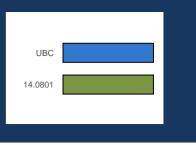


B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

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



409

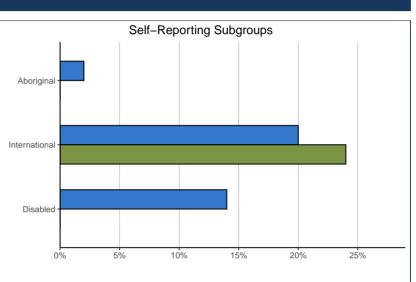
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		F	RESPONSE	RATE					
Survey Response Rate:	14.	0801	UI	BC			Response R	late	
Baccalaureate Graduates Survey Cohort	129	100%	6,879	100%	UBC -				
Survey Respondents and Response Rate	45	35%	2,273	33%	000				
					14.0801 -				
					0%	10%	20)% 3(0%

DEMOGRAPHIC INFORMATION

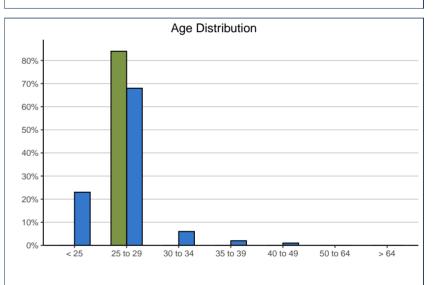
Self-Reporting Subgroups: 14.0801 UBC Disabled 292 14% ~ ~ International 24% 459 20% 11 Aboriginal 41 2%

Gender:*	14.0801		UBC	
Male	34	76%	953	42%
Female	11	24%	1,320	58%
Total	45	100%	2,273	100%

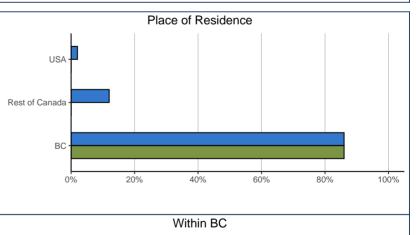


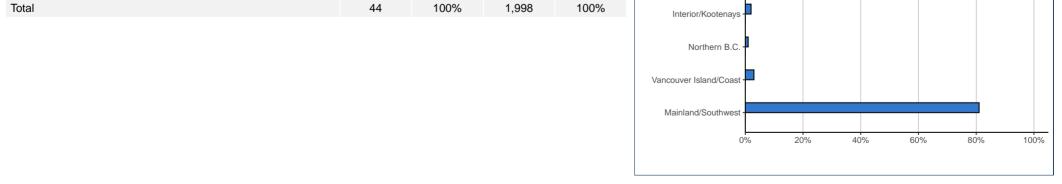
*Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.

Age (at time of survey):	14.	.0801	U	BC	
< 25	~	~	520	23%	
25 to 29	38	84%	1,549	68%	
30 to 34	0	0%	133	6%	
35 to 39	~	~	39	2%	
40 to 49	~	~	21	1%	
50 to 64	0	0%	~	~	
> 64	0	0%	~	~	
Total	45	100%	2,269	100%	
Median Age	25		25		
Average (mean) Age	27		26		

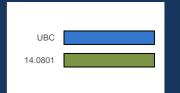


Place of Residence (at time of survey):	14.	14.0801		UBC	
BC – Mainland/Southwest	~	~	1,615	81%	
BC – Vancouver Island/Coast	0	0%	50	3%	
BC – Northern B.C.	~	~	12	1%	
BC – Interior/Kootenays	0	0%	48	2%	
BC Subtotal	38	86%	1,725	86%	
Canada – Alberta	~	~	77	4%	
Canada – Ontario	~	~	112	6%	
Canada – Other	~	~	42	2%	
U.S.A.	~	~	42	2%	
Non–BC Subtotal	6	14%	273	14%	







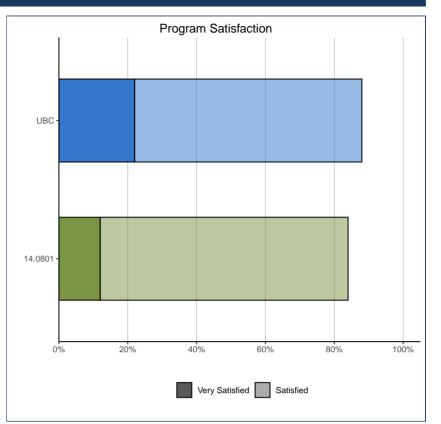


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.0801		U	BC
Very Satisfied	5	12%	490	22%
Satisfied	31	72%	1,486	66%
Dissatisfied	7	16%	221	10%
Very Dissatisfied	0	0%	44	2%
Total	43	100%	2,241	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.0801		UBC	
Very Useful	12	33%	548	31%
Somewhat Useful	18	50%	924	52%
Not Very Useful	5	14%	242	14%
Not at All Useful	1	3%	60	3%
Total	36	100%	1,774	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.0801		UBC	
Yes	3	7%	127	6%
No	40	93%	2,107	94%



