

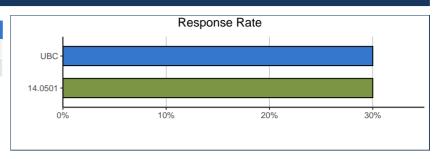
B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

UBC 14.0501

Detailed Summary of Survey Results
University of British Columbia
14.0501: Bioengineering and biomedical engineering

RESPONSE RATE

Survey Response Rate:	14.0501		UBC	
Baccalaureate Graduates Survey Cohort	99	100%	7,002	100%
Survey Respondents and Response Rate	30	30%	2,067	30%

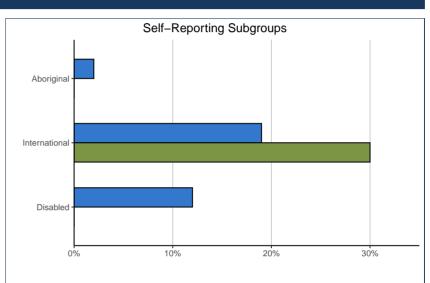


DEMOGRAPHIC INFORMATION

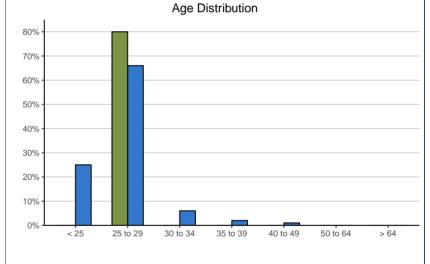
Self-Reporting Subgroups:	14.0501		UBC	
Disabled	~	~	233	12%
International	9	30%	400	19%
Aboriginal	0	0%	28	2%

Gender:*	14.0501		UBC	
Male	17	57%	910	44%
Female	13	43%	1,157	56%
Total	30	100%	2,067	100%

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



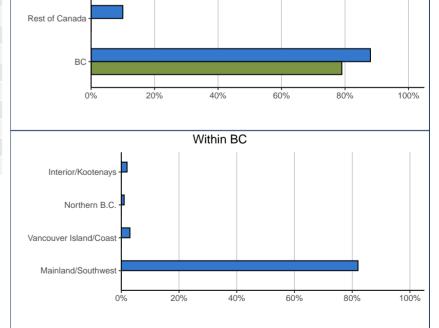
Age (at time of survey):	14.0501		UBC	
< 25	~	~	504	25%
25 to 29	24	80%	1,358	66%
30 to 34	~	~	126	6%
35 to 39	0	0%	32	2%
40 to 49	~	~	28	1%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	30	100%	2,054	100%
Median Age	25		25	
Average (mean) Age	27		26	



Place of Residence

USA -

Place of Residence (at time of survey):	14.0501		UBC	
BC - Mainland/Southwest	~ ~		1,470	82%
BC - Vancouver Island/Coast	0	0%	45	3%
BC – Northern B.C.	~	~	21	1%
BC – Interior/Kootenays	~	~	37	2%
BC Subtotal	22	79%	1,573	88%
Canada – Alberta	~	~	78	4%
Canada – Ontario	~	~	79	4%
Canada - Other	0	0%	32	2%
U.S.A.	0	0%	34	2%
Non-BC Subtotal	6	21%	223	12%
Total	28	100%	1,796	100%





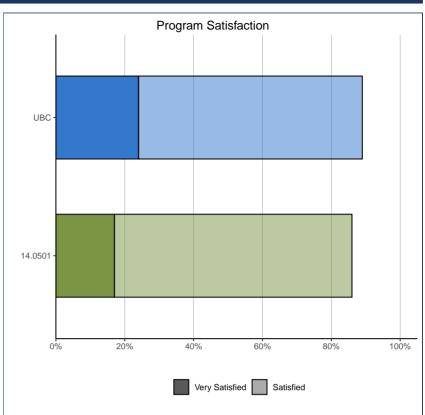


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.0501		UBC	
Very Satisfied	5	17%	492	24%
Satisfied	20	69%	1,327	65%
Dissatisfied	4	14%	174	9%
Very Dissatisfied	0	0%	43	2%
Total	29	100%	2,036	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.0501		UBC	
Very Useful	7	29%	545	35%
Somewhat Useful	13	54%	723	46%
Not Very Useful	4	17%	231	15%
Not at All Useful	0	0%	63	4%
Total	24	100%	1,562	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.0	14.0501		UBC	
Yes	3	10%	132	6%	
No	26	90%	1,901	94%	



