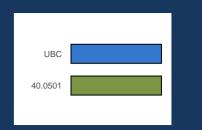


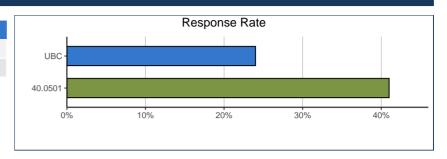
# B.C. Baccalaureate Outcomes 2024 Survey of 2022 Baccalaureate Graduates

Detailed Summary of Survey Results
University of British Columbia
40.0501: Chemistry, general



# RESPONSE RATE

Survey Response Rate:	40.0501		UBC	
Baccalaureate Graduates Survey Cohort	41	100%	6,530	100%
Survey Respondents and Response Rate	17	41%	1,566	24%

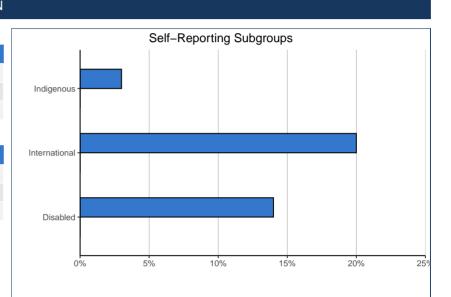


# DEMOGRAPHIC INFORMATION

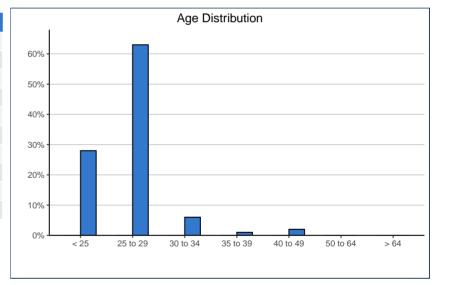
Self-Reporting Subgroups:	40.0501		UBC	
Disabled	~	~	209	14%
International	~	~	318	20%
Indigenous	0	0%	34	3%

Gender:*	40.0501		UBC	
Man/Boy	6	35%	744	48%
Woman/Girl	11	65%	819	52%
Total	17	100%	1,563	100%

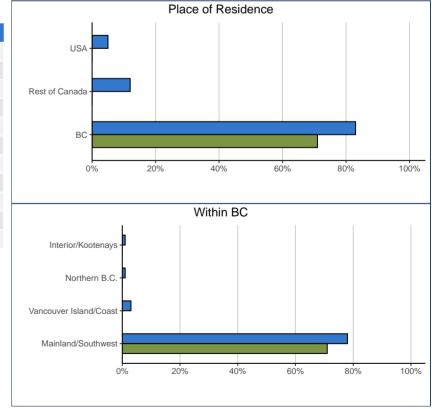
<sup>\*</sup>Due to zero or low counts, institution-reported "Non-Binary" demographic data are not included



Age (at time of survey):	40.0501		UBC	
< 25	~	~	437	28%
25 to 29	~	~	975	63%
30 to 34	0	0%	92	6%
35 to 39	0	0%	21	1%
40 to 49	0	0%	24	2%
50 to 64	0	0%	5	0%
> 64	0	0%	0	0%
Total	16	100%	1,554	100%
Median Age	25		25	
Average (mean) Age	25		26	



Place of Residence (at time of survey):	40.	40.0501		UBC	
BC - Mainland/Southwest	12	71%	1,085	78%	
BC – Vancouver Island/Coast	0	0%	36	3%	
BC – Northern B.C.	0	0%	10	1%	
BC – Interior/Kootenays	0	0%	20	1%	
BC Subtotal	12	71%	1,151	83%	
Canada – Alberta	~	~	57	4%	
Canada – Ontario	~	~	90	6%	
Canada – Other	0	0%	31	2%	
U.S.A.	~	~	65	5%	
Non-BC Subtotal	5	29%	243	17%	
Total	17	100%	1,394	100%	





Detailed Summary of Survey Results University of British Columbia 40.0501: Chemistry, general

