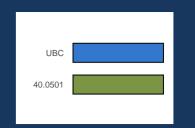


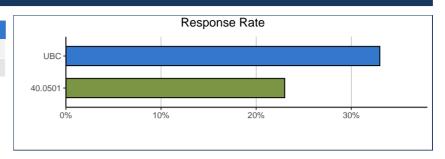
B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

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	43	100%	6,879	100%
Survey Respondents and Response Rate	10	23%	2,273	33%

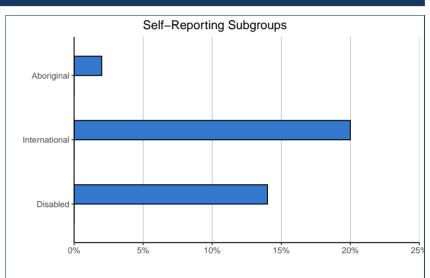


DEMOGRAPHIC INFORMATION

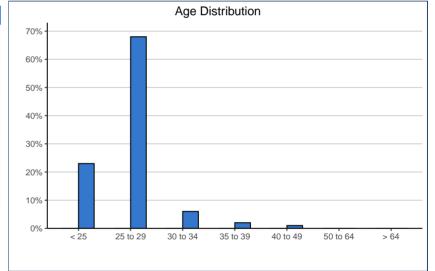
Self-Reporting Subgroups:	40.0501		UBC	
Disabled	~	~	292	14%
International	~	~	459	20%
Aboriginal	0	0%	41	2%

Gender:*	40.0501		UBC	
Male	~	~	953	42%
Female	~	~	1,320	58%
Total	10	100%	2,273	100%

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



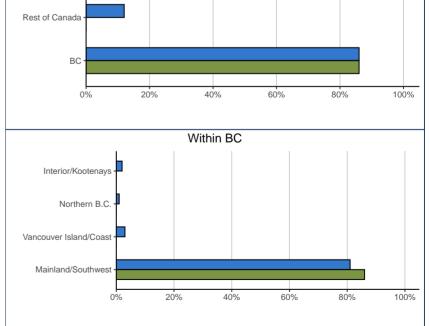
Age (at time of survey):	40.0501		UBC	
< 25	~	~	520	23%
25 to 29	~	~	1,549	68%
30 to 34	0	0%	133	6%
35 to 39	0	0%	39	2%
40 to 49	0	0%	21	1%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	10	100%	2,269	100%
Median Age	25		25	
Average (mean) Age	25		26	



Place of Residence

USA -

Place of Residence (at time of survey):	40.0501		UBC	
BC - Mainland/Southwest	6 86%		1,615	81%
BC - Vancouver Island/Coast	0	0%	50	3%
BC – Northern B.C.	0	0%	12	1%
BC – Interior/Kootenays	0	0%	48	2%
BC Subtotal	6	86%	1,725	86%
Canada – Alberta	0	0%	77	4%
Canada – Ontario	~	~	112	6%
Canada – Other	0	0%	42	2%
U.S.A.	0	0%	42	2%
Non-BC Subtotal	~	~	273	14%
Total	~	~	1,998	100%



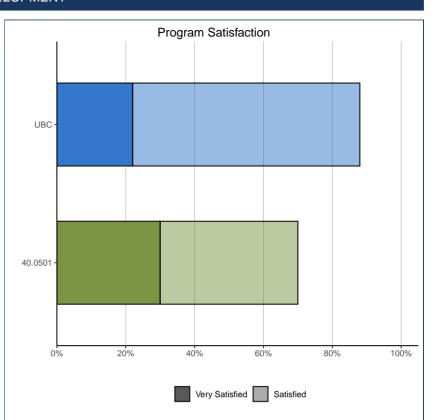


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	40.0501		UBC	
Very Satisfied	3	30%	490	22%
Satisfied	4	40%	1,486	66%
Dissatisfied	2	20%	221	10%
Very Dissatisfied	1	10%	44	2%
Total	10	100%	2,241	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	40.0501		UBC	
Very Useful	2	22%	548	31%
Somewhat Useful	4	44%	924	52%
Not Very Useful	3	33%	242	14%
Not at All Useful	0	0%	60	3%
Total	9	100%	1,774	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	40.0	0501	UBC	
Yes	1	10%	127	6%
No	9	90%	2,107	94%



