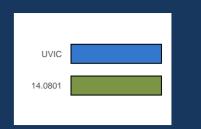


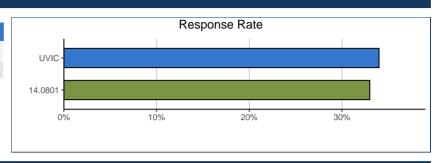
# B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

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	55	100%	3,377	100%
Survey Respondents and Response Rate	18	33%	1,145	34%

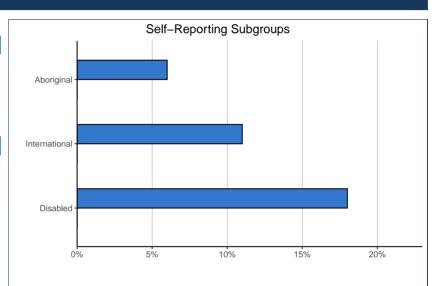


# DEMOGRAPHIC INFORMATION

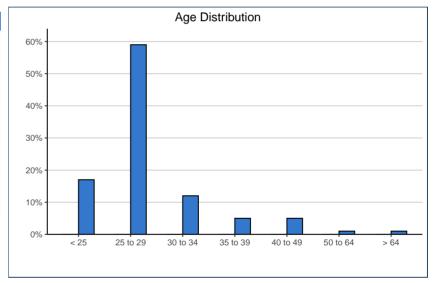
Self-Reporting Subgroups:	14.0801		UVIC	
Disabled	~	~	194	18%
International	~	~	122	11%
Aboriginal	0	0%	58	6%

Gender:*	14.0801		UVIC	
Male	~	~	477	42%
Female	~	~	668	58%
Total	18	100%	1,145	100%

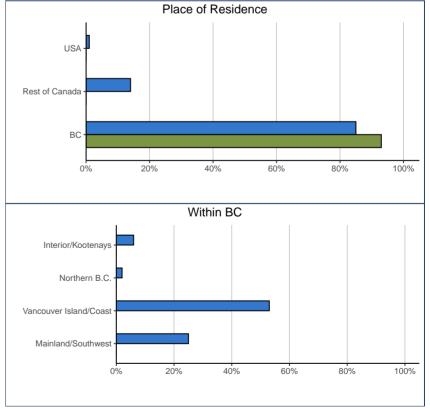
<sup>\*</sup>Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.



Age (at time of survey):	14.0801		UVIC	
< 25	~	~	194	17%
25 to 29	~	~	680	59%
30 to 34	~	~	133	12%
35 to 39	~	~	59	5%
40 to 49	0	0%	57	5%
50 to 64	0	0%	16	1%
> 64	0	0%	6	1%
Total	18	100%	1,145	100%
Median Age	26		26	
Average (mean) Age	27		28	



Place of Residence (at time of survey):	14.0801		UVIC	
BC - Mainland/Southwest	~ ~		252	25%
BC – Vancouver Island/Coast	~	~	529	53%
BC – Northern B.C.	~	~	18	2%
BC – Interior/Kootenays	0	0%	59	6%
BC Subtotal	14	93%	858	85%
Canada – Alberta	0	0%	67	7%
Canada – Ontario	0	0%	34	3%
Canada – Other	0	0%	40	4%
U.S.A.	~	~	7	1%
Non-BC Subtotal	~	~	148	15%
Total	~	~	1,006	100%