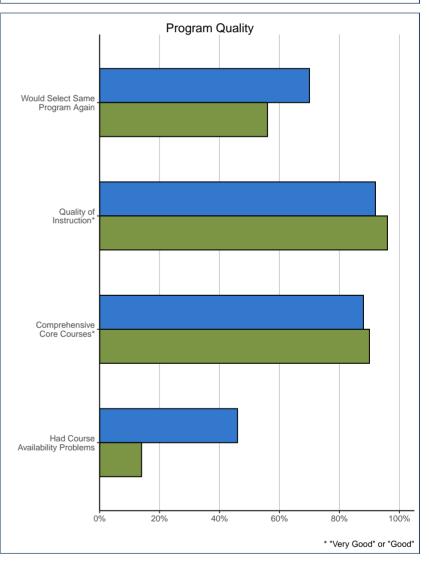
Would select the same program again:	14.0501		UBC	
Yes	14	56%	1,257	70%
No	11	44%	532	30%

Quality of Instruction:	14.0	14.0501		UBC	
Very Good	5	17%	571	28%	
Good	23	79%	1,313	64%	
Poor	1	3%	141	7%	
Very Poor	0	0%	26	1%	
Total	29	100%	2.051	100%	

Comprehensiveness of Core Courses:	14.0	14.0501		UBC	
Very Good	3	11%	523	26%	
Good	22	79%	1,252	62%	
Poor	2	7%	207	10%	
Very Poor	1	4%	38	2%	
Total	28	100%	2.020	100%	

Course Availability:	14.0	501	UBC	
Encountered course availability problems	4	14%	916	46%

Financial Constraints:	14.	14.0501		BC
Had to interrupt studies for financial reasons	0	0%	116	6%
Had to take program part-time for financial reasons	2	7%	178	9%



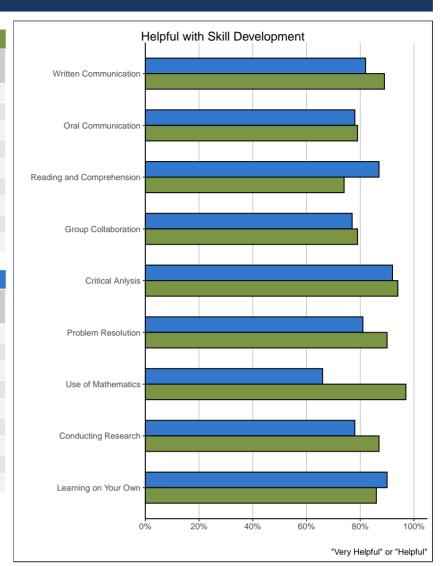




SKILL DEVELOPMENT

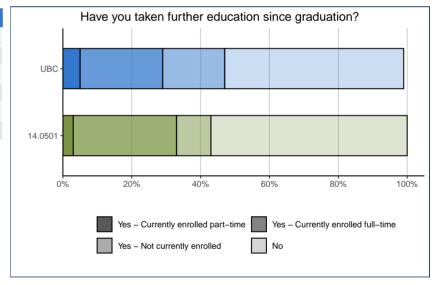
			14.0501		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	32%	57%	7%	4%	28
Oral Communication	29%	50%	21%	0%	28
Reading and Comprehension	17%	57%	23%	3%	30
Group Collaboration	38%	41%	21%	0%	29
Critical Anlysis	47%	47%	7%	0%	30
Problem Resolution	50%	40%	10%	0%	30
Use of Mathematics	40%	57%	3%	0%	30
Conducting Research	28%	59%	14%	0%	29
Learning on Your Own	43%	43%	13%	0%	30

