

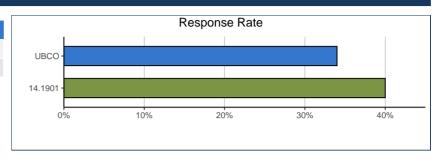
B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

UBCO 14.1901

Detailed Summary of Survey Results University of British Columbia Okanagan 14.1901: Mechanical engineering

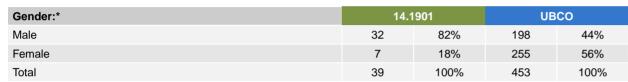
RESPONSE RATE

Survey Response Rate:	14.1901		UBCO	
Baccalaureate Graduates Survey Cohort	98	100%	1,320	100%
Survey Respondents and Response Rate	39	40%	453	34%

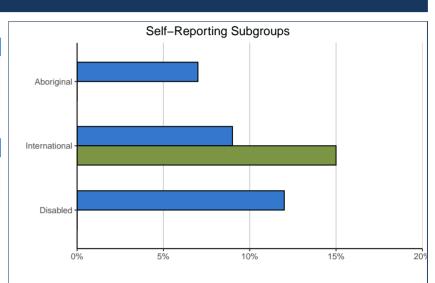


DEMOGRAPHIC INFORMATION

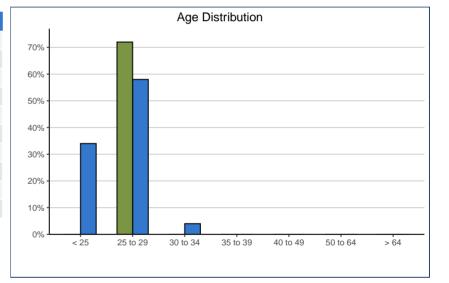
Self-Reporting Subgroups:	14.1901		UB	СО
Disabled	~	~	53	12%
International	6	15%	40	9%
Aboriginal	0	0%	27	7%



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

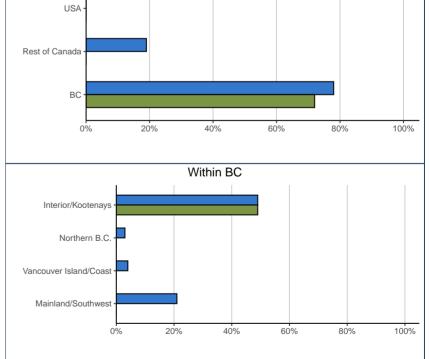


Age (at time of survey):	14.1901		UBCO	
< 25	~	~	155	34%
25 to 29	28	72%	260	58%
30 to 34	~	~	20	4%
35 to 39	~	~	~	~
40 to 49	0	0%	~	~
50 to 64	0	0%	~	~
> 64	0	0%	0	0%
Total	39	100%	451	100%
Median Age	26		25	
Average (mean) Age	26		26	



Place of Residence

Place of Residence (at time of survey):	14.1901		UBCO	
BC – Mainland/Southwest	~	~	86	21%
BC - Vancouver Island/Coast	~	~	17	4%
BC – Northern B.C.	~	~	14	3%
BC – Interior/Kootenays	19	49%	199	49%
BC Subtotal	28	72%	316	78%
Canada – Alberta	~	~	60	15%
Canada – Ontario	~	~	~	~
Canada – Other	~	~	15	4%
U.S.A.	0	0%	~	~
Non-BC Subtotal	11	28%	90	22%
Total	39	100%	406	100%



Detailed Summary of Survey Results University of British Columbia Okanagan 14.1901: Mechanical engineering

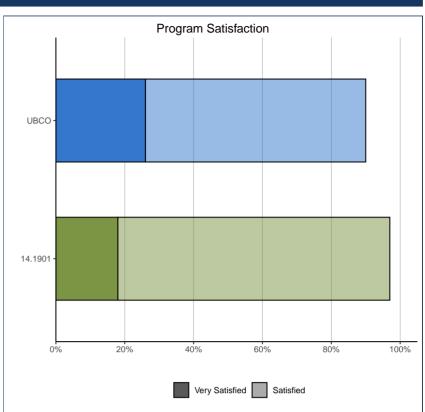


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.1901		UB	СО
Very Satisfied	7	18%	118	26%
Satisfied	31	79%	287	64%
Dissatisfied	1	3%	34	8%
Very Dissatisfied	0	0%	8	2%
Total	39	100%	447	100%

