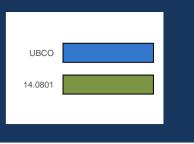
### B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

Detailed Summary of Survey Results University of British Columbia Okanagan 14.0801: Civil engineering, general



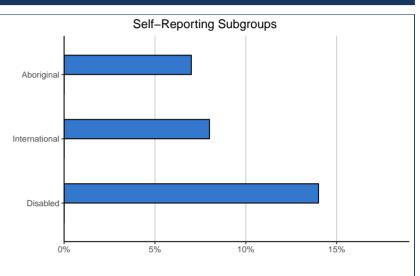
RESPONSE RATE									
Survey Response Rate:	14.	0801	UE	BCO		Res	ponse Rate		
Baccalaureate Graduates Survey Cohort	75	100%	1,531	100%	UBCO -				
Survey Respondents and Response Rate	20	27%	520	34%	0000				
					14.0801 -				
					0%	10%	20%	30	%

#### DEMOGRAPHIC INFORMATION

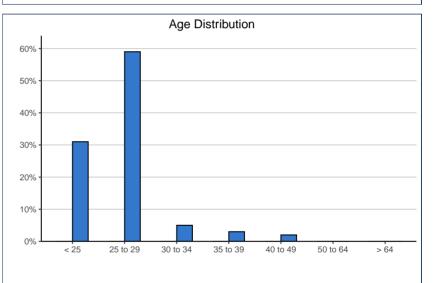
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Self-Reporting Subgroups:	14.0801		UBCO	
Disabled	0	0%	69	14%
International	~	~	39	8%
Aboriginal	0	0%	31	7%

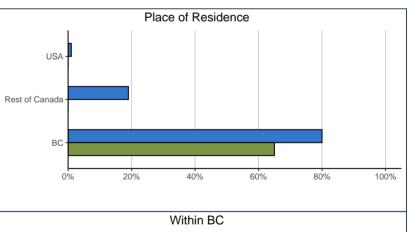
Gender:*	14.0801		UBCO		
Male	~	~	228	44%	
Female	~	~	292	56%	
Total	20	100%	520	100%	
Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.					



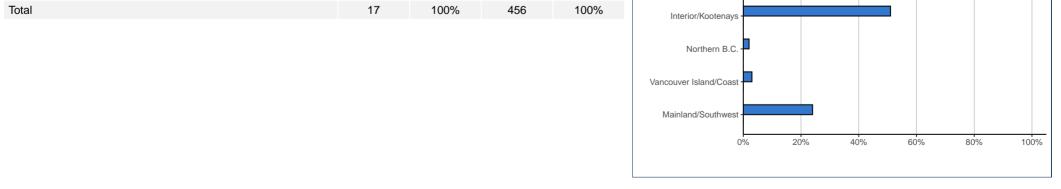
Age (at time of survey):	14.0801		UBCO	
< 25	~	~	158	31%
25 to 29	~	~	304	59%
30 to 34	~	~	26	5%
35 to 39	0	0%	14	3%
40 to 49	0	0%	9	2%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	20	100%	516	100%
Median Age	25		25	
Average (mean) Age	26		26	



Place of Residence (at time of survey):	14.	14.0801		UBCO	
BC – Mainland/Southwest	~	~	108	24%	
BC – Vancouver Island/Coast	~	~	14	3%	
BC – Northern B.C.	~	~	10	2%	
BC – Interior/Kootenays	~	~	231	51%	
BC Subtotal	11	65%	363	80%	
Canada – Alberta	~	~	53	12%	
Canada – Ontario	~	~	19	4%	
Canada – Other	~	~	15	3%	
U.S.A.	0	0%	6	1%	
Non-BC Subtotal	6	35%	93	20%	



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Detailed Summary of Survey Results University of British Columbia Okanagan 14.0801: Civil engineering, general

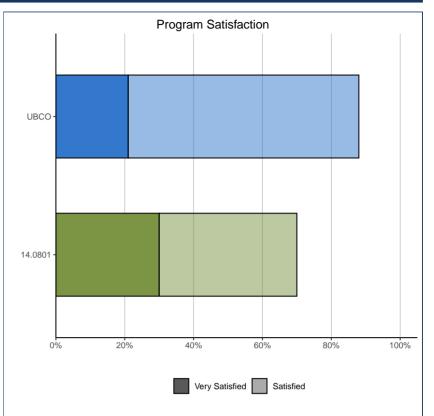


#### EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:		14.0801		CO
Very Satisfied	6	30%	109	21%
Satisfied	8	40%	342	67%
Dissatisfied	6	30%	54	11%
Very Dissatisfied	0	0%	9	2%
Total	20	100%	514	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.0801		UBCO	
Very Useful	4	25%	118	30%
Somewhat Useful	7	44%	196	50%
Not Very Useful	5	31%	65	17%
Not at All Useful	0	0%	13	3%
Total	16	100%	392	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.0801		UBCO	
Yes	1	5%	34	7%
No	18	95%	474	93%