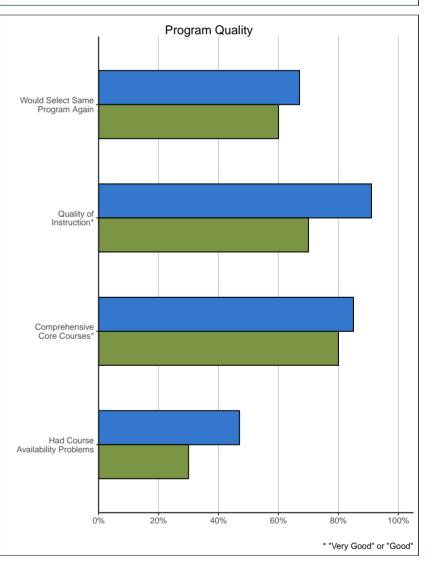
Would select the same program again:	40.0501		UBC	
Yes	6	60%	1,303	67%
No	4	40%	656	33%

Quality of Instruction:	40.0	40.0501		UBC	
Very Good	3	30%	588	26%	
Good	4	40%	1,467	65%	
Poor	3	30%	172	8%	
Very Poor	0	0%	30	1%	
Total	10	100%	2.257	100%	

Comprehensiveness of Core Courses:	40.0	40.0501		UBC	
Very Good	3	30%	535	24%	
Good	5	50%	1,356	61%	
Poor	1	10%	287	13%	
Very Poor	1	10%	45	2%	
Total	10	100%	2.223	100%	

Course Availability:	40.0501		UBC	
Encountered course availability problems	3	30%	1,043	47%

Financial Constraints:	40.0501		UBC	
Had to interrupt studies for financial reasons	1	10%	155	7%
Had to take program part-time for financial reasons	1	10%	224	10%

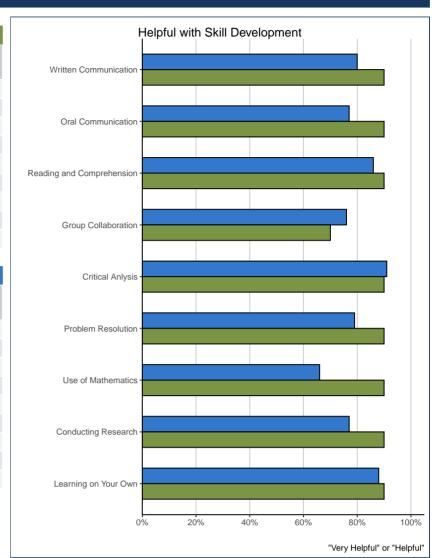




SKILL DEVELOPMENT

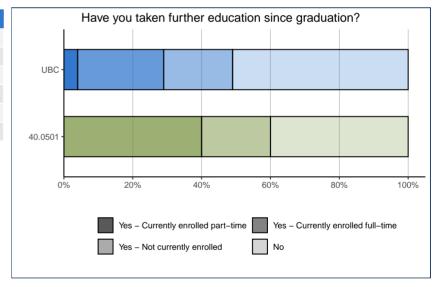
			40.0501		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	30%	60%	10%	0%	10
Oral Communication	20%	70%	0%	10%	10
Reading and Comprehension	40%	50%	10%	0%	10
Group Collaboration	10%	60%	30%	0%	10
Critical Anlysis	30%	60%	0%	10%	10
Problem Resolution	20%	70%	0%	10%	10
Use of Mathematics	30%	60%	10%	0%	10
Conducting Research	40%	50%	10%	0%	10
Learning on Your Own	30%	60%	0%	10%	10