14.1901		UBCO	
11	32%	127	37%
16	47%	159	46%
6	18%	38	11%
1	3%	22	6%
34	100%	346	100%
	16 6 1	16 47% 6 18% 1 3%	16 47% 159 6 18% 38 1 3% 22

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.	14.1901		UBCO	
Yes	3	9%	39	9%	
No	31	91%	402	91%	



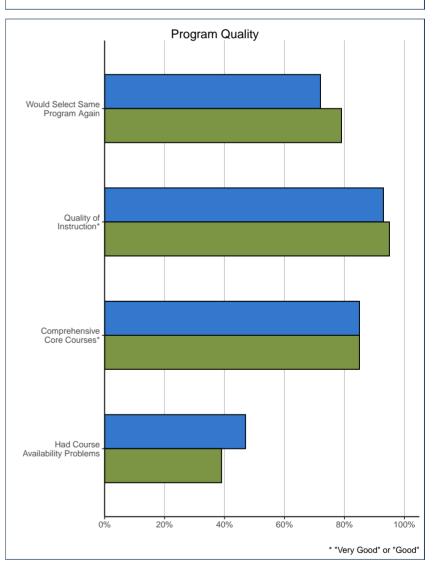
Would select the same program again:	14.1901		UBCO	
Yes	27	79%	290	72%
No	7	21%	111	28%

Quality of Instruction:	14.	14.1901		СО
Very Good	5	13%	121	27%
Good	32	82%	295	66%
Poor	2	5%	26	6%
Very Poor	0	0%	5	1%
Total	39	100%	447	100%

Comprehensiveness of Core Courses:	14.1	1901	UB	co
Very Good	7	18%	89	20%
Good	26	67%	287	65%
Poor	6	15%	56	13%
Very Poor	0	0%	7	2%
Total	39	100%	439	100%

Course Availability:	14.1901		UBCO	
Encountered course availability problems	15	39%	205	47%

Financial Constraints:	14.	14.1901		СО
Had to interrupt studies for financial reasons	2	5%	23	5%
Had to take program part-time for financial reasons	1	3%	34	8%



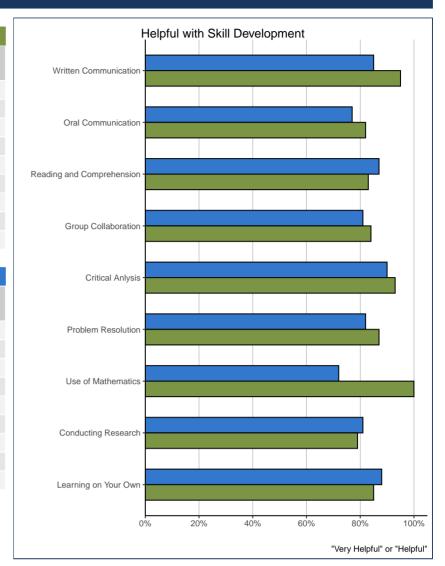
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SKILL DEVELOPMENT

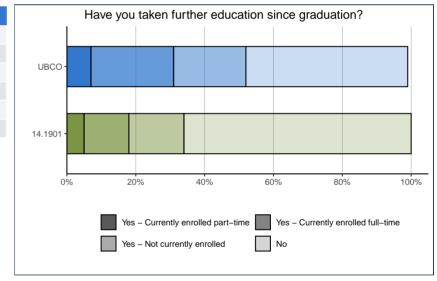
			14.1901		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	32%	63%	5%	0%	38
Oral Communication	24%	58%	18%	0%	38
Reading and Comprehension	21%	62%	15%	3%	39
Group Collaboration	33%	51%	15%	0%	39
Critical Anlysis	44%	49%	8%	0%	39
Problem Resolution	28%	59%	13%	0%	39
Use of Mathematics	46%	54%	0%	0%	39
Conducting Research	38%	41%	22%	0%	37
Learning on Your Own	49%	36%	13%	3%	39