			UBC		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	25%	57%	15%	3%	2,007
Oral Communication	23%	55%	19%	3%	2,013
Reading and Comprehension	33%	54%	11%	2%	2,033
Group Collaboration	26%	51%	19%	4%	2,030
Critical Anlysis	45%	47%	7%	2%	2,052
Problem Resolution	26%	55%	16%	3%	2,015
Use of Mathematics	20%	46%	24%	9%	1,657
Conducting Research	30%	48%	17%	4%	1,966
Learning on Your Own	43%	47%	9%	2%	2,037

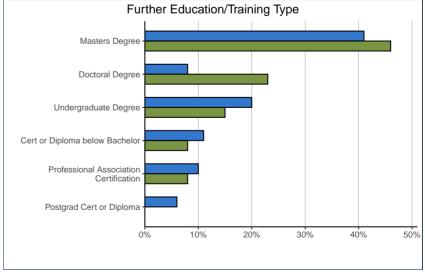


FURTHER EDUCATION

Took further education since 2021 graduation:	14.0501		UBC	
Yes	13	43%	980	48%
Not currently enrolled	3	10%	370	18%
Currently enrolled full-time	9	30%	498	24%
Currently enrolled part-time	1	3%	103	5%
No	17	57%	1,070	52%
Total	30	100%	2,050	100%



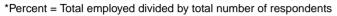
Type of Formal Post–Secondary Education:	14.	14.0501		вс
Masters Degree	6	46%	399	41%
Doctoral Degree	3	23%	78	8%
Another Undergraduate Degree	2	15%	198	20%
Certificate or Diploma below Bachelor level	1	8%	103	11%
Professional Association Certification	1	8%	102	10%
Postgraduate Certificate or Diploma	0	0%	61	6%
Other	0	0%	32	3%
Total	13	100%	973	100%



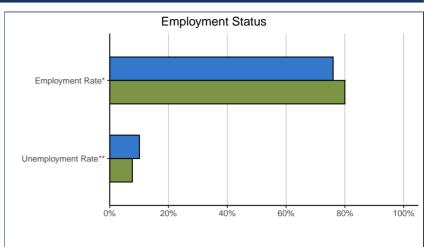


EMPLOYMENT

Labour Fource Status:	14	14.0501		вс		
In Labour Force (working or seeking work)	26	26 87%		86%		
Not in Labour Force	4	13%	277	14%		
Total	30	100%	2,023	100%		
Employment:	14	14.0501		14.0501 U		3C
Employment Rate*	24	80%	1,569	76%		
Unemployment Rate**	2	7.7%	177	10.1%		



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

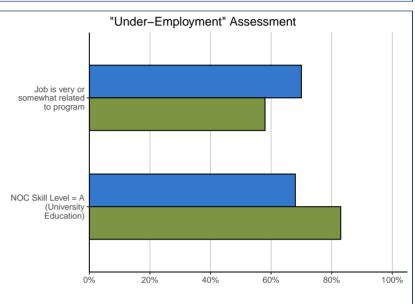


Status of Graduates NOT in Labour Force:	14.0501		UBC	
Attending School FT	4	100%	220	79%
Attending School PT	0	0%	7	3%
Other	0	0%	50	18%
Total NOT in Labour Force	4	100%	277	100%

Primary Employment Type:	14.0501		UBC	
Paid worker	24	100%	1,480	95%
Self-employed	0	0%	82	5%
Total	24	100%	1,562	100%

Job Characteristics:	14.0501		UBC	
I hold more than one job*	0 0%		232	15%
My main job is full-time (>= 30 hours per week)**	19	79%	1,295	87%

^{*}Of total Employed



How related is your main job to your program?	14.0501		UBC	
Very Related	8	33%	592	38%
Somewhat Related	6	25%	493	32%
Not Very Related	7	29%	230	15%
Not at All Related	3	13%	245	16%
Total	24	100%	1,560	100%