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

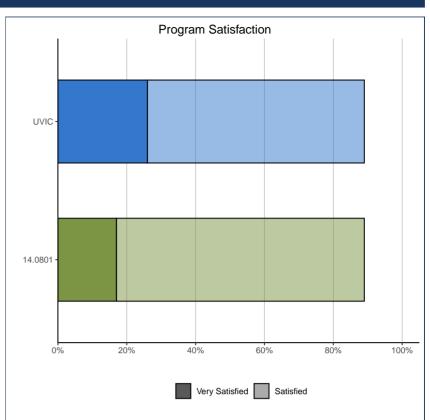


# **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	14.0801		UVIC	
Very Satisfied	3	17%	290	26%
Satisfied	13	72%	711	63%
Dissatisfied	2	11%	112	10%
Very Dissatisfied	0	0%	21	2%
Total	18	100%	1,134	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.0801		uvic	
Very Useful	3	20%	352	38%
Somewhat Useful	10	67%	447	48%
Not Very Useful	2	13%	106	11%
Not at All Useful	0	0%	29	3%
Total	15	100%	934	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.0	0801	UVIC		
Yes	0	0%	93	8%	
No	17	100%	1,021	92%	



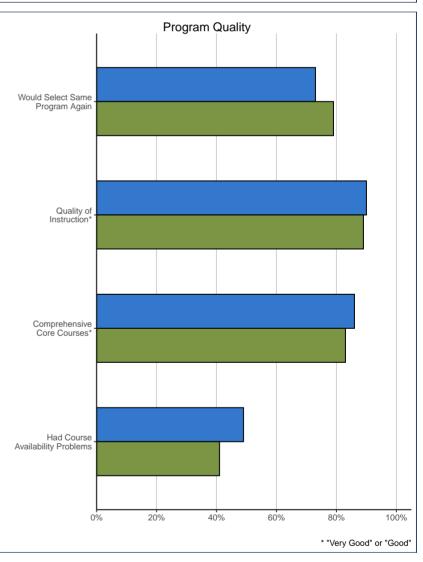
Would select the same program again:	14.0801		UVIC	
Yes	11	79%	721	73%
No	3	21%	263	27%

Quality of Instruction:	14.0801		UVIC	
Very Good	1	6%	290	26%
Good	15	83%	728	64%
Poor	2	11%	106	9%
Very Poor	0	0%	12	1%
Total	18	100%	1,136	100%

Comprehensiveness of Core Courses:	14.0	14.0801		UVIC	
Very Good	2	11%	265	24%	
Good	13	72%	695	62%	
Poor	3	17%	136	12%	
Very Poor	0	0%	24	2%	
Total	18	100%	1.120	100%	

Course Availability:	14.0801		UVIC	
Encountered course availability problems	7	41%	539	49%

Financial Constraints:	14.0801		U\	/IC
Had to interrupt studies for financial reasons	0	0%	135	12%
Had to take program part-time for financial reasons	0	0%	205	18%



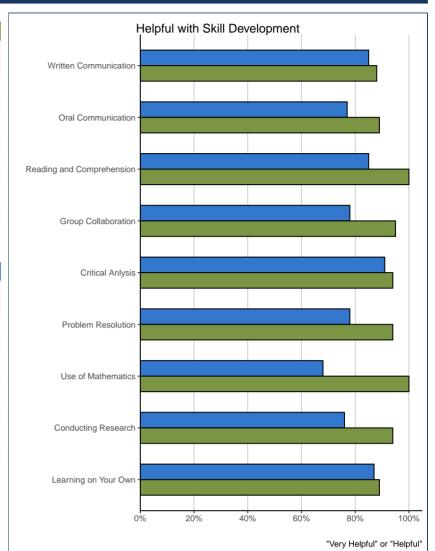
# Detailed Summary of Survey Results University of Victoria 14.0801: Civil engineering, general



# SKILL DEVELOPMENT

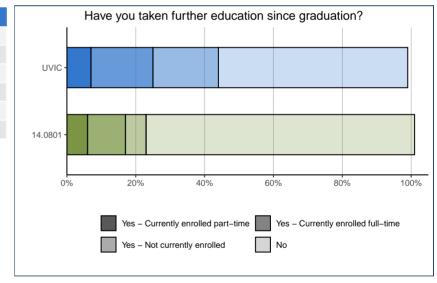
			14.0801		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	41%	47%	12%	0%	17
Oral Communication	17%	72%	11%	0%	18
Reading and Comprehension	12%	88%	0%	0%	17
Group Collaboration	28%	67%	6%	0%	18
Critical Anlysis	50%	44%	6%	0%	18
Problem Resolution	22%	72%	6%	0%	18
Use of Mathematics	44%	56%	0%	0%	18
Conducting Research	22%	72%	6%	0%	18
Learning on Your Own	11%	78%	11%	0%	18