			UBCO		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	27%	58%	13%	2%	437
Oral Communication	21%	56%	20%	3%	443
Reading and Comprehension	31%	56%	11%	1%	445
Group Collaboration	29%	52%	17%	2%	448
Critical Anlysis	46%	44%	8%	1%	448
Problem Resolution	24%	58%	14%	3%	438
Use of Mathematics	21%	51%	20%	8%	377
Conducting Research	33%	48%	17%	2%	431
Learning on Your Own	37%	51%	9%	2%	448

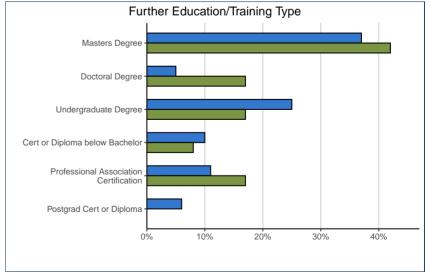


FURTHER EDUCATION

Took further education since 2020 graduation:	14.1901		UBCO	
Yes	13	34%	239	53%
Not currently enrolled	6	16%	96	21%
Currently enrolled full-time	5	13%	110	24%
Currently enrolled part-time	2	5%	31	7%
No	25	66%	210	47%
Total	38	100%	449	100%



Type of Formal Post-Secondary Education:	14	14.1901		UBCO	
Masters Degree	5	42%	87	37%	
Doctoral Degree	2	17%	12	5%	
Another Undergraduate Degree	2	17%	59	25%	
Certificate or Diploma below Bachelor level	1	8%	23	10%	
Professional Association Certification	2	17%	27	11%	
Postgraduate Certificate or Diploma	0	0%	14	6%	
Other	0	0%	13	6%	
Total	12	100%	235	100%	





EMPLOYMENT

34

8.9%

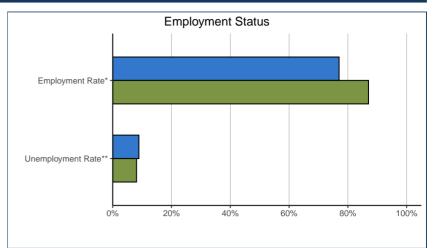
Labour Fource Status:	14.1901		UBCO	
In Labour Force (working or seeking work)	37	95%	381	86%
Not in Labour Force	2	5%	62	14%
Total	39	100%	443	100%
Employment:	14.1901		UBCO	
Employment Rate*	34	87%	347	77%

3

8.1%



^{**}Percent = Total unemployed divided by total number in Labour Force

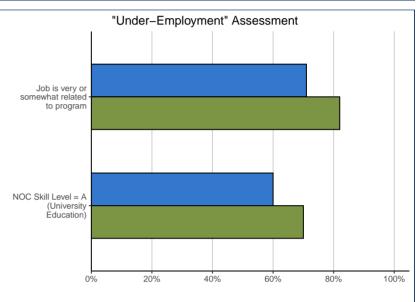


Status of Graduates NOT in Labour Force:	14.1	1901	UBCO	
Attending School FT	2	100%	51	82%
Attending School PT	0	0%	2	3%
Other	0	0%	9	15%
Total NOT in Labour Force	2	100%	62	100%

Primary Employment Type:	14.1901		UBCO	
Paid worker	33	97%	327	95%
Self-employed	1	3%	19	5%
Total	34	100%	346	100%

Job Characteristics:	14.	1901	UE	СО
I hold more than one job*	5	15%	68	20%
My main job is full-time (>= 30 hours per week)**	31	97%	290	88%

^{*}Of total Employed



How related is your main job to your program?	14.1901		UBCO	
Very Related	10	29%	132	38%
Somewhat Related	18	53%	116	33%
Not Very Related	4	12%	49	14%
Not at All Related	2	6%	50	14%
Total	34	100%	347	100%

