

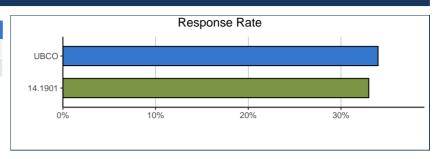
B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

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	116	100%	1,531	100%
Survey Respondents and Response Rate	38	33%	520	34%

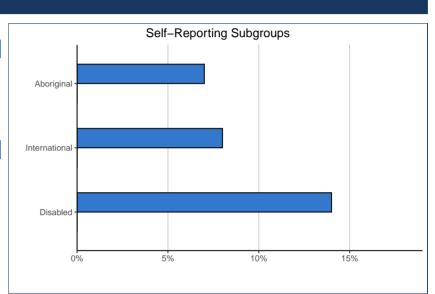


DEMOGRAPHIC INFORMATION

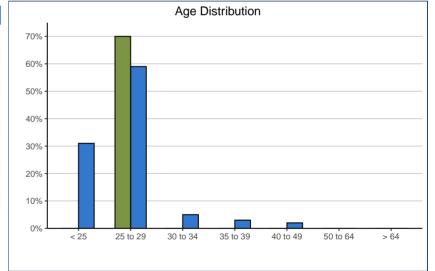
Self-Reporting Subgroups:	14.1901		UBCO	
Disabled	~	~	69	14%
International	~	~	39	8%
Aboriginal	~	~	31	7%

Gender:*	14.1901		UBCO	
Male	31	82%	228	44%
Female	7	18%	292	56%
Total	38	100%	520	100%

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



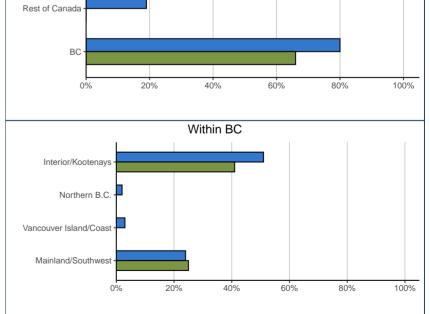
Age (at time of survey):	14.1901		UBCO	
< 25	~	~	158	31%
25 to 29	26	70%	304	59%
30 to 34	~	~	26	5%
35 to 39	0	0%	14	3%
40 to 49	~	~	9	2%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	37	100%	516	100%
Median Age	25		25	
Average (mean) Age	26		26	



Place of Residence

USA

Place of Residence (at time of survey):	14.	14.1901		UBCO	
BC – Mainland/Southwest	8	8 25%		24%	
BC - Vancouver Island/Coast	0	0%	14	3%	
BC – Northern B.C.	0	0%	10	2%	
BC – Interior/Kootenays	13	41%	231	51%	
BC Subtotal	21	66%	363	80%	
Canada – Alberta	~	~	53	12%	
Canada – Ontario	~	~	19	4%	
Canada – Other	0	0%	15	3%	
U.S.A.	~	~	6	1%	
Non-BC Subtotal	11	34%	93	20%	
Total	32	100%	456	100%	





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

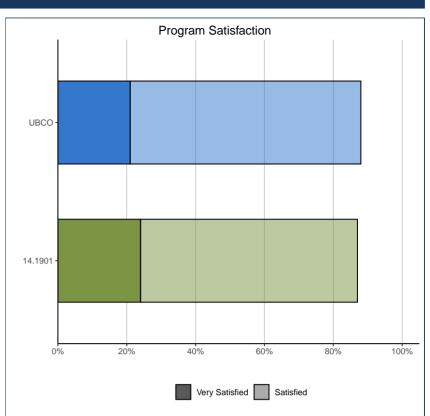


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.1901		UBCO	
Very Satisfied	9	24%	109	21%
Satisfied	24	63%	342	67%
Dissatisfied	4	11%	54	11%
Very Dissatisfied	1	3%	9	2%
Total	38	100%	514	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.1901		UBCO	
Very Useful	9	26%	118	30%
Somewhat Useful	20	59%	196	50%
Not Very Useful	5	15%	65	17%
Not at All Useful	0	0%	13	3%
Total	34	100%	392	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.	14.1901		UBCO	
Yes	4	11%	34	7%	
No	33	89%	474	93%	



