

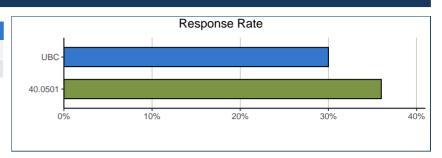
# B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

UBC 40.0501

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	42	100%	7,002	100%
Survey Respondents and Response Rate	15	36%	2,067	30%

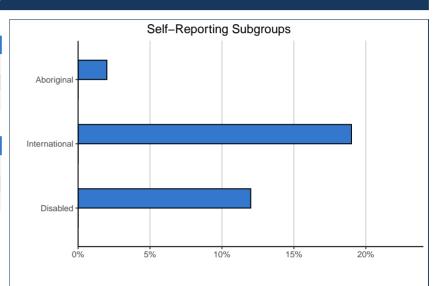


### DEMOGRAPHIC INFORMATION

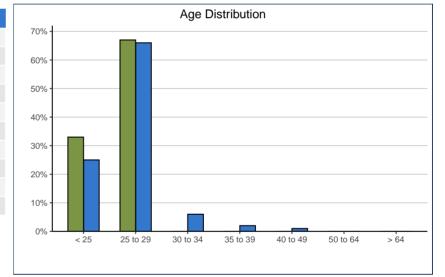
Self-Reporting Subgroups:	40.0501		UBC	
Disabled	~	~	233	12%
International	~	~	400	19%
Aboriginal	0	0%	28	2%

Gender:*	40.0501		UBC	
Male	10	67%	910	44%
Female	5	33%	1,157	56%
Total	15	100%	2,067	100%

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



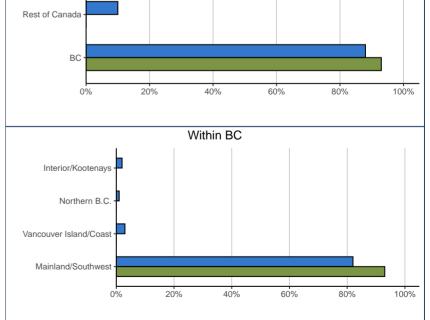
Age (at time of survey):	40.0501		UBC	
< 25	5	33%	504	25%
25 to 29	10	67%	1,358	66%
30 to 34	0	0%	126	6%
35 to 39	0	0%	32	2%
40 to 49	0	0%	28	1%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	15	100%	2,054	100%
Median Age	25		25	
Average (mean) Age	25		26	



Place of Residence

USA -

Place of Residence (at time of survey):	40.0501		UBC	
BC – Mainland/Southwest	13	93%	1,470	82%
BC - Vancouver Island/Coast	0	0%	45	3%
BC – Northern B.C.	0	0%	21	1%
BC – Interior/Kootenays	0	0%	37	2%
BC Subtotal	13	93%	1,573	88%
Canada – Alberta	~	~	78	4%
Canada – Ontario	0	0%	79	4%
Canada – Other	0	0%	32	2%
U.S.A.	0	0%	34	2%
Non-BC Subtotal	~	~	223	12%
Total	~	~	1,796	100%





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

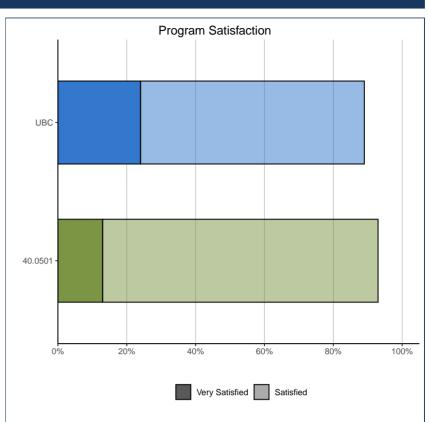


### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	40.0501		UBC	
Very Satisfied	2	13%	492	24%
Satisfied	12	80%	1,327	65%
Dissatisfied	0	0%	174	9%
Very Dissatisfied	1	7%	43	2%
Total	15	100%	2,036	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	40.	40.0501		UBC	
Very Useful	4	44%	545	35%	
Somewhat Useful	2	22%	723	46%	
Not Very Useful	2	22%	231	15%	
Not at All Useful	1	11%	63	4%	
Total	9	100%	1,562	100%	

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	40.0	40.0501		UBC	
Yes	1	7%	132	6%	
No	14	93%	1,901	94%	