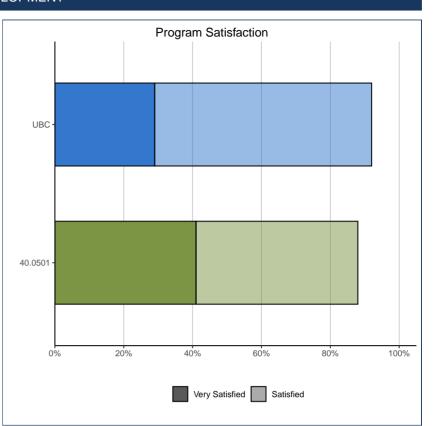


# **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	40.0501		UBC	
Very Satisfied	7	41%	444	29%
Satisfied	8	47%	976	63%
Dissatisfied	2	12%	110	7%
Very Dissatisfied	0	0%	21	1%
Total	17	100%	1,551	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	40.0501		UBC	
Very Useful	4	33%	415	36%
Somewhat Useful	5	42%	573	50%
Not Very Useful	3	25%	132	11%
Not at All Useful	0	0%	33	3%
Total	12	100%	1,153	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	40.0	0501	UBC	
Yes	2	12%	73	5%
No	15	88%	1,468	95%



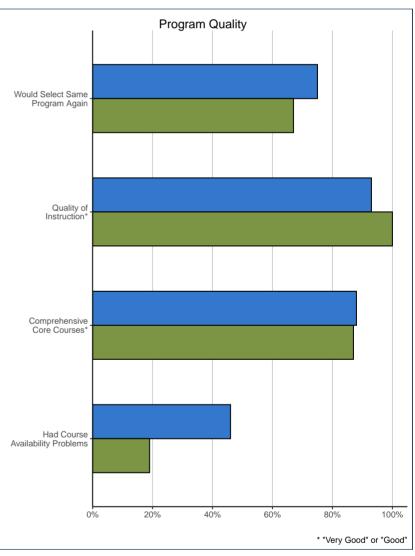
Would select the same program again:	40.0501		UBC	
Yes	10	67%	1,018	75%
No	5	33%	343	25%

Quality of Instruction:	40.	40.0501		UBC	
Very Good	5	29%	470	30%	
Good	12	71%	982	63%	
Poor	0	0%	90	6%	
Very Poor	0	0%	13	1%	
Total	17	100%	1 555	100%	

Comprehensiveness of Core Courses:	40.0	40.0501		UBC	
Very Good	6	40%	450	29%	
Good	7	47%	910	59%	
Poor	2	13%	150	10%	
Very Poor	0	0%	21	1%	
Total	15	100%	1.531	100%	

Course Availability:	40.0501		UBC		
Encountered course availability problems	3	19%	704	46%	

Financial Constraints:	40.0501		UE	ВС
Had to interrupt studies for financial reasons	0	0%	72	5%
Had to take program part-time for financial reasons	1	6%	115	7%



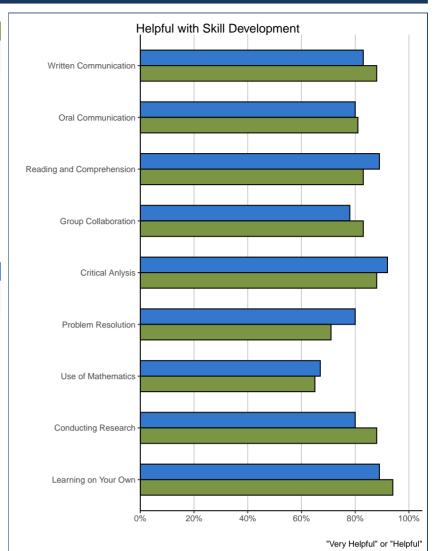
# Detailed Summary of Survey Results University of British Columbia 40.0501: Chemistry, general



# SKILL DEVELOPMENT

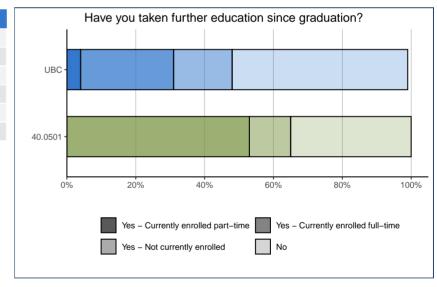
	40.0501				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	29%	59%	12%	0%	17
Oral Communication	25%	56%	19%	0%	16
Reading and Comprehension	12%	71%	12%	6%	17
Group Collaboration	18%	65%	18%	0%	17
Critical Anlysis	35%	53%	12%	0%	17
Problem Resolution	12%	59%	29%	0%	17
Use of Mathematics	12%	53%	29%	6%	17
Conducting Research	50%	38%	13%	0%	16
Learning on Your Own	41%	53%	6%	0%	17