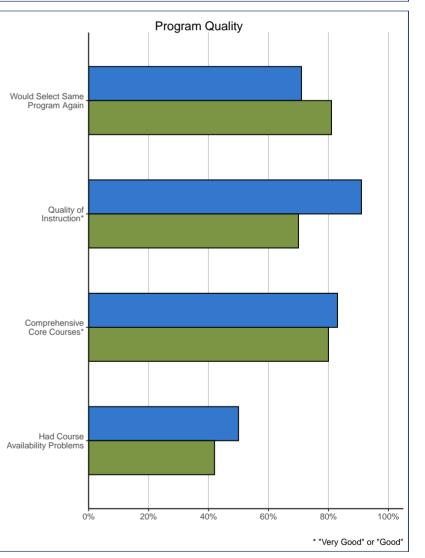
Would select the same program again:	14.0801		UB	со
Yes	13	81%	327	71%
No	3	19%	131	29%

Quality of Instruction:	14.0801		UB	CO
Very Good	1	5%	111	21%
Good	13	65%	362	70%
Poor	6	30%	39	8%
Very Poor	0	0%	7	1%
Total	20	100%	519	100%

Comprehensiveness of Core Courses:	14.0801		UBCO	
Very Good	4	20%	107	21%
Good	12	60%	321	62%
Poor	4	20%	80	16%
Very Poor	0	0%	8	2%
Total	20	100%	516	100%

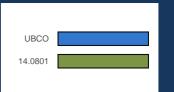
Course Availability:	14.0801		UBCO	
Encountered course availability problems	8	42%	252	50%

Financial Constraints:	14.0801		UB	CO
Had to interrupt studies for financial reasons	0	0%	42	8%
Had to take program part-time for financial reasons	3	16%	52	10%



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

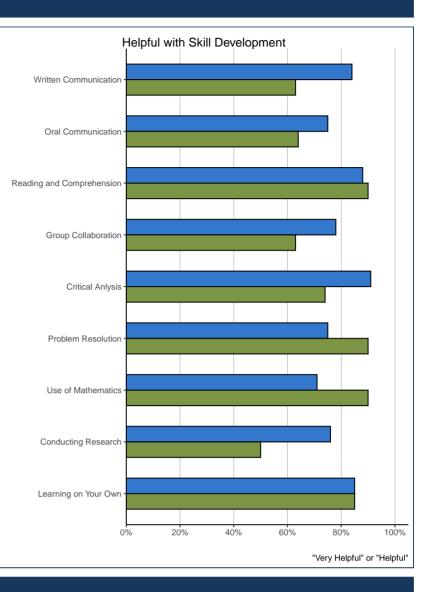
Detailed Summary of Survey Results University of British Columbia Okanagan 14.0801: Civil engineering, general

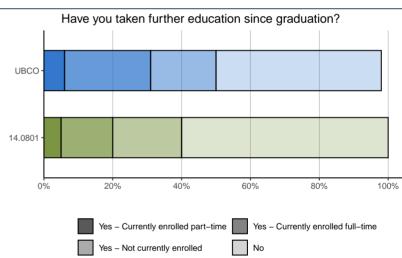


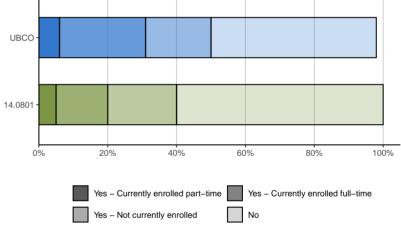
#### SKILL DEVELOPMENT

		14.0801				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.	
Written Communication	21%	42%	26%	11%	19	
Oral Communication	11%	53%	32%	5%	19	
Reading and Comprehension	32%	58%	11%	0%	19	
Group Collaboration	16%	47%	26%	11%	19	
Critical Anlysis	21%	53%	26%	0%	19	
Problem Resolution	16%	74%	11%	0%	19	
Use of Mathematics	37%	53%	11%	0%	19	
Conducting Research	22%	28%	39%	11%	18	
Learning on Your Own	53%	32%	16%	0%	19	