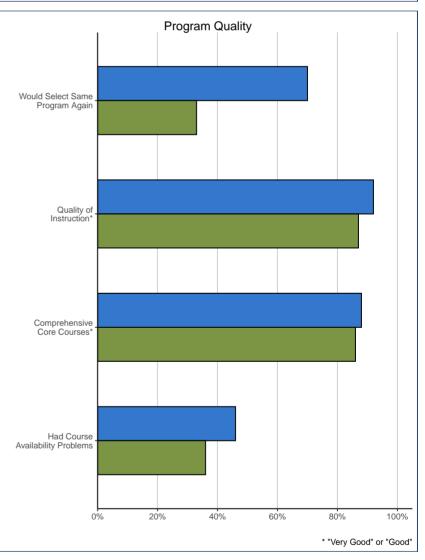
Would select the same program again:	40.0501		UBC	
Yes	3	33%	1,257	70%
No	6	67%	532	30%

Quality of Instruction:	40.0	40.0501		UBC	
Very Good	3	20%	571	28%	
Good	10	67%	1,313	64%	
Poor	2	13%	141	7%	
Very Poor	0	0%	26	1%	
Total	15	100%	2.051	100%	

Comprehensiveness of Core Courses:	40.0	40.0501		UBC	
Very Good	2	13%	523	26%	
Good	11	73%	1,252	62%	
Poor	1	7%	207	10%	
Very Poor	1	7%	38	2%	
Total	15	100%	2,020	100%	

Course Availability:	40.0501		UBC	
Encountered course availability problems	5	36%	916	46%

Financial Constraints:	40.0501		UI	ВС
Had to interrupt studies for financial reasons	0	0%	116	6%
Had to take program part-time for financial reasons	0	0%	178	9%



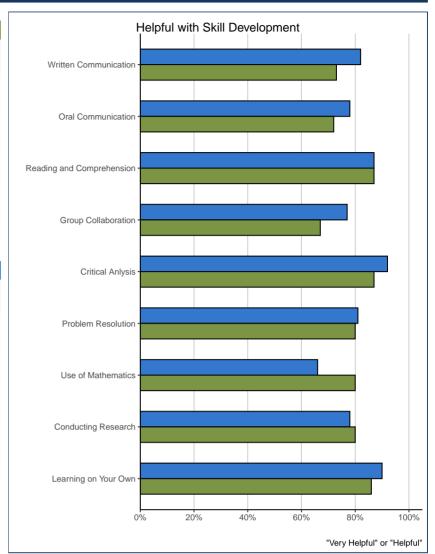
## Detailed Summary of Survey Results University of British Columbia 40.0501: Chemistry, general



### SKILL DEVELOPMENT

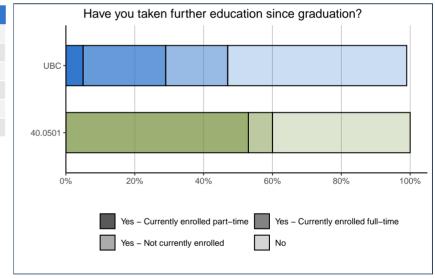
			40.0501		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	20%	53%	20%	7%	15
Oral Communication	29%	43%	21%	7%	14
Reading and Comprehension	27%	60%	7%	7%	15
Group Collaboration	20%	47%	27%	7%	15
Critical Anlysis	47%	40%	13%	0%	15
Problem Resolution	27%	53%	13%	7%	15
Use of Mathematics	20%	60%	7%	13%	15
Conducting Research	53%	27%	20%	0%	15
Learning on Your Own	33%	53%	7%	7%	15

			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

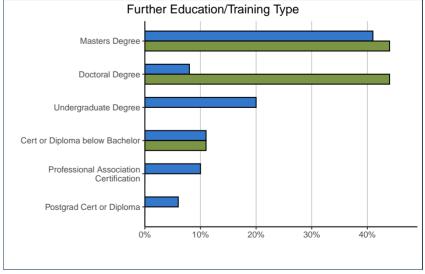


### **FURTHER EDUCATION**

Took further education since 2021 graduation:	40.0	40.0501		UBC	
Yes	9	60%	980	48%	
Not currently enrolled	1	7%	370	18%	
Currently enrolled full-time	8	53%	498	24%	
Currently enrolled part-time	0	0%	103	5%	
No	6	40%	1,070	52%	
Total	15	100%	2,050	100%	



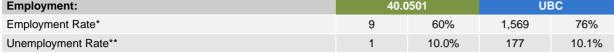
Type of Formal Post–Secondary Education:	40.	40.0501		вс
Masters Degree	4	44%	399	41%
Doctoral Degree	4	44%	78	8%
Another Undergraduate Degree	0	0%	198	20%
Certificate or Diploma below Bachelor level	1	11%	103	11%
Professional Association Certification	0	0%	102	10%
Postgraduate Certificate or Diploma	0	0%	61	6%
Other	0	0%	32	3%
Total	9	100%	973	100%