			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

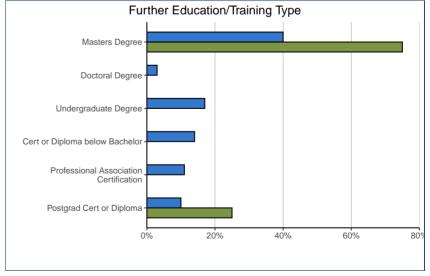


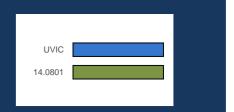
#### **FURTHER EDUCATION**

Took further education since 2021 graduation:	14.0801		UV	/IC
Yes	4	22%	507	45%
Not currently enrolled	1	6%	214	19%
Currently enrolled full-time	2	11%	210	18%
Currently enrolled part-time	1	6%	76	7%
No	14	78%	629	55%
Total	18	100%	1,136	100%



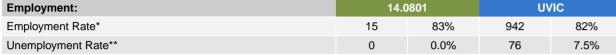
Type of Formal Post–Secondary Education:	14	14.0801		/IC
Masters Degree	3	75%	199	40%
Doctoral Degree	0	0%	15	3%
Another Undergraduate Degree	0	0%	85	17%
Certificate or Diploma below Bachelor level	0	0%	72	14%
Professional Association Certification	0	0%	57	11%
Postgraduate Certificate or Diploma	1	25%	52	10%
Other	0	0%	21	4%
Total	4	100%	501	100%



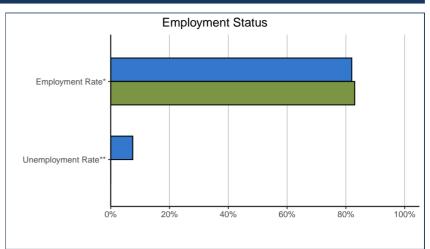


#### **EMPLOYMENT**

Labour Fource Status:	14.0801		U\	/IC	
In Labour Force (working or seeking work)	15	83%	1,018	91%	
Not in Labour Force	3	17%	102	9%	
Total	18	100%	1,120	100%	
Employment:	14.0801		14.0801 UVIC		/IC



<sup>\*</sup>Percent = Total employed divided by total number of respondents

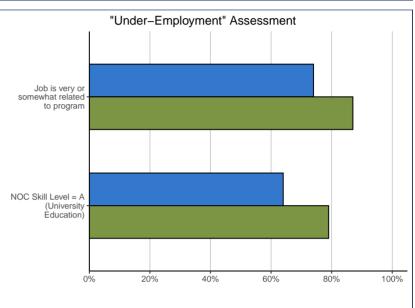


Status of Graduates NOT in Labour Force:	14.0801		UVIC	
Attending School FT	2	67%	64	63%
Attending School PT	0	0%	4	4%
Other	1	33%	34	33%
Total NOT in Labour Force	3	100%	102	100%

Primary Employment Type:	14.0801		UV	/IC
Paid worker	14	93%	890	95%
Self-employed	1	7%	49	5%
Total	15	100%	939	100%

Job Characteristics:	14.0801		U\	/IC
I hold more than one job*	1	7%	194	21%
My main job is full-time (>= 30 hours per week)**	13	100%	781	88%

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



How related is your main job to your program?	14.0801		U\	/IC
Very Related	9	60%	399	42%
Somewhat Related	4	27%	296	31%
Not Very Related	1	7%	128	14%
Not at All Related	1	7%	117	12%
Total	15	100%	940	100%