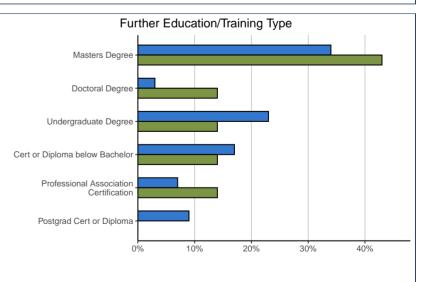
			UBCO		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	26%	58%	13%	2%	503
Oral Communication	17%	58%	22%	3%	507
Reading and Comprehension	30%	58%	11%	1%	512
Group Collaboration	24%	54%	20%	3%	512
Critical Anlysis	43%	48%	8%	2%	513
Problem Resolution	22%	53%	21%	3%	504
Use of Mathematics	23%	48%	21%	7%	423
Conducting Research	28%	48%	19%	5%	491
Learning on Your Own	40%	45%	12%	2%	513







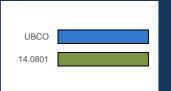
Type of Formal Post–Secondary Education:	14	14.0801		всо
Masters Degree	3	43%	89	34%
Doctoral Degree	1	14%	8	3%
Another Undergraduate Degree	1	14%	60	23%
Certificate or Diploma below Bachelor level	1	14%	44	17%
Professional Association Certification	1	14%	19	7%
Postgraduate Certificate or Diploma	0	0%	24	9%
Other	0	0%	17	7%
Total	7	100%	261	100%



#### FURTHER EDUCATION

Took further education since 2021 graduation:	14.0801		UBCO	
Yes	8	40%	266	52%
Not currently enrolled	4	20%	100	19%
Currently enrolled full-time	3	15%	131	25%
Currently enrolled part-time	1	5%	32	6%
No	12	60%	250	48%
Total	20	100%	516	100%

Detailed Summary of Survey Results University of British Columbia Okanagan 14.0801: Civil engineering, general



EMPLOYMENT

45

10.3%

Labour Fource Status:	14.0801		UB	CO
In Labour Force (working or seeking work)	17	89%	438	86%
Not in Labour Force	2	11%	69	14%
Total	19	100%	507	100%
Employment:	14.0801		UB	CO
Employment Rate*	16	80%	393	76%

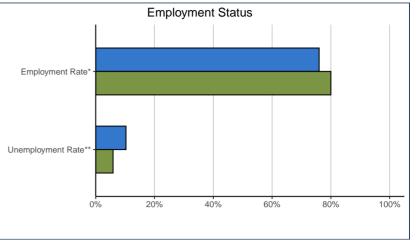
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5.9%

Employment Rate\* Unemployment Rate\*\*

\*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:	14.0801		UBCO	
Attending School FT	2	100%	58	84%
Attending School PT	0	0%	1	1%
Other	0	0%	10	14%
Total NOT in Labour Force	2	100%	69	100%

Primary Employment Type:	14.0801		UB	CO
Paid worker	16	100%	367	93%
Self-employed	0	0%	26	7%
Total	16	100%	393	100%

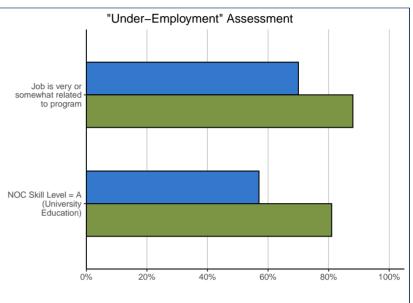
Job Characteristics:	14.	14.0801		со
I hold more than one job*	1	6%	76	19%
My main job is full-time (>= 30 hours per week)**	16	100%	327	87%
*Of total Employed				

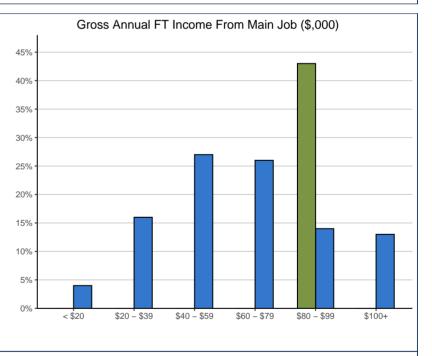


How related is your main job to your program?	14.	14.0801		CO
Very Related	10	63%	127	32%
Somewhat Related	4	25%	147	37%
Not Very Related	2	13%	52	13%
Not at All Related	0	0%	67	17%
Total	16	100%	393	100%

"Under-employment" Assessment:	14.0801		14.0801		UB	со
Job is very or somewhat related to program	14	88%	274	70%		
NOC Skill Level = A (University Education)*	13	81%	209	57%		
*Of total valid responses						