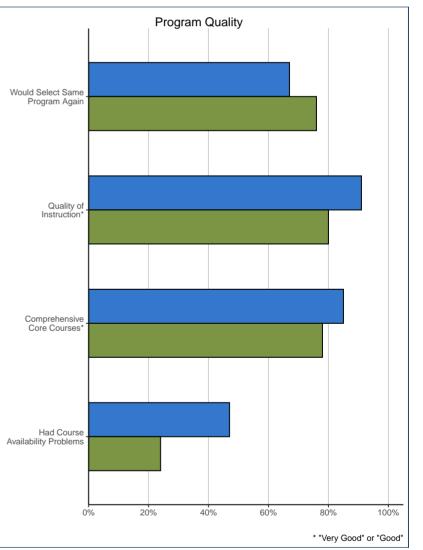
Would select the same program again:	14.0801		UBC	
Yes	29	76%	1,303	67%
No	9	24%	656	33%

Quality of Instruction:	14.0801		UI	вС
Very Good	7	16%	588	26%
Good	29	64%	1,467	65%
Poor	8	18%	172	8%
Very Poor	1	2%	30	1%
Total	45	100%	2,257	100%

Comprehensiveness of Core Courses:	14.0801		UBC	
Very Good	7	16%	535	24%
Good	28	62%	1,356	61%
Poor	9	20%	287	13%
Very Poor	1	2%	45	2%
Total	45	100%	2,223	100%

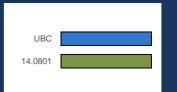
Course Availability:	14.0801		UBC	
Encountered course availability problems	11	24%	1,043	47%

Financial Constraints:	14.0801		UBC	
Had to interrupt studies for financial reasons	2	5%	155	7%
Had to take program part-time for financial reasons	1	2%	224	10%



Note: \sim indicates low cell count; data suppressed

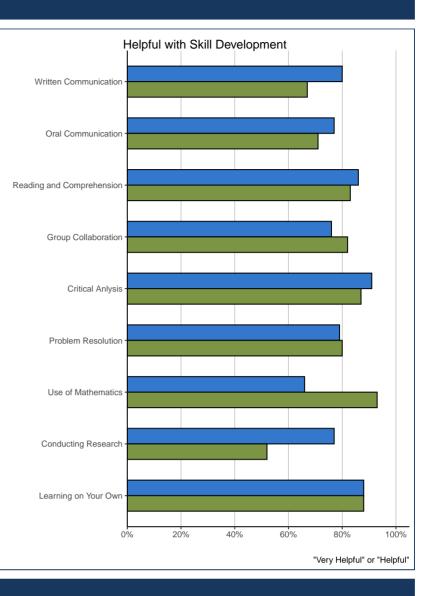


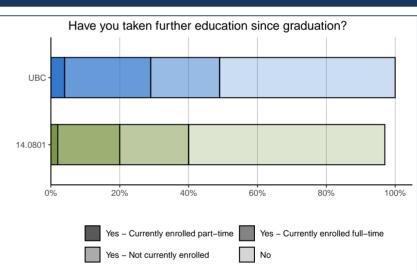


SKILL DEVELOPMENT

	14.0801				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	14%	53%	30%	2%	43
Oral Communication	7%	64%	25%	5%	44
Reading and Comprehension	16%	67%	16%	0%	43
Group Collaboration	33%	49%	18%	0%	45
Critical Anlysis	27%	60%	13%	0%	45
Problem Resolution	27%	53%	20%	0%	45
Use of Mathematics	43%	50%	7%	0%	44
Conducting Research	18%	34%	41%	7%	44
Learning on Your Own	52%	36%	11%	0%	44

			UBC		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	24%	56%	17%	3%	2,198
Oral Communication	22%	55%	20%	4%	2,212
Reading and Comprehension	31%	55%	12%	2%	2,222
Group Collaboration	24%	52%	20%	4%	2,230
Critical Anlysis	43%	48%	8%	2%	2,253
Problem Resolution	24%	55%	18%	3%	2,188
Use of Mathematics	20%	46%	24%	10%	1,801
Conducting Research	29%	48%	19%	4%	2,159
Learning on Your Own	39%	49%	10%	2%	2,236