	UBC				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	27%	56%	15%	2%	1,538
Oral Communication	25%	55%	18%	3%	1,534
Reading and Comprehension	36%	53%	10%	1%	1,539
Group Collaboration	30%	48%	18%	3%	1,541
Critical Anlysis	48%	44%	6%	1%	1,556
Problem Resolution	26%	54%	18%	2%	1,518
Use of Mathematics	23%	44%	25%	7%	1,198
Conducting Research	35%	45%	17%	3%	1,477
Learning on Your Own	43%	46%	9%	2%	1,540

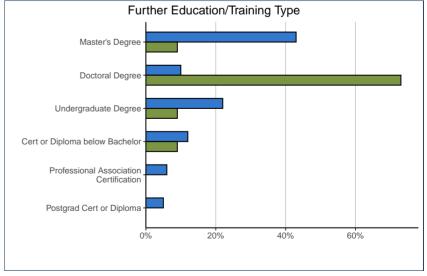


#### **FURTHER EDUCATION**

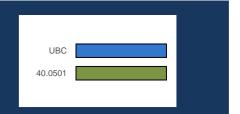
Took further education since 2022 graduation:	40.0	40.0501		ВС
Yes	11	65%	760	49%
Not currently enrolled	2	12%	268	17%
Currently enrolled full-time	9	53%	419	27%
Currently enrolled part-time	0	0%	68	4%
No	6	35%	796	51%
Total	17	100%	1.556	100%



Type of Formal Post–Secondary Education:	40.	40.0501		UBC		
Master's Degree	1	9%	323	43%		
Doctoral Degree	8	73%	72	10%		
Another Undergraduate Degree	1	9%	167	22%		
Certificate or Diploma below Bachelor Level	1	9%	91	12%		
Professional Association Certification	0	0%	44	6%		
Postgraduate Certificate or Diploma	0	0%	36	5%		
Other	0	0%	24	3%		
Total	11	100%	757	100%		



# **Detailed Summary of Survey Results** University of British Columbia 40.0501: Chemistry, general



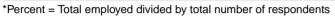
#### **EMPLOYMENT**

134

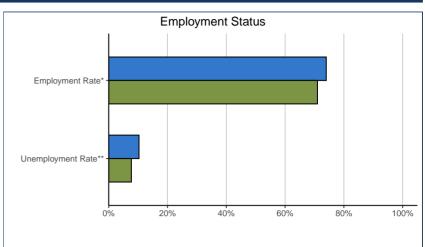
10.3%

7.7%

Labour Fource Status:	40.0501		UBC	
In Labour Force (working or seeking work)	13 81%		1,299	85%
Not in Labour Force	3	19%	225	15%
Total	16	100%	1,524	100%
Employment:	40.0501		UBC	
Employment Rate*	12	71%	1,165	74%



<sup>\*\*</sup>Percent = Total unemployed divided by total number in labour force



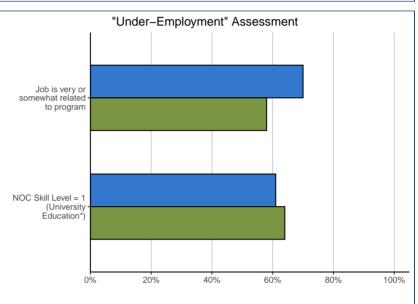
Status of Graduates NOT in Labour Force:	40.0501		UBC	
Attending School FT	3	100%	179	80%
Attending School PT	0	0%	7	3%
Other	0	0%	39	17%
Total NOT in Labour Force	3	100%	225	100%

Primary Employment Type:	40.0501		UE	ВС
Paid Worker	11	92%	1,072	92%
Self-Employed	1	8%	93	8%
Total	12	100%	1,165	100%

Job Characteristics:	40.0501		U	вс
I hold more than one job*	2	17%	175	15%
My main job is full-time (>= 30 hours per week)**	10	83%	941	86%

<sup>\*</sup>Of total employed

Unemployment Rate\*\*



How related is your main job to your program?	40.0501		UBC	
Very Related	6	50%	457	39%
Somewhat Related	1	8%	361	31%
Not Very Related	2	17%	168	14%
Not at All Related	3	25%	175	15%
Total	12	100%	1,161	100%