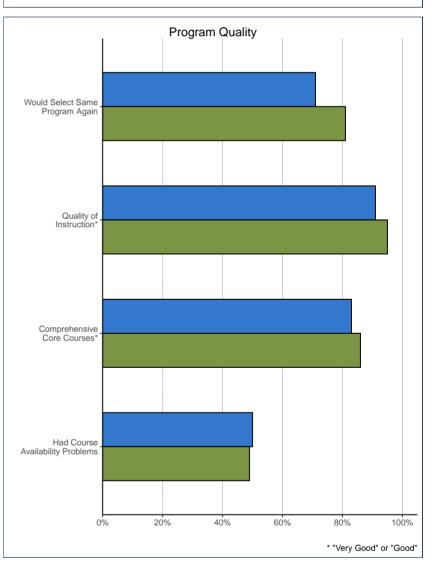
Would select the same program again:	14.1901		UBCO	
Yes	30	81%	327	71%
No	7	19%	131	29%

Quality of Instruction:	14.	14.1901		UBCO	
Very Good	6	16%	111	21%	
Good	30	79%	362	70%	
Poor	2	5%	39	8%	
Very Poor	0	0%	7	1%	
Total	38	100%	519	100%	

Comprehensiveness of Core Courses:	14.	14.1901		UBCO	
Very Good	7	18%	107	21%	
Good	26	68%	321	62%	
Poor	3	8%	80	16%	
Very Poor	2	5%	8	2%	
Total	38	100%	516	100%	

A 11 1 1111				
Course Availability:	14.1901		UBCO	
Encountered course availability problems	18	49%	252	50%

Financial Constraints:	14.1901		UB	СО
Had to interrupt studies for financial reasons	2	5%	42	8%
Had to take program part-time for financial reasons	1	3%	52	10%

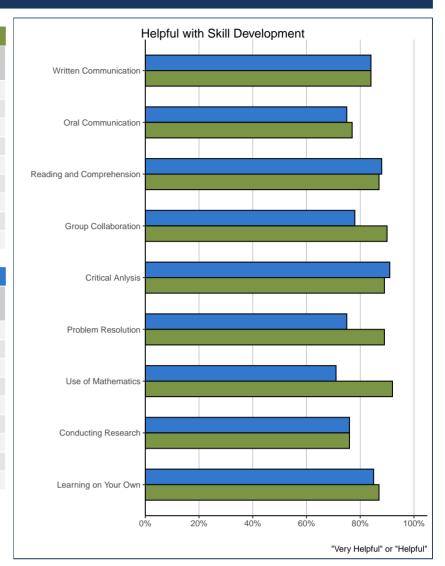




SKILL DEVELOPMENT

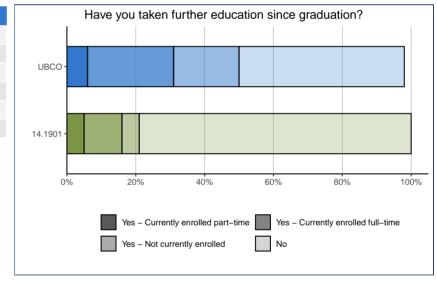
			14.1901		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	14%	70%	16%	0%	37
Oral Communication	11%	66%	24%	0%	38
Reading and Comprehension	21%	66%	13%	0%	38
Group Collaboration	29%	61%	11%	0%	38
Critical Anlysis	50%	39%	11%	0%	38
Problem Resolution	34%	55%	11%	0%	38
Use of Mathematics	50%	42%	8%	0%	38
Conducting Research	21%	55%	21%	3%	38
Learning on Your Own	50%	37%	8%	5%	38

			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

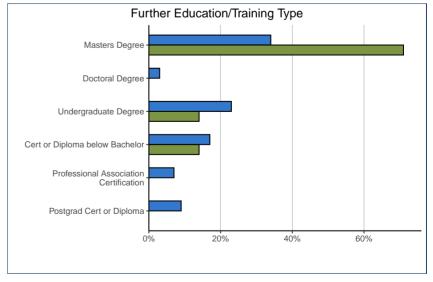


FURTHER EDUCATION

Took further education since 2021 graduation:	14.1901		UB	СО
Yes	8	21%	266	52%
Not currently enrolled	2	5%	100	19%
Currently enrolled full-time	4	11%	131	25%
Currently enrolled part-time	2	5%	32	6%
No	30	79%	250	48%
Total	38	100%	516	100%



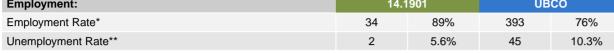
Type of Formal Post–Secondary Education:	14.	14.1901		3CO
Masters Degree	5	71%	89	34%
Doctoral Degree	0	0%	8	3%
Another Undergraduate Degree	1	14%	60	23%
Certificate or Diploma below Bachelor level	1	14%	44	17%
Professional Association Certification	0	0%	19	7%
Postgraduate Certificate or Diploma	0	0%	24	9%
Other	0	0%	17	7%
Total	7	100%	261	100%