			UBC		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	24%	56%	17%	3%	2,198
Oral Communication	22%	55%	20%	4%	2,212
Reading and Comprehension	31%	55%	12%	2%	2,222
Group Collaboration	24%	52%	20%	4%	2,230
Critical Anlysis	43%	48%	8%	2%	2,253
Problem Resolution	24%	55%	18%	3%	2,188
Use of Mathematics	20%	46%	24%	10%	1,801
Conducting Research	29%	48%	19%	4%	2,159
Learning on Your Own	39%	49%	10%	2%	2,236

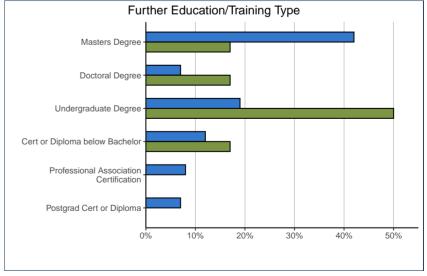


FURTHER EDUCATION

Took further education since 2020 graduation:	40.0501		UBC	
Yes	6	60%	1,119	49%
Not currently enrolled	2	20%	454	20%
Currently enrolled full-time	4	40%	559	25%
Currently enrolled part-time	0	0%	99	4%
No	4	40%	1,144	51%
Total	10	100%	2,263	100%



Type of Formal Post–Secondary Education:	40	40.0501		UBC	
Masters Degree	1	17%	467	42%	
Doctoral Degree	1	17%	82	7%	
Another Undergraduate Degree	3	50%	213	19%	
Certificate or Diploma below Bachelor level	1	17%	133	12%	
Professional Association Certification	0	0%	86	8%	
Postgraduate Certificate or Diploma	0	0%	77	7%	
Other	0	0%	52	5%	
Total	6	100%	1,110	100%	



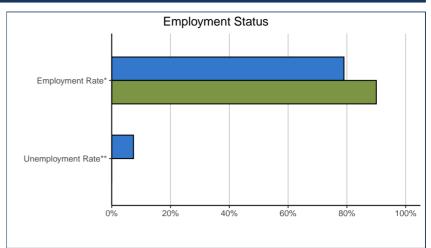


EMPLOYMENT

Labour Fource Status:	40.0501		UBC	
In Labour Force (working or seeking work)	9	90%	1,931	87%
Not in Labour Force	1	10%	296	13%
Total	10	100%	2,227	100%
Employment:	40.0501		UBC	



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

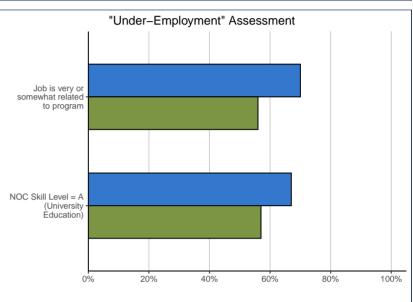


Status of Graduates NOT in Labour Force:	40.0501		UBC	
Attending School FT	1	100%	238	80%
Attending School PT	0	0%	2	1%
Other	0	0%	56	19%
Total NOT in Labour Force	1	100%	296	100%

Primary Employment Type:	40.0501		UE	вс
Paid worker	7	78%	1,679	94%
Self-employed	2	22%	106	6%
Total	9	100%	1,785	100%

Job Characteristics:	40.	40.0501		ВС
I hold more than one job*	2	22%	300	17%
My main job is full-time (>= 30 hours per week)**	6	75%	1,465	86%

^{*}Of total Employed



How related is your main job to your program?	40.0501		UBC	
Very Related	2	22%	628	35%
Somewhat Related	3	33%	621	35%
Not Very Related	2	22%	271	15%
Not at All Related	2	22%	264	15%
Total	9	100%	1,784	100%