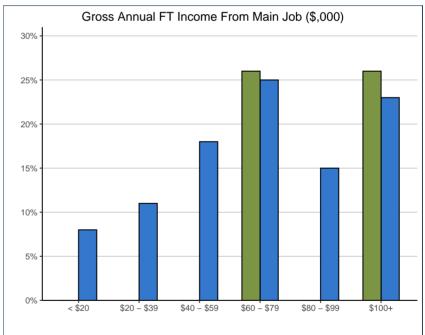
"Under-employment" Assessment:	14.0501		UBC	
Job is very or somewhat related to program	14	58%	1,085	70%
NOC Skill Level = A (University Education)*	19	83%	969	68%

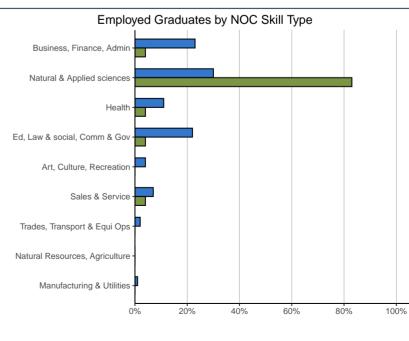
^{*}Of total valid responses

Gross Annual Income from Main Job:*	14.0	14.0501		ВС
Less than \$20,000	~	~	101	8%
\$20,000 to \$39,999	~	~	130	11%
\$40,000 to \$59,999	~	~	222	18%
\$60,000 to \$79,999	5	26%	297	25%
\$80,000 to \$99,999	~	~	185	15%
\$100,000 and Above	5	26%	274	23%
Total	19	100%	1,209	100%
Median Annual Income (full-time) (\$)	88,000		73,750	
Average Annual Income (full-time) (\$)	87,232		84,372	

^{*}Where data provided

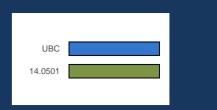
NOC Skill Type of Main Job:	14.0501		UBC	
Business, finance & administration	1	4%	322	23%
Natural & applied sciences & related	19	83%	433	30%
Health	1	4%	162	11%
Education, law and social, community & government	1	4%	314	22%
Art, culture, recreation & sport	0	0%	54	4%
Sales & service	1	4%	102	7%
Trades, transport & equipment operators & related	0	0%	25	2%
Natural resources, agriculture & related production	0	0%	6	0%
Manufacturing & utilities	0	0%	12	1%
Total	23	100%	1,430	100%





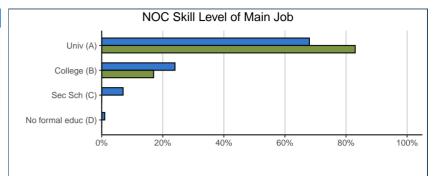
^{**}Of those who provided data on hours/week worked





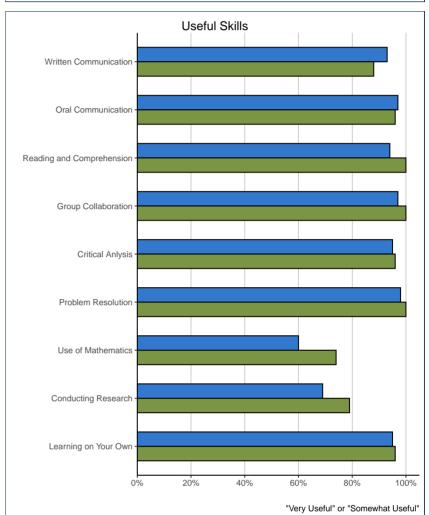
EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.0501		UBC	
A. University education	19	83%	969	68%
B. College education/trade apprenticeship	4	17%	349	24%
C. Secondary school + job-specific training	0	0%	99	7%
D. No formal education	0	0%	18	1%
Total	23	100%	1,435	100%