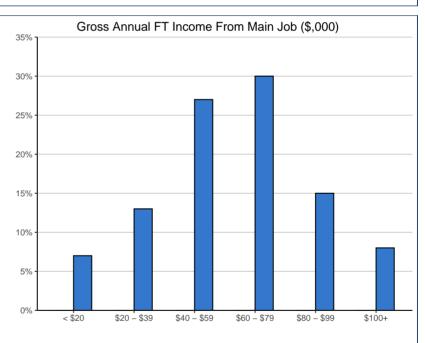
"Under-employment" Assessment:	14.0801		UVIC	
Job is very or somewhat related to program	13	87%	695	74%
NOC Skill Level = A (University Education)*	11	79%	563	64%

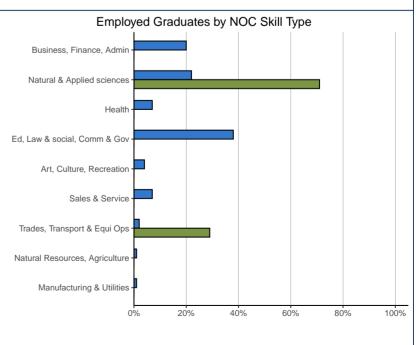
<sup>\*</sup>Of total valid responses

Gross Annual Income from Main Job:*	14.0	0801	UVIC		
Less than \$20,000	0	0%	50	7%	
\$20,000 to \$39,999	0	0%	98	13%	
\$40,000 to \$59,999	0	0%	197	27%	
\$60,000 to \$79,999	~	~	226	30%	
\$80,000 to \$99,999	~	~	111	15%	
\$100,000 and Above	~	~	61	8%	
Total	12	100%	743	100%	
Median Annual Income (full-time) (\$)	76,000		65,567		
Average Annual Income (full-time) (\$)	78,773		68,764		

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

NOC Skill Type of Main Job:	14.0801		UVIC	
Business, finance & administration		0%	177	20%
Natural & applied sciences & related	10	71%	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	4	29%	18	2%
Natural resources, agriculture & related production	0	0%	5	1%
Manufacturing & utilities	0	0%	5	1%
Total	14	100%	880	100%



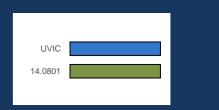


<sup>\*\*</sup>Percent = Total unemployed divided by total number in Labour Force

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

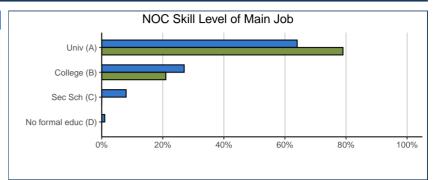


# Detailed Summary of Survey Results University of Victoria 14.0801: Civil engineering, general



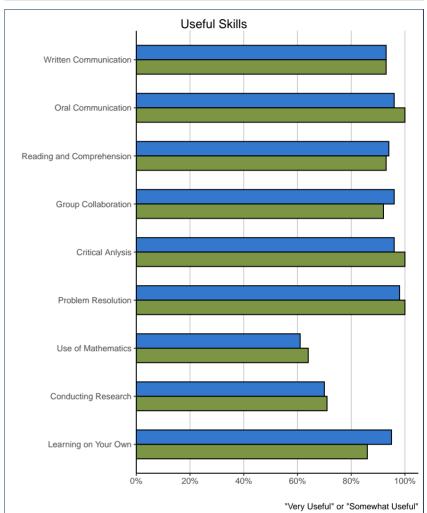
# EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.0801		UVIC	
A. University education	11 79%		563	64%
B. College education/trade apprenticeship	3	21%	237	27%
C. Secondary school + job-specific training	0	0%	73	8%
D. No formal education	0	0%	8	1%
Total	14	100%	881	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	86%	7%	0%	7%	14
Oral Communication	86%	14%	0%	0%	14
Reading and Comprehension	57%	36%	7%	0%	14
Group Collaboration	71%	21%	7%	0%	14
Critical Anlysis	64%	36%	0%	0%	14
Problem Resolution	79%	21%	0%	0%	14
Use of Mathematics	43%	21%	36%	0%	14
Conducting Research	21%	50%	29%	0%	14
Learning on Your Own	43%	43%	14%	0%	14