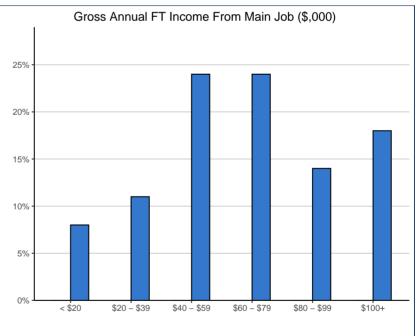
"Under-employment" Assessment:	40.0501		UBC	
Job is very or somewhat related to program	5	56%	1,249	70%
NOC Skill Level = A (University Education)*	4	57%	1,126	67%

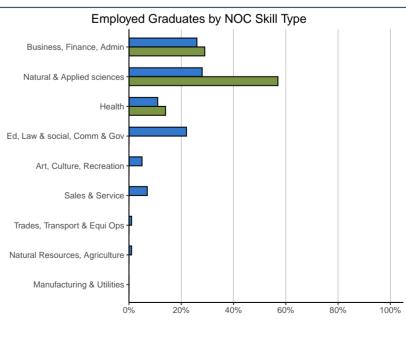
^{*}Of total valid responses

Gross Annual Income from Main Job:*	40.0	40.0501		вс
Less than \$20,000	~	~	112	8%
\$20,000 to \$39,999	~	~	151	11%
\$40,000 to \$59,999	~	~	321	24%
\$60,000 to \$79,999	0	0%	326	24%
\$80,000 to \$99,999	0	0%	195	14%
\$100,000 and Above	0	0%	243	18%
Total	6	100%	1,348	100%
Median Annual Income (full-time) (\$)	44,447		70,000	
Average Annual Income (full-time) (\$)	44,106		79,724	

^{*}Where data provided

NOC Skill Type of Main Job:	40	40.0501		UBC	
Business, finance & administration	2	29%	429	26%	
Natural & applied sciences & related	4	57%	459	28%	
Health		14%	183	11%	
Education, law and social, community & government		0%	361	22%	
Art, culture, recreation & sport	0	0%	87	5%	
Sales & service	0	0%	118	7%	
Trades, transport & equipment operators & related	0	0%	11	1%	
Natural resources, agriculture & related production	0	0%	13	1%	
Manufacturing & utilities	0	0%	8	0%	
Total	7	100%	1,669	100%	





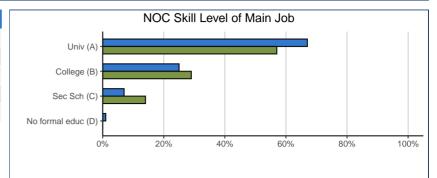
^{**}Percent = Total unemployed divided by total number in Labour Force