	14.0501				
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	67%	21%	8%	4%	24
Oral Communication	83%	13%	4%	0%	24
Reading and Comprehension	65%	35%	0%	0%	23
Group Collaboration	96%	4%	0%	0%	24
Critical Anlysis	83%	13%	4%	0%	24
Problem Resolution	71%	29%	0%	0%	24
Use of Mathematics	26%	48%	13%	13%	23
Conducting Research	33%	46%	8%	13%	24
Learning on Your Own	79%	17%	0%	4%	24

		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	70%	23%	5%	2%	1,559
Oral Communication	77%	20%	2%	1%	1,560
Reading and Comprehension	69%	25%	4%	1%	1,556
Group Collaboration	78%	19%	3%	1%	1,558
Critical Anlysis	75%	20%	4%	1%	1,558
Problem Resolution	79%	19%	2%	1%	1,557
Use of Mathematics	22%	38%	26%	14%	1,522
Conducting Research	37%	32%	19%	12%	1,531
Learning on Your Own	71%	24%	3%	2%	1,556



Top 10 Full-	time Occupations of 14.0501	raduates:	14.0501
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2134	A	Chemical engineers	25%
*			
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^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed

Top 10 Full-time Occupations of UBC Graduates:		UBC	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2173	A	Software engineers and designers	6%
XXXX	0	Unclassified occupations	6%
2174	A	Computer programmers and interactive media developers	3%
1123	A	Professional occupations in advertising, marketing and public relations	3%
4112	A	Lawyers and Quebec notaries	3%
3131	А	Pharmacists	2%
2172	Α	Database analysts and data administrators	2%
2131	A	Civil engineers	2%
3012	A	Registered nurses and registered psychiatric nurses	2%
1241	В	Administrative assistants	2%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.0501		UBC	
Personal savings, investments	s, investments 6 20%		566	28%
Employment while studying		23%	802	40%
Family/Friends		90%	1,472	73%
Personal bank loans	1	3%	105	5%
Government student loans	6	20%	654	32%
Scholarships/Bursaries/Grants	11	37%	658	32%
Other	11	37%	505	25%
Total	30		2,025	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	14.0501		UBC	
Incurred any form of financial debt	d any form of financial debt 7 23			
Incurred government-sponsored student loan debt	6	20%	719	35%

^{*} Percentage of respondents who provided data



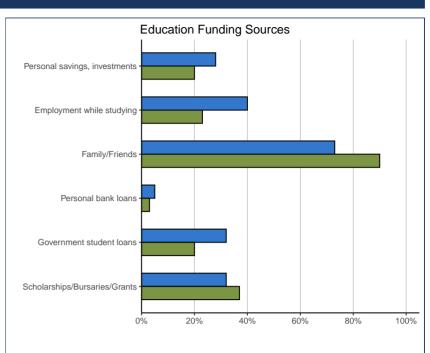
^{*} Includes only cases where financial debt was incurred

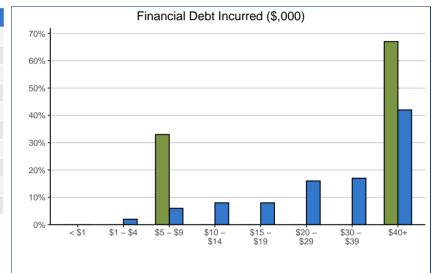


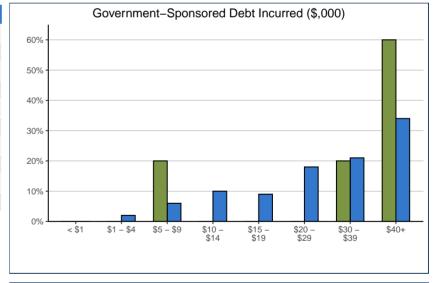
^{*} Includes only cases where government-sponsored debt was incurred

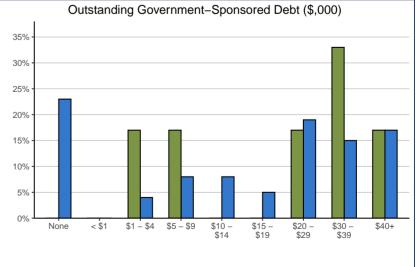


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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