	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-	time Occupations of 14.0801	raduates:	14.0801
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2131	A	Civil engineers	47%
*			
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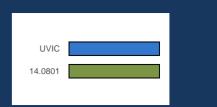
<sup>\*</sup> Data not displayed where n < 5

<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.**
4212	В	Social and community service workers	5%
XXXX	0	Unclassified occupations	4%
4152	Α	Social workers	4%
3012	Α	Registered nurses and registered psychiatric nurses	4%
2174	A	Computer programmers and interactive media developers	3%
4112	Α	Lawyers and Quebec notaries	3%
2132	A	Mechanical engineers	3%
4032	A	Elementary school and kindergarten teachers	2%
2173	Α	Software engineers and designers	2%
1123	A	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



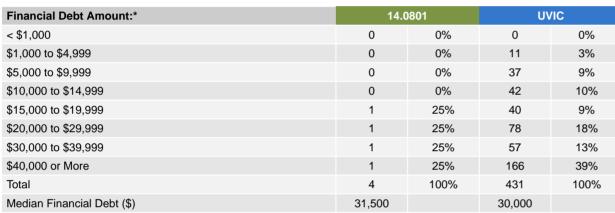
#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*		14.0801		/IC
Personal savings, investments	6	6 35%		32%
Employment while studying		24%	545	49%
Family/Friends	12	71%	647	58%
Personal bank loans	0	0%	87	8%
Government student loans	5	29%	393	35%
Scholarships/Bursaries/Grants	5	29%	418	37%
Other	11	65%	345	31%
Total	17		1,117	

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

Financial Debt Incurred to Finance Bac. Ed.:*	14.0801		UVIC	
Incurred any form of financial debt	5	29%	523	46%
Incurred government-sponsored student loan debt	5	29%	440	39%

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



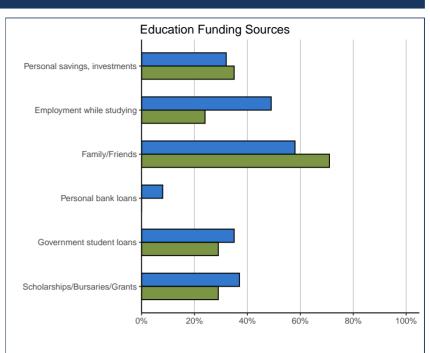
<sup>\*</sup> Includes only cases where financial debt was incurred

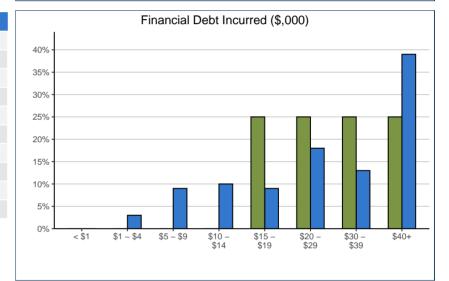


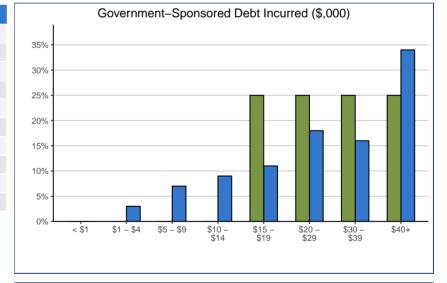
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

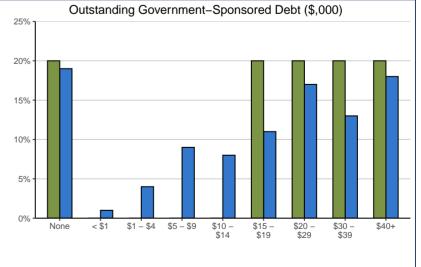


<sup>\*</sup> Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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