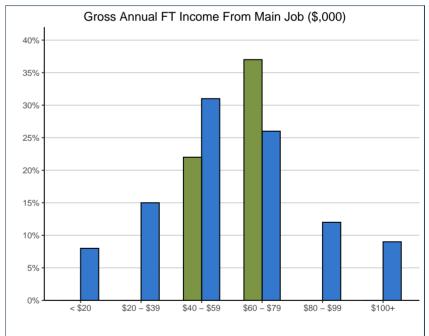
"Under-employment" Assessment:	14.1	901	UB	СО
Job is very or somewhat related to program	28	82%	248	71%
NOC Skill Level = A (University Education)*	23	70%	199	60%

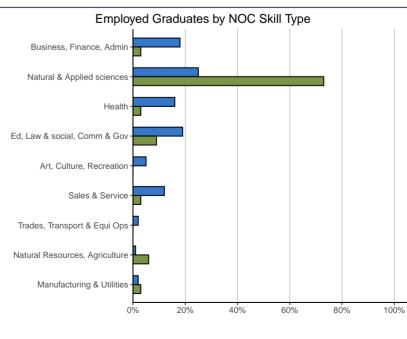
^{*}Of total valid responses

Gross Annual Income from Main Job:*	14.	1901	UB	СО
Less than \$20,000	0	0%	21	8%
\$20,000 to \$39,999	~	~	40	15%
\$40,000 to \$59,999	6	22%	84	31%
\$60,000 to \$79,999	10	37%	72	26%
\$80,000 to \$99,999	~	~	32	12%
\$100,000 and Above	~	~	26	9%
Total	27	100%	275	100%
Median Annual Income (full-time) (\$)	67,102		60,500	
Average Annual Income (full-time) (\$)	80,814		66,343	

^{*}Where data provided

NOC Skill Type of Main Job:	14.1901		UBCO	
Business, finance & administration	1	3%	61	18%
Natural & applied sciences & related	24	73%	83	25%
Health	1	3%	52	16%
Education, law and social, community & government	3	9%	64	19%
Art, culture, recreation & sport	0	0%	16	5%
Sales & service	1	3%	40	12%
Trades, transport & equipment operators & related	0	0%	6	2%
Natural resources, agriculture & related production	2	6%	4	1%
Manufacturing & utilities	1	3%	6	2%
Total	33	100%	332	100%





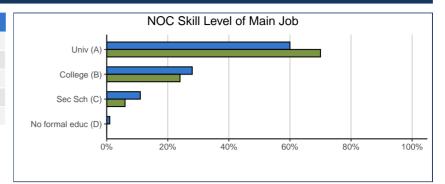
^{**}Of those who provided data on hours/week worked

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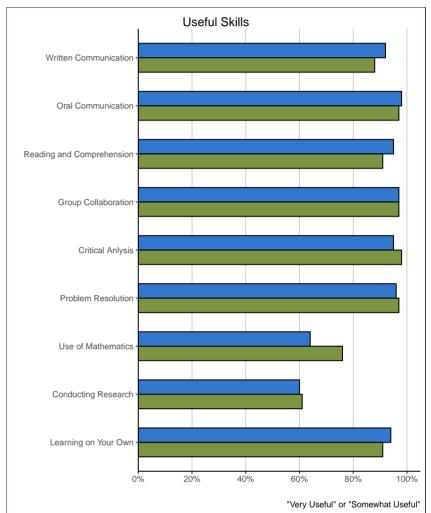
EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.1901		UBCO	
A. University education		70%	199	60%
B. College education/trade apprenticeship	8	24%	94	28%
C. Secondary school + job-specific training	2	6%	36	11%
D. No formal education	0	0%	3	1%
Total	33	100%	332	100%



	14.1901				
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	53%	35%	6%	6%	34
Oral Communication	76%	21%	0%	3%	34
Reading and Comprehension	76%	15%	6%	3%	34
Group Collaboration	71%	26%	0%	3%	34
Critical Anlysis	74%	24%	0%	3%	34
Problem Resolution	71%	26%	3%	0%	34
Use of Mathematics	35%	41%	18%	6%	34
Conducting Research	29%	32%	24%	15%	34
Learning on Your Own	53%	38%	3%	6%	34

	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	66%	26%	4%	4%	347
Oral Communication	78%	20%	1%	1%	346
Reading and Comprehension	73%	22%	4%	1%	347
Group Collaboration	79%	18%	1%	1%	347
Critical Anlysis	75%	20%	3%	2%	347
Problem Resolution	80%	16%	2%	2%	346
Use of Mathematics	25%	39%	21%	16%	339
Conducting Research	28%	32%	24%	16%	341
Learning on Your Own	66%	28%	4%	3%	344