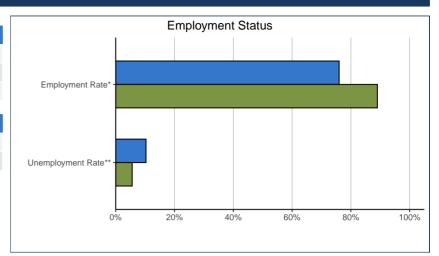


EMPLOYMENT

Labour Fource Status:	14.	14.1901		CO
In Labour Force (working or seeking work)	36	95%	438	86%
Not in Labour Force	2	5%	69	14%
Total	38	100%	507	100%
Employment:	14.1901		UB	CO
Employment Pate*	2.4	200/	303	76%



^{*}Percent = Total employed divided by total number of respondents

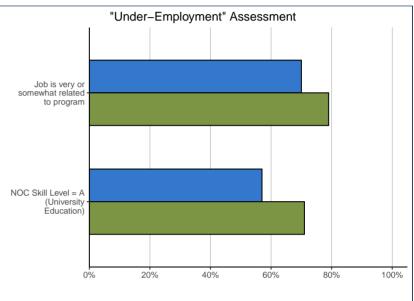


Status of Graduates NOT in Labour Force:	14.1901		UB	СО
Attending School FT	2	100%	58	84%
Attending School PT	0	0%	1	1%
Other	0	0%	10	14%
Total NOT in Labour Force	2	100%	69	100%

Primary Employment Type:	14.1901		UB	СО
Paid worker	34	100%	367	93%
Self-employed	0	0%	26	7%
Total	34	100%	393	100%

Job Characteristics:	14.1901		UB	СО
I hold more than one job*	3	9%	76	19%
My main job is full-time (>= 30 hours per week)**	33	100%	327	87%

^{*}Of total Employed



How related is your main job to your program?	14.1901		UB	CO
Very Related	10	29%	127	32%
Somewhat Related	17	50%	147	37%
Not Very Related	3	9%	52	13%
Not at All Related	4	12%	67	17%
Total	34	100%	393	100%

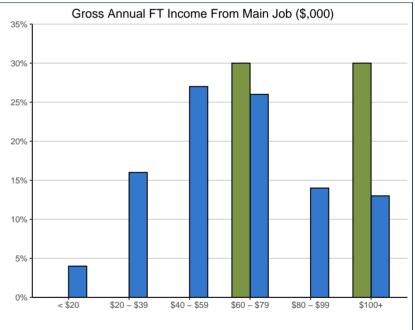
"Under-employment" Assessment:	14.1901		UBCO	
Job is very or somewhat related to program	27	79%	274	70%
NOC Skill Level = A (University Education)*	22	71%	209	57%

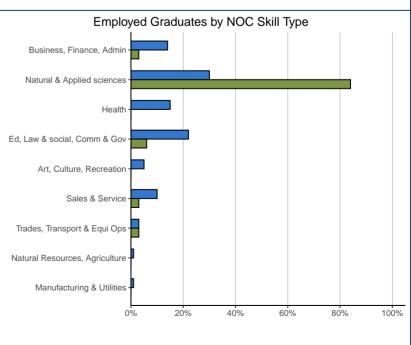
^{*}Of total valid responses

Gross Annual Income from Main Job:*	14.	1901	UBCO		
Less than \$20,000	0	0%	14	4%	
\$20,000 to \$39,999	~	~	51	16%	
\$40,000 to \$59,999	~	~	87	27%	
\$60,000 to \$79,999	8	30%	83	26%	
\$80,000 to \$99,999	~	~	44	14%	
\$100,000 and Above	8	30%	40	13%	
Total	27	100%	319	100%	
Median Annual Income (full-time) (\$)	78,000		64,000		
Average Annual Income (full-time) (\$)	91,113		71,267		

^{*}Where data provided

NOC Skill Type of Main Job:	14.1901		UBCO	
Business, finance & administration		3%	52	14%
Natural & applied sciences & related	26	84%	108	30%
Health		0%	56	15%
Education, law and social, community & government	2	6%	81	22%
Art, culture, recreation & sport	0	0%	18	5%
Sales & service	1	3%	35	10%
Trades, transport & equipment operators & related	1	3%	11	3%
Natural resources, agriculture & related production	0	0%	2	1%
Manufacturing & utilities	0	0%	3	1%
Total	31	100%	366	100%



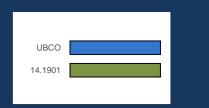


^{**}Percent = Total unemployed divided by total number in Labour Force

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

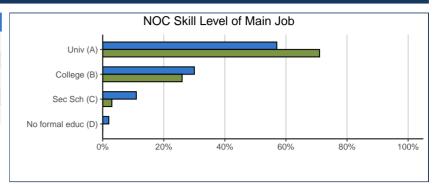


Detailed Summary of Survey Results University of British Columbia Okanagan 14.1901: Mechanical engineering