Gross Annual Income from Main Job:*	14.0	14.0801		CO
Less than \$20,000	0	0%	14	4%
\$20,000 to \$39,999	~	~	51	16%
\$40,000 to \$59,999	0	0%	87	27%
\$60,000 to \$79,999	~	~	83	26%
\$80,000 to \$99,999	6	43%	44	14%
\$100,000 and Above	~	~	40	13%
Total	14	100%	319	100%
Median Annual Income (full-time) (\$)	87,500		64,000	
Average Annual Income (full-time) (\$)	83,430		71,267	
*Where data provided				

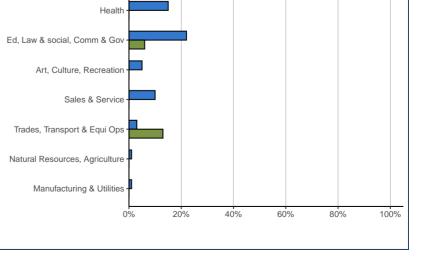






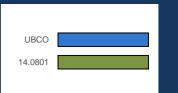
Business, Finance, Admin Natural & Applied sciences

NOC Skill Type of Main Job:	14.0801		UBCO	
Business, finance & administration	0	0%	52	14%
Natural & applied sciences & related	13	81%	108	30%
Health	0	0%	56	15%
Education, law and social, community & government	1	6%	81	22%
Art, culture, recreation & sport	0	0%	18	5%
Sales & service	0	0%	35	10%
Trades, transport & equipment operators & related	2	13%	11	3%
Natural resources, agriculture & related production	0	0%	2	1%
Manufacturing & utilities	0	0%	3	1%
Total	16	100%	366	100%



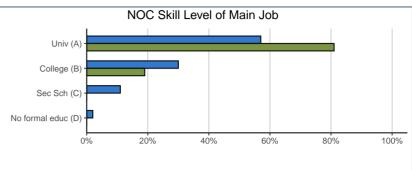
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Detailed Summary of Survey Results University of British Columbia Okanagan 14.0801: Civil engineering, general



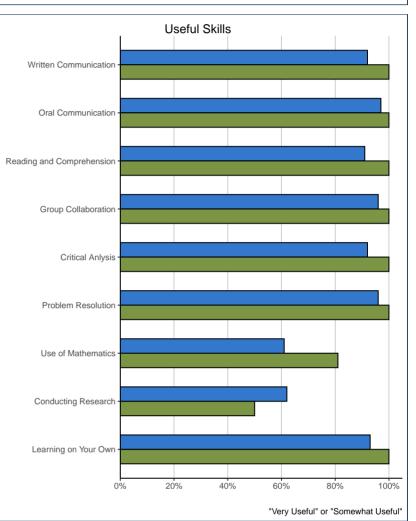
#### EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.0801 UI		UBCO	
A. University education	13	81%	209	57%
B. College education/trade apprenticeship	3	19%	111	30%
C. Secondary school + job-specific training	0	0%	39	11%
D. No formal education	0	0%	7	2%
Total	16	100%	366	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	100%	0%	0%	0%	16
Oral Communication	100%	0%	0%	0%	16
Reading and Comprehension	100%	0%	0%	0%	16
Group Collaboration	94%	6%	0%	0%	16
Critical Anlysis	94%	6%	0%	0%	16
Problem Resolution	81%	19%	0%	0%	16
Use of Mathematics	31%	50%	13%	6%	16
Conducting Research	31%	19%	25%	25%	16
Learning on Your Own	75%	25%	0%	0%	16

	UBCO				
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%	4%	5%	390
Oral Communication	78%	19%	2%	1%	391
Reading and Comprehension	63%	28%	6%	3%	391
Group Collaboration	76%	20%	3%	0%	391
Critical Anlysis	69%	23%	6%	2%	389
Problem Resolution	78%	18%	2%	2%	390
Use of Mathematics	25%	36%	21%	18%	382
Conducting Research	31%	31%	21%	16%	383
Learning on Your Own	66%	27%	4%	3%	390



# Top 10 Full-time Oct 14.0801 Uevel 14.0801 NOC NOC Skill Level Description % Employed FT in this Occ.\*\* 2131 A Civil engineers 56% \* Second Second

\* Data not displayed where n < 5

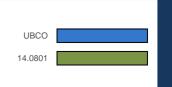
\*\* Percentages cited are of those employed

NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	А	Registered nurses and registered psychiatric nurses	7%
XXXX	0	Unclassified occupations	4%
2132	A	Mechanical engineers	4%
2174	А	Computer programmers and interactive media developers	3%
4212	В	Social and community service workers	3%
2131	А	Civil engineers	3%
1221	В	Administrative officers	3%
2173	А	Software engineers and designers	3%
3144	A	Other professional occupations in therapy and assessment	2%
2221	В	Biological technologists and technicians	2%
*			

