annual Income from Main Job:*	14.0801		UVIC	
Less than \$20,000	0	0%	46	6%
\$20,000 to \$39,999	0	0%	111	15%
\$40,000 to \$59,999	0	0%	251	33%
\$60,000 to \$79,999	9	64%	187	25%
\$80,000 to \$99,999	~	~	95	13%
\$100,000 and Above	~	~	69	9%
Total	14	100%	759	100%
Median Annual Income (full-time) (\$)	75,949		60,000	
Average Annual Income (full-time) (\$)	80,286		66,211	

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

NOC Skill Type of Main Job:	14.	14.0801		UVIC	
Business, finance & administration	0	0%	174	19%	
Natural & applied sciences & related		93%	170	19%	
Health		0%	107	12%	
Education, law and social, community & government	0	0%	306	34%	
Art, culture, recreation & sport	0	0%	21	2%	
Sales & service	0	0%	92	10%	
Trades, transport & equipment operators & related	1	7%	17	2%	
Natural resources, agriculture & related production	0	0%	7	1%	
Manufacturing & utilities	0	0%	4	0%	
Total	15	100%	898	100%	



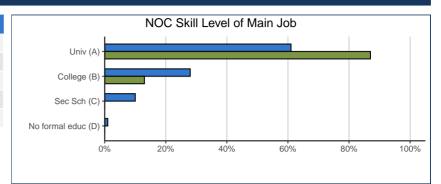


<sup>\*\*</sup>Of those who provided data on hours/week worked



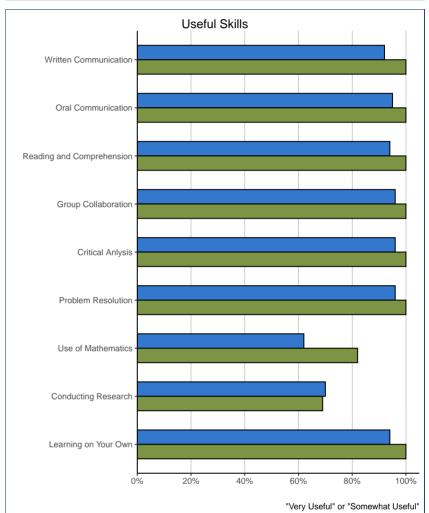
#### EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.0801		UVIC	
A. University education	13	87%	547	61%
B. College education/trade apprenticeship	2	13%	251	28%
C. Secondary school + job-specific training	0	0%	91	10%
D. No formal education	0	0%	13	1%
Total	15	100%	902	100%



	14.0801				
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	81%	19%	0%	0%	16
Oral Communication	81%	19%	0%	0%	16
Reading and Comprehension	75%	25%	0%	0%	16
Group Collaboration	81%	19%	0%	0%	16
Critical Anlysis	81%	19%	0%	0%	16
Problem Resolution	75%	25%	0%	0%	16
Use of Mathematics	13%	69%	13%	6%	16
Conducting Research	19%	50%	31%	0%	16
Learning on Your Own	44%	56%	0%	0%	16

	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	70%	22%	5%	4%	936
Oral Communication	76%	19%	4%	1%	937
Reading and Comprehension	72%	22%	4%	2%	935
Group Collaboration	78%	18%	3%	1%	934
Critical Anlysis	77%	19%	3%	1%	934
Problem Resolution	80%	16%	2%	1%	935
Use of Mathematics	26%	36%	23%	15%	904
Conducting Research	39%	31%	18%	12%	923
Learning on Your Own	68%	26%	4%	2%	931



Top 10 Full-1	time Occupations of 14.0801	araduates:	14.0801
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2131	A	Civil engineers	69%
*			
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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 UVIC Graduates:			UVIC
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	A	Registered nurses and registered psychiatric nurses	7%
4212	В	Social and community service workers	5%
4112	Α	Lawyers and Quebec notaries	3%
4032	Α	Elementary school and kindergarten teachers	3%
2132	Α	Mechanical engineers	3%
2174	Α	Computer programmers and interactive media developers	3%
XXXX	0	Unclassified occupations	2%
1123	Α	Professional occupations in advertising, marketing and public relations	2%
4152	Α	Social workers	2%
1221	В	Administrative officers	2%

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

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



#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	14.0801		UVIC	
Personal savings, investments		20%	354	31%
Employment while studying	3	20%	602	52%
Family/Friends	12	80%	681	59%
Personal bank loans	1	7%	78	7%
Government student loans	2	13%	438	38%
Scholarships/Bursaries/Grants	6	40%	381	33%
Other	14	93%	292	25%
Total	15		1,148	



Financial Debt Incurred to Finance Bac. Ed.:*	14.0801		UVIC	
Incurred any form of financial debt	5	36%	545	48%
Incurred government-sponsored student loan debt	4	27%	479	42%

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



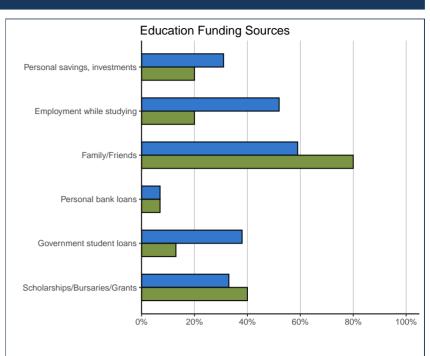
<sup>\*</sup> Includes only cases where financial debt was incurred

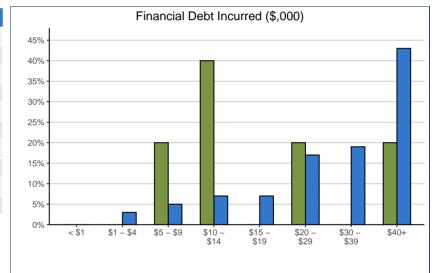


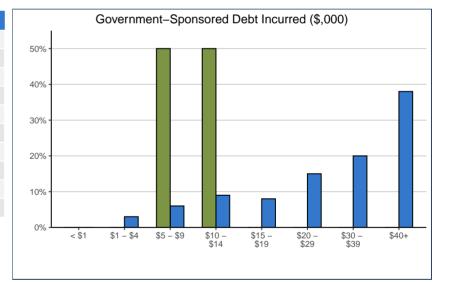
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

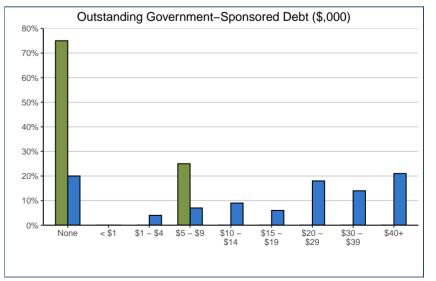


<sup>\*</sup> Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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