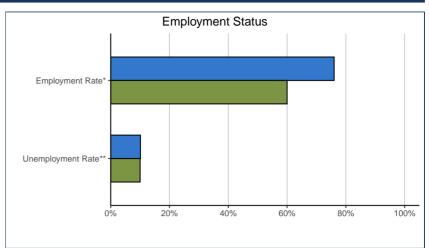


#### **EMPLOYMENT**

Labour Fource Status:	40.0501		UBC	
In Labour Force (working or seeking work)	10	71%	1,746	86%
Not in Labour Force	4	29%	277	14%
Total	14	100%	2,023	100%
Employment:	40.0501		1 UBC	



<sup>\*</sup>Percent = Total employed divided by total number of respondents

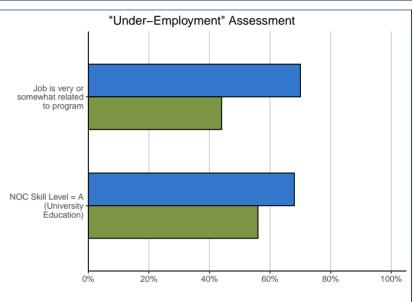


Status of Graduates NOT in Labour Force:	40.0501		U	вс
Attending School FT	3	75%	220	79%
Attending School PT	0	0%	7	3%
Other	1	25%	50	18%
Total NOT in Labour Force	4	100%	277	100%

Primary Employment Type:	40.0501		UE	ВС
Paid worker	9	100%	1,480	95%
Self-employed	0	0%	82	5%
Total	9	100%	1,562	100%

Job Characteristics:	40.0501		UE	ВС
I hold more than one job*	1	11%	232	15%
My main job is full-time (>= 30 hours per week)**	8	89%	1,295	87%

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



How related is your main job to your program?	40.0501		UBC	
Very Related	2	22%	592	38%
Somewhat Related	2	22%	493	32%
Not Very Related	1	11%	230	15%
Not at All Related	4	44%	245	16%
Total	9	100%	1,560	100%

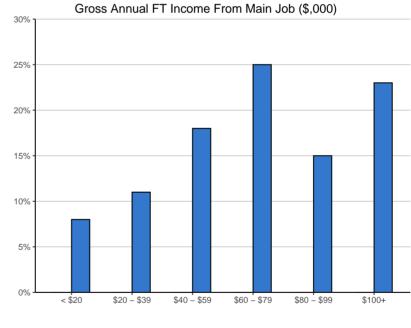
"Under-employment" Assessment:	40.0501		UBC	
Job is very or somewhat related to program	4	44%	1,085	70%
NOC Skill Level = A (University Education)*	5	56%	969	68%

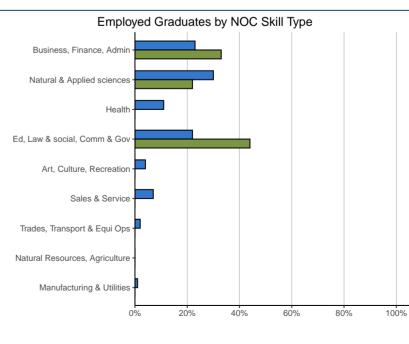
<sup>\*</sup>Of total valid responses

Gross Annual Income from Main Job:*	40.0501		UBC	
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	~	~	297	25%
\$80,000 to \$99,999	~	~	185	15%
\$100,000 and Above	0	0%	274	23%
Total	8	100%	1,209	100%
Median Annual Income (full-time) (\$)	55,000		73,750	
Average Annual Income (full-time) (\$)	59,025		84,372	

<sup>\*</sup>Where data provided

NOC Skill Type of Main Job:		40.0501		UBC	
Business, finance & administration	3	33%	322	23%	
Natural & applied sciences & related	2	22%	433	30%	
Health	0	0%	162	11%	
Education, law and social, community & government	4	44%	314	22%	
Art, culture, recreation & sport	0	0%	54	4%	
Sales & service	0	0%	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	9	100%	1,430	100%	



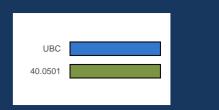


<sup>\*\*</sup>Percent = Total unemployed divided by total number in Labour Force