\* Data not displayed where n < 5

\*\* Percentages cited are of those employed

Detailed Summary of Survey Results University of British Columbia Okanagan 14.0801: Civil engineering, general

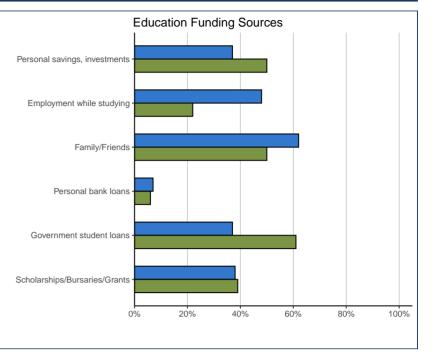


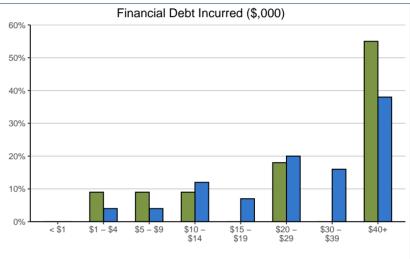
#### EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.	14.0801		CO			
Personal savings, investments	9	50%	188	37%			
Employment while studying	4	22%	244	48%			
Family/Friends	9	50%	312	62%			
Personal bank loans	1	6%	35	7%			
Government student loans	11	61%	186	37%			
Scholarships/Bursaries/Grants	7	39%	192	38%			
Other	5	28%	90	18%			
Total	18		507				
* Percentage of respondents who identified this source	Percentage of respondents who identified this source						

Financial Debt Incurred to Finance Bac. Ed.:*	14.	14.0801		со
Incurred any form of financial debt	13	68%	250	49%
Incurred government-sponsored student loan debt	12	63%	213	41%
* Percentage of respondents who provided data				

Financial Debt Amount:*	14.0801		UBCO	
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	1	9%	9	4%
\$5,000 to \$9,999	1	9%	8	4%
\$10,000 to \$14,999	1	9%	26	12%
\$15,000 to \$19,999	0	0%	14	7%
\$20,000 to \$29,999	2	18%	41	20%
\$30,000 to \$39,999	0	0%	33	16%
\$40,000 or More	6	55%	79	38%
Total	11	100%	210	100%
Median Financial Debt (\$)	40,000		30,000	
* Includes only cases where financial debt was incurred				

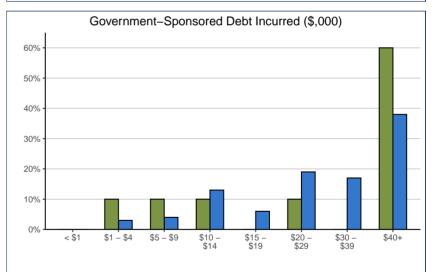




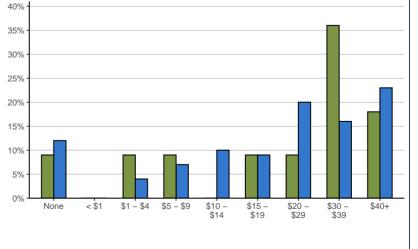
Gov't-Sponsored Student Loan Debt Amount:\* 14.0801 UBCO < \$1,000 0 0 0% 0% \$1,000 to \$4,999 10% 4 3% 1 \$5,000 to \$9,999 1 10% 6 4% \$10,000 to \$14,999 10% 20 13% 1 \$15,000 to \$19,999 0 0% 10 6% \$20,000 to \$29,999 10% 30 19% 1 \$30,000 to \$39,999 0 0% 26 17% \$40,000 or More 6 60% 59 38% 10 100% 155 Total 100% Median Gov't-Sponsored Loan Debt (\$) 41,000 30,000

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

Gov't-Sponsored Loan Debt Outstanding:*	14.	14.0801		UBCO	
None – Loan repaid in full	1	9%	21	12%	
< \$1,000	0	0%	0	0%	
\$1,000 to \$4,999	1	9%	7	4%	
\$5,000 to \$9,999	1	9%	12	7%	
\$10,000 to \$14,999	0	0%	18	10%	
\$15,000 to \$19,999	1	9%	15	9%	
\$20,000 to \$29,999	1	9%	34	20%	
\$30,000 to \$39,999	4	36%	27	16%	
\$40,000 or More	2	18%	39	23%	
Total	11	100%	173	100%	
Median Gov't–Sponsored Loan Debt Outstanding** (\$)	33,500		27,000		



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