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

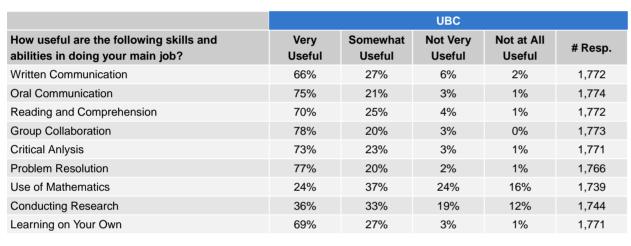


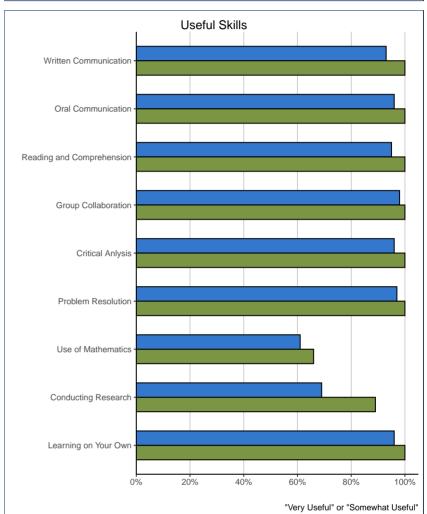
EMPLOYMENT, continued

NOC Skill Level of Main Job:	40.0501		UBC	
A. University education	4	57%	1,126	67%
B. College education/trade apprenticeship	2	29%	415	25%
C. Secondary school + job-specific training	1	14%	121	7%
D. No formal education	0	0%	14	1%
Total	7	100%	1,676	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	44%	56%	0%	0%	9
Oral Communication	78%	22%	0%	0%	9
Reading and Comprehension	78%	22%	0%	0%	9
Group Collaboration	78%	22%	0%	0%	9
Critical Anlysis	67%	33%	0%	0%	9
Problem Resolution	89%	11%	0%	0%	9
Use of Mathematics	22%	44%	22%	11%	9
Conducting Research	56%	33%	0%	11%	9
Learning on Your Own	56%	44%	0%	0%	9





Top 10 Full-time (Occupations of 40.0501 G	raduates:	40.0501
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
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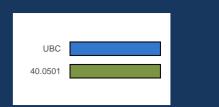
 $^{^{\}star}$ Data not displayed where n < 5

^{**} 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	4%
2174	Α	Computer programmers and interactive media developers	3%
4112	Α	Lawyers and Quebec notaries	3%
1123	Α	Professional occupations in advertising, marketing and public relations	3%
4012	Α	Post-secondary teaching and research assistants	2%
1112	Α	Financial and investment analysts	2%
1111	Α	Financial auditors and accountants	2%
3131	Α	Pharmacists	2%
3012	Α	Registered nurses and registered psychiatric nurses	2%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	40.	40.0501		UBC	
Personal savings, investments		20%	624	28%	
Employment while studying		20%	1,016	46%	
Family/Friends	9	90%	1,541	70%	
Personal bank loans	0	0%	116	5%	
Government student loans	4	40%	704	32%	
Scholarships/Bursaries/Grants	1	10%	771	35%	
Other	3	30%	506	23%	
Total	10		2,213		



Financial Debt Incurred to Finance Bac. Ed.:*	40.0501		UBC	
Incurred any form of financial debt	4	40%	915	41%
Incurred government-sponsored student loan debt	4	40%	777	35%

^{*} Percentage of respondents who provided data



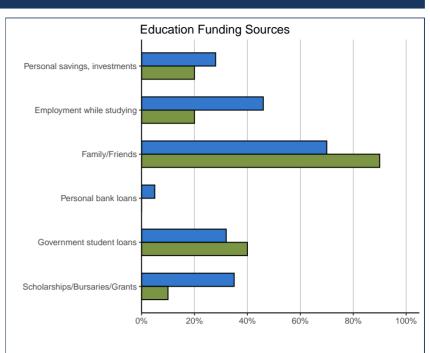
^{*} Includes only cases where financial debt was incurred

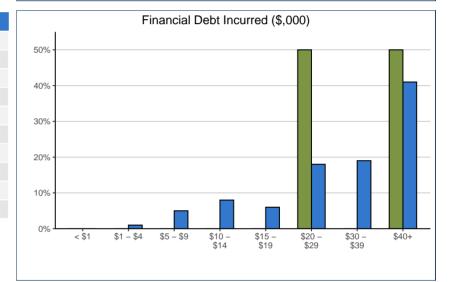


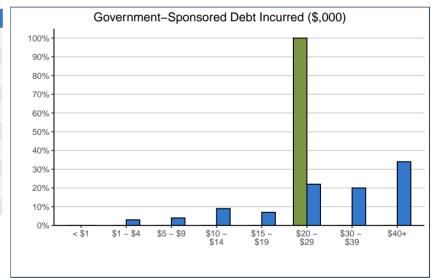
^{*} Includes only cases where government-sponsored debt was incurred

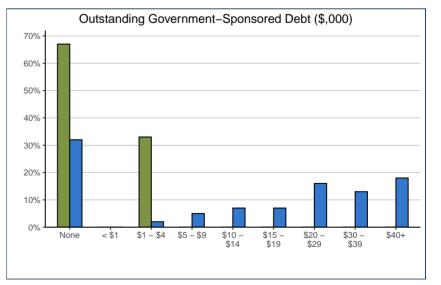


 $^{^{\}star}$ Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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