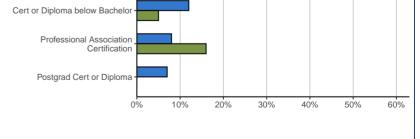
Further Education/Training Type							
Masters Degree -							
Doctoral Degree -							
Undergraduate Degree -							
ondergraduate Degree							

FURTHER EDUCATION

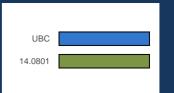
14.0801		UBC	
19	43%	1,119	49%
9	20%	454	20%
8	18%	559	25%
1	2%	99	4%
25	57%	1,144	51%
44	100%	2,263	100%
	19 9 8 1 25	19 43% 9 20% 8 18% 1 2% 25 57%	1943%1,119920%454818%55912%992557%1,144

Type of Formal Post-Secondary Education:	14.	14.0801		вС
Masters Degree	11	58%	467	42%
Doctoral Degree	3	16%	82	7%
Another Undergraduate Degree	1	5%	213	19%
Certificate or Diploma below Bachelor level	1	5%	133	12%
Professional Association Certification	3	16%	86	8%
Postgraduate Certificate or Diploma	0	0%	77	7%

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Other	0	0%	52	5%
Total	19	100%	1,110	100%





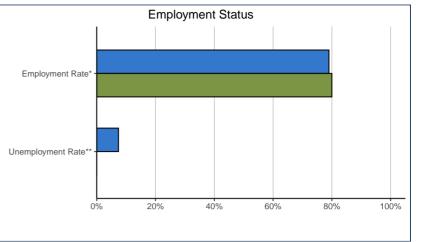


EMPLOYMENT

Labour Fource Status:	14.	14.0801		BC
In Labour Force (working or seeking work)	36	80%	1,931	87%
Not in Labour Force	9	20%	296	13%
Total	45	100%	2,227	100%
Employment:	14.	14.0801		BC
Employment Rate*	36	80%	1,788	79%
Unemployment Rate**	0	0.0%	143	7.4%

*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		UBC	
Attending School FT	5	56%	238	80%
Attending School PT	0	0%	2	1%
Other	4	44%	56	19%
Total NOT in Labour Force	9	100%	296	100%

Primary Employment Type:	14.0801		UBC	
Paid worker	36	100%	1,679	94%
Self-employed	0	0%	106	6%
Total	36	100%	1,785	100%

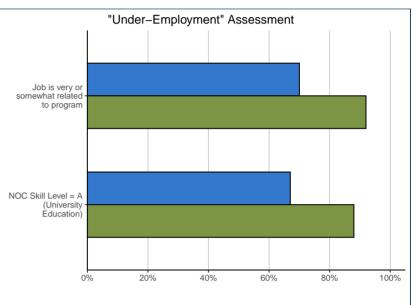
Job Characteristics:	14.0	14.0801		BC
I hold more than one job*	2	6%	300	17%
My main job is full-time (>= 30 hours per week)**	33	97%	1,465	86%
*Of total Employed				

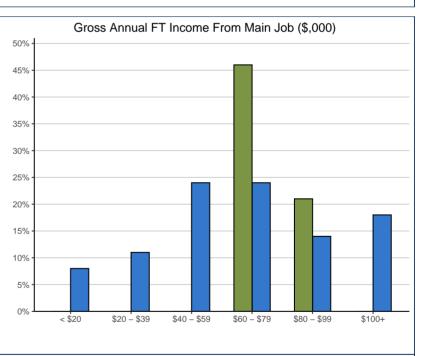


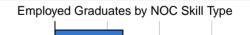
How related is your main job to your program?	14.	14.0801		UBC	
Very Related	18	50%	628	35%	
Somewhat Related	15	42%	621	35%	
Not Very Related	1	3%	271	15%	
Not at All Related	2	6%	264	15%	
Total	36	100%	1,784	100%	

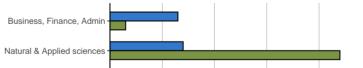
"Under-employment" Assessment:	14.0801		UE	BC
Job is very or somewhat related to program	33	92%	1,249	70%
NOC Skill Level = A (University Education)*	28	88%	1,126	67%
*Of total valid responses				