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

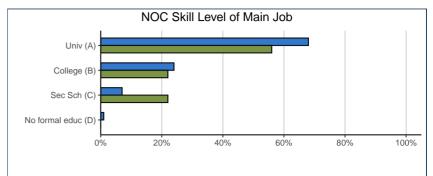


### Detailed Summary of Survey Results University of British Columbia 40.0501: Chemistry, general



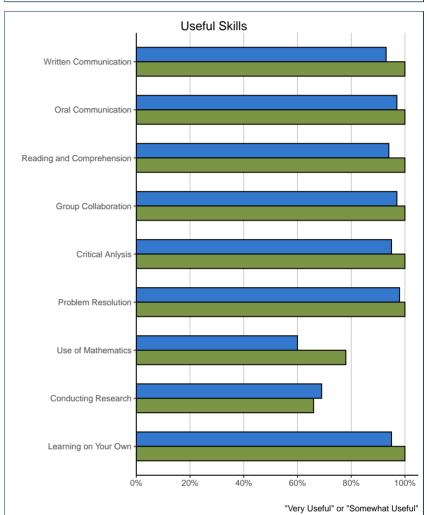
### EMPLOYMENT, continued

NOC Skill Level of Main Job:	40.0501		UBC	
A. University education	5	56%	969	68%
B. College education/trade apprenticeship	2	22%	349	24%
C. Secondary school + job-specific training	2	22%	99	7%
D. No formal education	0	0%	18	1%
Total	9	100%	1,435	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%	33%	0%	0%	9
Oral Communication	78%	22%	0%	0%	9
Reading and Comprehension	89%	11%	0%	0%	9
Group Collaboration	67%	33%	0%	0%	9
Critical Anlysis	78%	22%	0%	0%	9
Problem Resolution	67%	33%	0%	0%	9
Use of Mathematics	22%	56%	22%	0%	9
Conducting Research	44%	22%	11%	22%	9
Learning on Your Own	67%	33%	0%	0%	9

			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 (	Top 10 Full-time Occupations of 40.0501 Graduates:		
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
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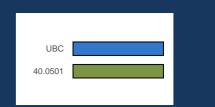
<sup>\*</sup> Data not displayed where n < 5

<sup>\*\*</sup> 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	Α	Computer programmers and interactive media developers	3%
1123	А	Professional occupations in advertising, marketing and public relations	3%
4112	Α	Lawyers and Quebec notaries	3%
3131	А	Pharmacists	2%
2172	Α	Database analysts and data administrators	2%
2131	Α	Civil engineers	2%
3012	А	Registered nurses and registered psychiatric nurses	2%
1241	В	Administrative assistants	2%

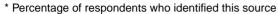
<sup>\*</sup> Data not displayed where n < 5

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



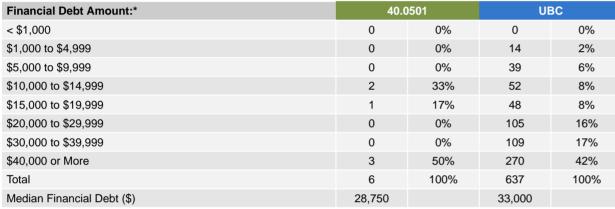
#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	40.	40.0501		BC .
Personal savings, investments	3	20%	566	28%
Employment while studying		27%	802	40%
Family/Friends	12	80%	1,472	73%
Personal bank loans	0	0%	105	5%
Government student loans	6	40%	654	32%
Scholarships/Bursaries/Grants	5	33%	658	32%
Other	4	27%	505	25%
Total	15		2,025	



Financial Debt Incurred to Finance Bac. Ed.:*	40.0	0501	UI	вс
Incurred any form of financial debt	6	43%	835	41%
Incurred government-sponsored student loan debt	6	40%	719	35%

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



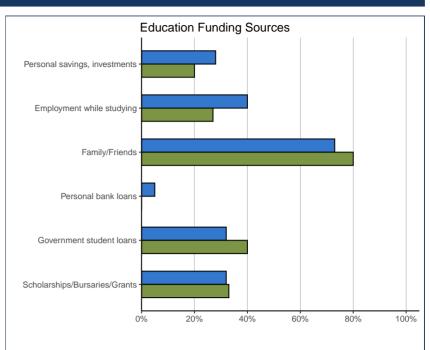
<sup>\*</sup> Includes only cases where financial debt was incurred

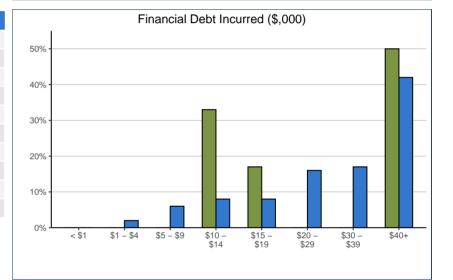


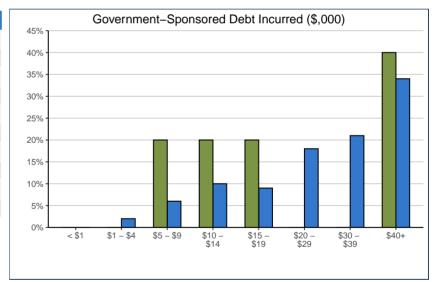
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

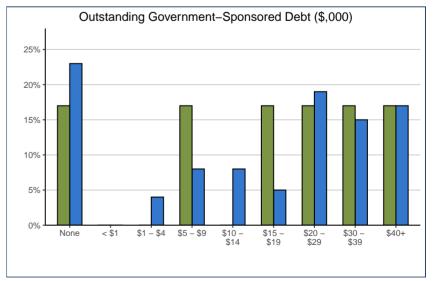


<sup>\*</sup> Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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