Top 10 Full-time Occupations of 14.1901 Graduates:		14.1901	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2132	A	Mechanical engineers	41%
*			
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^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed

Top 10 Full-time Occupations of UBCO Graduates:			UBCO
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	Α	Registered nurses and registered psychiatric nurses	9%
2132	Α	Mechanical engineers	4%
2131	Α	Civil engineers	3%
1221	В	Administrative officers	3%
XXXX	0	Unclassified occupations	2%
4031	Α	Secondary school teachers	2%
4161	Α	Natural and applied science policy researchers, consultants and program officers	2%
4212	В	Social and community service workers	2%
1123	Α	Professional occupations in advertising, marketing and public relations	2%
2174	A	Computer programmers and interactive media developers	2%

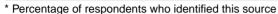
^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*		1901	UBCO		
Personal savings, investments	nal savings, investments		157	35%	
Employment while studying		39%	222	50%	
Family/Friends	23	61%	278	63%	
Personal bank loans	3	8%	19	4%	
Government student loans	19	50%	163	37%	
Scholarships/Bursaries/Grants	15	39%	173	39%	
Other	3	8%	63	14%	
Total	38		444		

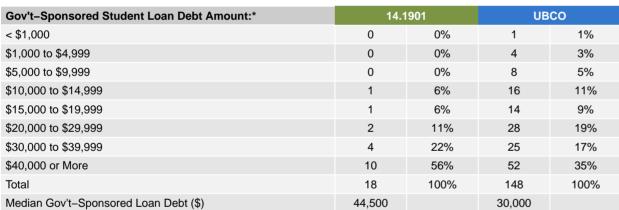


Financial Debt Incurred to Finance Bac. Ed.:*	14.1901		UBCO	
Incurred any form of financial debt	54%	211	47%	
Incurred government-sponsored student loan debt	21	54%	185	41%

^{*} Percentage of respondents who provided data



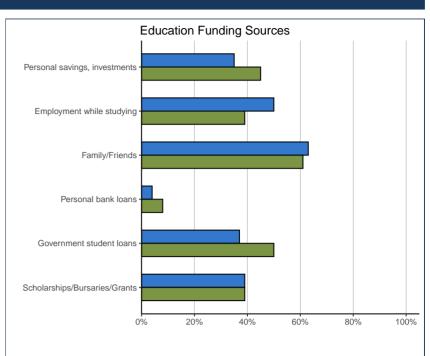
^{*} Includes only cases where financial debt was incurred

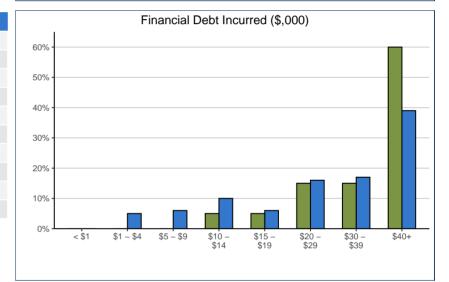


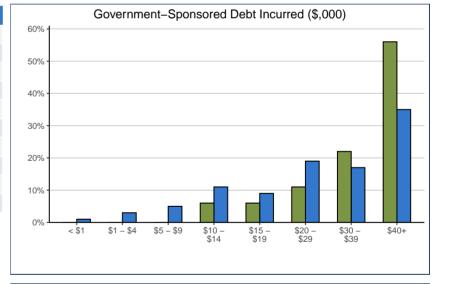
^{*} Includes only cases where government–sponsored debt was incurred

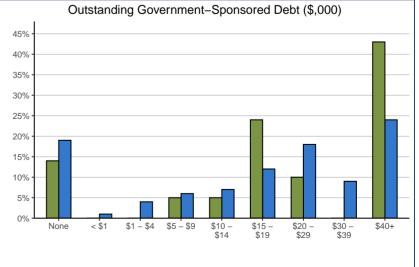


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









^{**} Median amounts shown are based on those who had remaining government student loan debt