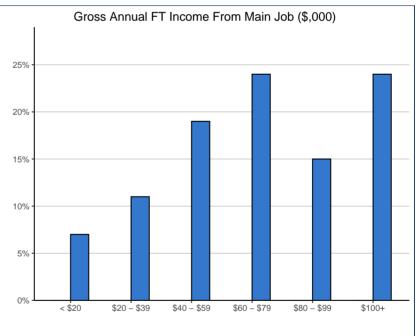
"Under-Employment" Assessment:	40.0501		UBC	
Job is very or somewhat related to program	7	58%	818	70%
NOC Skill Level = 1 (University Education)*	7	64%	672	61%

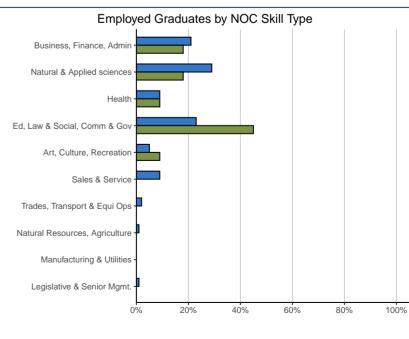
*Of total valid responses; NOC 2021 (TEEF	₹	)	
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Gross Annual Income from Main Job:*	40.0	40.0501		UBC	
Less than \$20,000	0	0%	64	7%	
\$20,000 to \$39,999	~	~	93	11%	
\$40,000 to \$59,999	~	~	172	19%	
\$60,000 to \$79,999	~	~	209	24%	
\$80,000 to \$99,999	~	~	137	15%	
\$100,000 and Above	0	0%	209	24%	
Total	9	100%	884	100%	
Median Annual Income (full-time) (\$)	59,440		75,000		
Average Annual Income (full-time) (\$)	55,951		87,000		

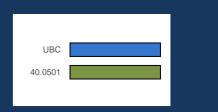
*Where	data	provided

·				
NOC Skill Type of Main Job (NOC 2021):	40.0501		UBC	
Legislative and senior management	0	0%	16	1%
Business, finance & administration	2	18%	234	21%
Natural & applied sciences & related	2	18%	323	29%
Health	1	9%	97	9%
Education, law and social, community & government	5	45%	250	23%
Art, culture, recreation & sport	1	9%	56	5%
Sales & service	0	0%	96	9%
Trades, transport & equipment operators & related	0	0%	24	2%
Natural resources, agriculture & related production	0	0%	9	1%
Manufacturing & utilities	0	0%	3	0%
Total	11	100%	1,108	100%



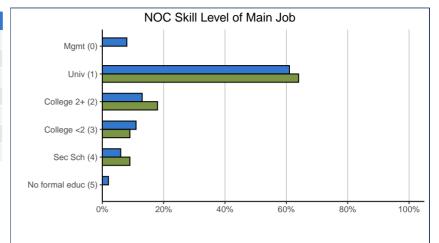


<sup>\*\*</sup>Of those who provided data on hours/week worked



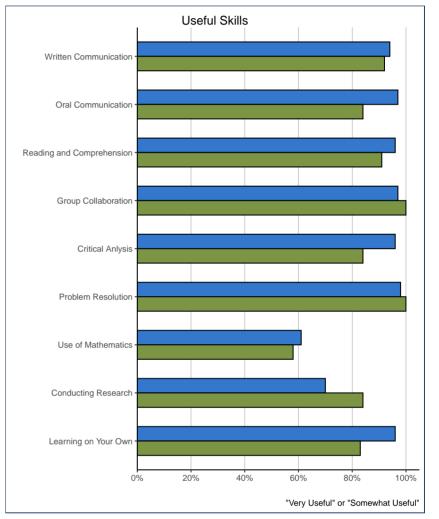
# EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	40.0501		UBC	
0. Management	0 0%		88	8%
1. University education	7	64%	672	61%
2. College education/trade apprenticeship (2+ years)	2	18%	139	13%
3. College education/trade apprenticeship (<2 years)	1	9%	119	11%
4. Secondary school + job-specific training	1	9%	67	6%
5. No formal education	0	0%	23	2%
Total	11	100%	1,108	100%



		40.0501				
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%	25%	8%	0%	12	
Oral Communication	67%	17%	8%	8%	12	
Reading and Comprehension	58%	33%	0%	8%	12	
Group Collaboration	67%	33%	0%	0%	12	
Critical Anlysis	67%	17%	17%	0%	12	
Problem Resolution	75%	25%	0%	0%	12	
Use of Mathematics	33%	25%	17%	25%	12	
Conducting Research	42%	42%	0%	17%	12	
Learning on Your Own	58%	25%	17%	0%	12	