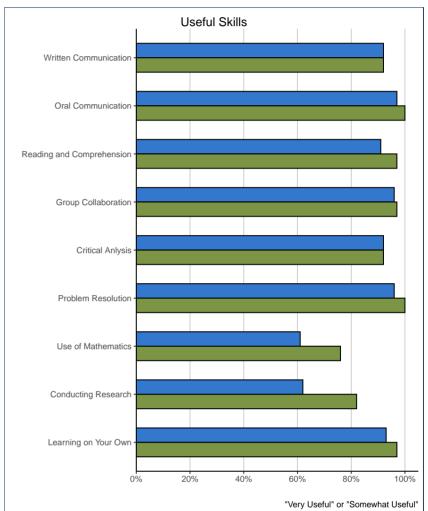
EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.1901		UBCO	
A. University education		71%	209	57%
B. College education/trade apprenticeship	8	26%	111	30%
C. Secondary school + job-specific training	1	3%	39	11%
D. No formal education	0	0%	7	2%
Total	31	100%	366	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	68%	24%	9%	0%	34
Oral Communication	71%	29%	0%	0%	34
Reading and Comprehension	65%	32%	3%	0%	34
Group Collaboration	79%	18%	3%	0%	34
Critical Anlysis	71%	21%	9%	0%	34
Problem Resolution	82%	18%	0%	0%	34
Use of Mathematics	32%	44%	18%	6%	34
Conducting Research	32%	50%	15%	3%	34
Learning on Your Own	76%	21%	3%	0%	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	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 Occupations of 14.1901 Graduates:		14.1901	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2132	A	Mechanical engineers	38%
*			
*			
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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	7%
XXXX	0	Unclassified occupations	4%
2132	Α	Mechanical engineers	4%
2174	Α	Computer programmers and interactive media developers	3%
4212	В	Social and community service workers	3%
2131	Α	Civil engineers	3%
1221	В	Administrative officers	3%
2173	A	Software engineers and designers	3%
3144	Α	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



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	Sources (3 sources allowed):* 14.1901		UBCO	
Personal savings, investments	18	18 49%		37%
Employment while studying		32%	244	48%
Family/Friends	26	70%	312	62%
Personal bank loans	2	5%	35	7%
Government student loans	8	22%	186	37%
Scholarships/Bursaries/Grants	12	32%	192	38%
Other	10	27%	90	18%
Total	37		507	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	14.1901		UBCO	
Incurred any form of financial debt	15	42%	250	49%
Incurred government-sponsored student loan debt	12	32%	213	41%

^{*} Percentage of respondents who provided data



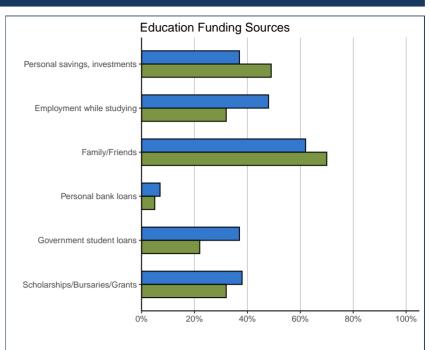
^{*} Includes only cases where financial debt was incurred

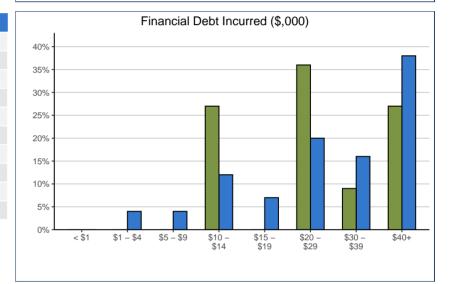


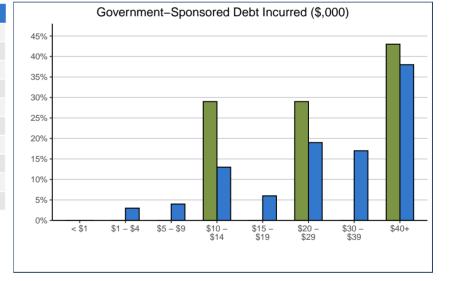
^{*} Includes only cases where government-sponsored debt was incurred

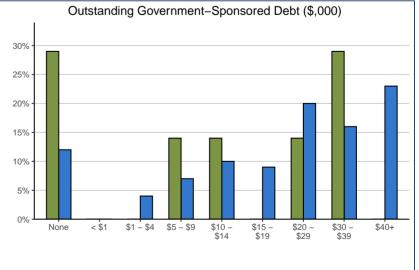


^{*} Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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