Gross Annual Income from Main Job:*	14.0	0801	U	вС
Less than \$20,000	~	~	112	8%
\$20,000 to \$39,999	0	0%	151	11%
\$40,000 to \$59,999	~	~	321	24%
\$60,000 to \$79,999	13	46%	326	24%
\$80,000 to \$99,999	6	21%	195	14%
\$100,000 and Above	~	~	243	18%
Total	28	100%	1,348	100%
Median Annual Income (full-time) (\$)	75,000		70,000	
Average Annual Income (full-time) (\$)	77,258		79,724	
*Where data provided				

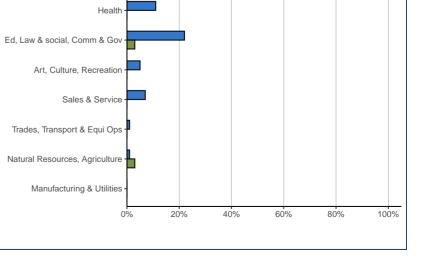






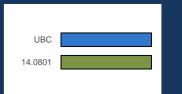


NOC Skill Type of Main Job:	14.0801		UBC	
Business, finance & administration	2	6%	429	26%
Natural & applied sciences & related	28	88%	459	28%
Health	0	0%	183	11%
Education, law and social, community & government	1	3%	361	22%
Art, culture, recreation & sport	0	0%	87	5%
Sales & service	0	0%	118	7%
Trades, transport & equipment operators & related	0	0%	11	1%
Natural resources, agriculture & related production	1	3%	13	1%
Manufacturing & utilities	0	0%	8	0%
Total	32	100%	1,669	100%

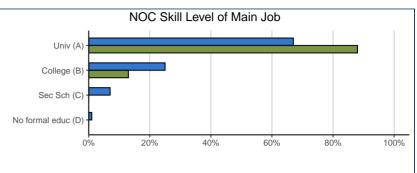


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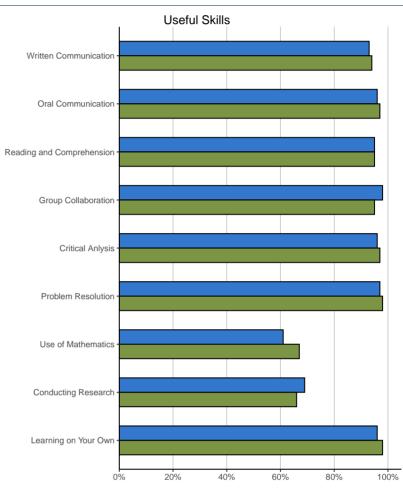


EMPLOYMENT, continued NOC Skill Level of Main Job: 14.0801 UBC A. University education 28 88% 1,126 67% B. College education/trade apprenticeship 4 13% 25% 415 C. Secondary school + job-specific training 0 0% 121 7% D. No formal education 0 0% 14 1% Total 32 100% 1,676 100%



	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	69%	25%	6%	0%	36	
Oral Communication	75%	22%	3%	0%	36	
Reading and Comprehension	64%	31%	6%	0%	36	
Group Collaboration	67%	28%	6%	0%	36	
Critical Anlysis	72%	25%	3%	0%	36	
Problem Resolution	67%	31%	3%	0%	36	
Use of Mathematics	36%	31%	31%	3%	36	
Conducting Research	22%	44%	33%	0%	36	
Learning on Your Own	56%	42%	3%	0%	36	

			UBC		
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	66%	27%	6%	2%	1,772
Oral Communication	75%	21%	3%	1%	1,774
Reading and Comprehension	70%	25%	4%	1%	1,772
Group Collaboration	78%	20%	3%	0%	1,773
Critical Anlysis	73%	23%	3%	1%	1,771
Problem Resolution	77%	20%	2%	1%	1,766
Use of Mathematics	24%	37%	24%	16%	1,739
Conducting Research	36%	33%	19%	12%	1,744
Learning on Your Own	69%	27%	3%	1%	1,771



"Very Useful" or "Somewhat Useful"

Top 10 Full-tin	ne Occupations of 14.0801	Graduates:	14.0801
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2131	A	Civil engineers	58%
*			
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* Data not display	ed where $n < 5$		

* Data not displayed where n < 5

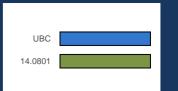
** Percentages cited are of those employed

NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2173	A	Software engineers and designers	6%
XXXX	0	Unclassified occupations	4%
2174	A	Computer programmers and interactive media developers	3%
4112	A	Lawyers and Quebec notaries	3%
1123	A	Professional occupations in advertising, marketing and public relations	3%
4012	A	Post-secondary teaching and research assistants	2%
1112	A	Financial and investment analysts	2%
1111	A	Financial auditors and accountants	2%
3131	A	Pharmacists	2%
3012	А	Registered nurses and registered psychiatric nurses	2%
* Data wat diawl	er ve el viste e ve la E		