	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%	24%	5%	2%	1,156
Oral Communication	78%	19%	3%	1%	1,157
Reading and Comprehension	70%	26%	4%	1%	1,151
Group Collaboration	77%	20%	3%	1%	1,156
Critical Anlysis	75%	21%	4%	1%	1,155
Problem Resolution	80%	18%	2%	0%	1,155
Use of Mathematics	27%	34%	24%	15%	1,120
Conducting Research	40%	30%	19%	11%	1,129
Learning on Your Own	70%	26%	4%	1%	1,151



Top 10 Full-Tin	ne Occupations of 40.0501	Graduates*:	40.0501
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
41201	1	Post–secondary teaching and research assistants	42%
*			
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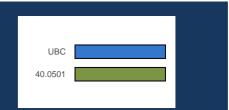
 $<sup>^{\</sup>star}$  Data not displayed where n < 5; NOC 2021

<sup>\*\*</sup> Percentages cited are of those employed

Top 10 Full-Tim	Top 10 Full-Time Occupations of UBC Graduates*:		UBC
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
21231	1	Software engineers and designers	7%
41101	1	Lawyers and Quebec notaries	3%
21232	1	Software developers and programmers	3%
11202	1	Professional occupations in advertising, marketing and public relations	3%
13100	3	Administrative officers	2%
21300	1	Civil engineers	2%
XXXXX	Χ	Unclassified occupations	2%
41201	1	Post-secondary teaching and research assistants	2%
11101	1	Financial and investment analysts	2%
21310	1	Electrical and electronics engineers	2%

<sup>\*</sup> Data not displayed where n < 5; NOC 2021

<sup>\*\*</sup> Percentages cited are of those employed



#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	40.	40.0501		BC .
Personal savings, investments	4	4 24%		28%
Employment while studying	9	53%	647	42%
Family/Friends	13	76%	1,106	72%
Personal bank loans	0	0%	63	4%
Government student loans	4	24%	462	30%
Scholarships/Bursaries/Grants	4	24%	531	35%
Other	8	47%	362	24%
Total	17		1,531	

<sup>\*</sup> Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	40.0	)501	U	вс
Incurred any form of financial debt	5	29%	577	38%
Incurred government-sponsored student loan debt	4	24%	505	33%

<sup>\*</sup> Percentage of respondents who provided data



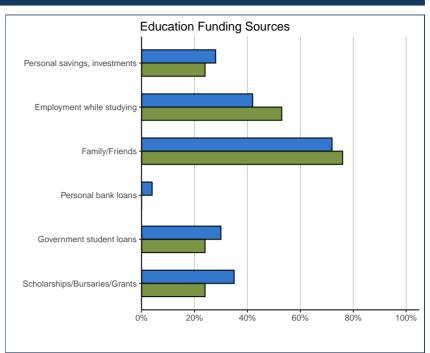
<sup>\*</sup> Includes only cases where financial debt was incurred

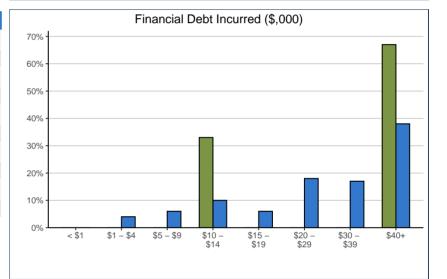


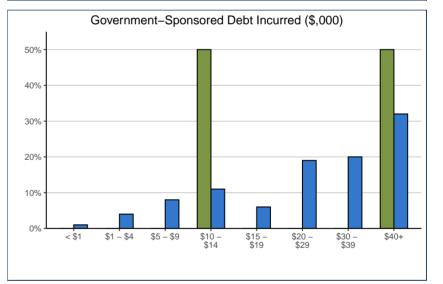
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

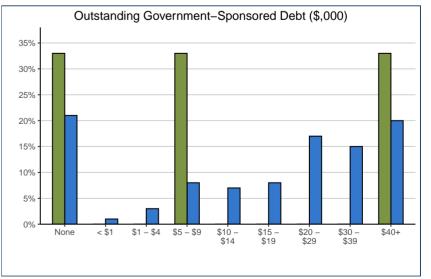


<sup>\*</sup> Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









<sup>\*\*</sup> Median amounts shown are based on those who had remaining government student loan debt