* Data not displayed where n < 5

** Percentages cited are of those employed



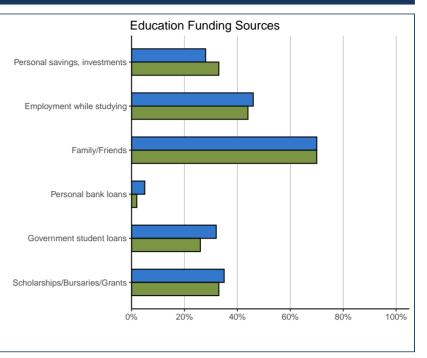


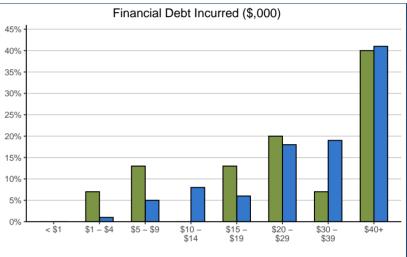
EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.	14.0801		зс
Personal savings, investments	14	33%	624	28%
Employment while studying	19	44%	1,016	46%
Family/Friends	30	70%	1,541	70%
Personal bank loans	1	2%	116	5%
Government student loans	11	26%	704	32%
Scholarships/Bursaries/Grants	14	33%	771	35%
Other	19	44%	506	23%
Total	43		2,213	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	14.0801		U	BC
Incurred any form of financial debt	18	41%	915	41%
Incurred government-sponsored student loan debt	13	30%	777	35%
* Percentage of respondents who provided data				

Financial Debt Amount:*	14.0801		UBC	
< \$1,000	0	0%	1	0%
\$1,000 to \$4,999	1	7%	11	1%
\$5,000 to \$9,999	2	13%	41	5%
\$10,000 to \$14,999	0	0%	56	8%
\$15,000 to \$19,999	2	13%	47	6%
\$20,000 to \$29,999	3	20%	138	18%
\$30,000 to \$39,999	1	7%	143	19%
\$40,000 or More	6	40%	309	41%
Total	15	100%	746	100%
Median Financial Debt (\$)	24,000		33,000	



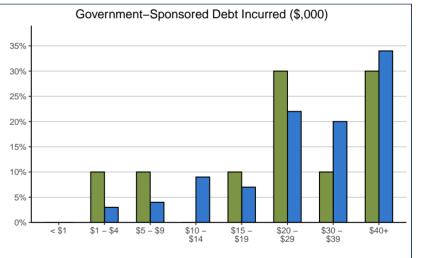


* Includes only cases where financial debt was incurred

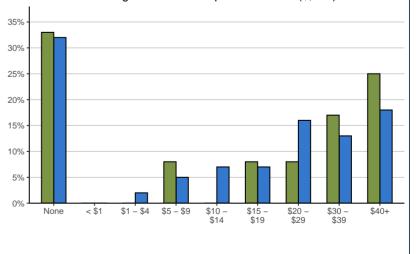
Gov't-Sponsored Student Loan Debt Amount:*	14.0	14.0801		BC
< \$1,000	0	0%	1	0%
\$1,000 to \$4,999	1	10%	17	3%
\$5,000 to \$9,999	1	10%	25	4%
\$10,000 to \$14,999	0	0%	51	9%
\$15,000 to \$19,999	1	10%	43	7%
\$20,000 to \$29,999	3	30%	130	22%
\$30,000 to \$39,999	1	10%	119	20%
\$40,000 or More	3	30%	199	34%
Total	10	100%	585	100%
Median Gov't-Sponsored Loan Debt (\$)	23,000		30,000	

* Includes only cases where government-sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	14.0	14.0801		зС
None – Loan repaid in full	4	33%	206	32%
< \$1,000	0	0%	1	0%
\$1,000 to \$4,999	0	0%	15	2%
\$5,000 to \$9,999	1	8%	35	5%
\$10,000 to \$14,999	0	0%	42	7%
\$15,000 to \$19,999	1	8%	42	7%
\$20,000 to \$29,999	1	8%	103	16%
\$30,000 to \$39,999	2	17%	81	13%
\$40,000 or More	3	25%	119	18%
Total	12	100%	644	100%
Median Gov't–Sponsored Loan Debt Outstanding** (\$)	30,500		28,000	



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