

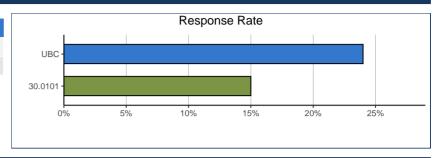
B.C. Baccalaureate Outcomes 2024 Survey of 2022 Baccalaureate Graduates

UBC 30.0101

Detailed Summary of Survey Results
University of British Columbia
30.0101: Biological and physical sciences

RESPONSE RATE

Survey Response Rate:	30.0101		UBC	
Baccalaureate Graduates Survey Cohort	175	100%	6,530	100%
Survey Respondents and Response Rate	27	15%	1,566	24%

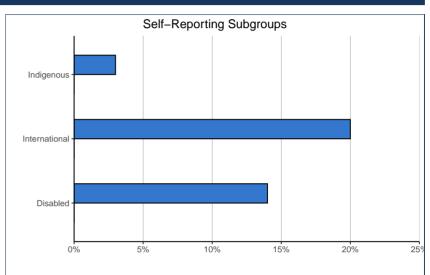


DEMOGRAPHIC INFORMATION

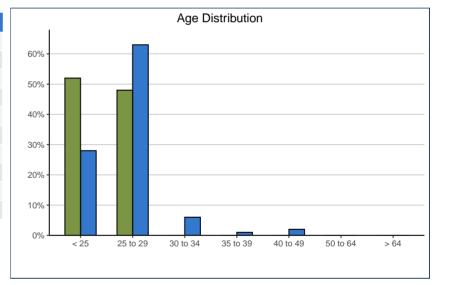
Self-Reporting Subgroups:	30.0101		UBC	
Disabled	~	~	209	14%
International	~	~	318	20%
Indigenous	~	~	34	3%

Gender:*	30.0)101	UBC	
Man/Boy	14	52%	744	48%
Woman/Girl	13	48%	819	52%
Total	27	100%	1,563	100%

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

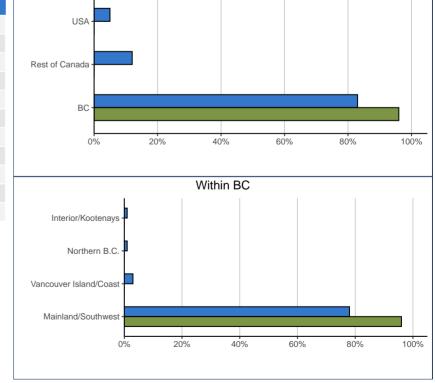


Age (at time of survey):	30.0101		UBC	
< 25	14	52%	437	28%
25 to 29	13	48%	975	63%
30 to 34	0	0%	92	6%
35 to 39	0	0%	21	1%
40 to 49	0	0%	24	2%
50 to 64	0	0%	5	0%
> 64	0	0%	0	0%
Total	27	100%	1,554	100%
Median Age	24		25	
Average (mean) Age	25		26	



Place of Residence

Place of Residence (at time of survey):	30.0	0101	UBC	
BC – Mainland/Southwest	25	96%	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	25	96%	1,151	83%
Canada – Alberta	0	0%	57	4%
Canada – Ontario	~	~	90	6%
Canada – Other	0	0%	31	2%
U.S.A.	0	0%	65	5%
Non-BC Subtotal	~	~	243	17%
Total	~	~	1,394	100%





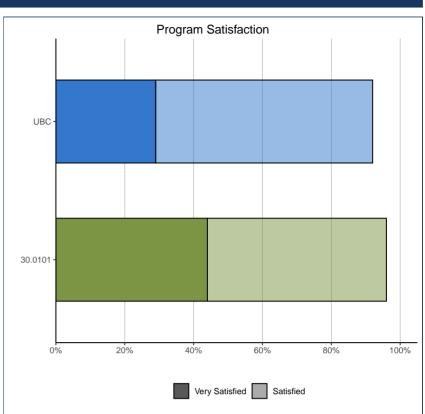


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	30.0101		UBC	
Very Satisfied	11	44%	444	29%
Satisfied	13	52%	976	63%
Dissatisfied	1	4%	110	7%
Very Dissatisfied	0	0%	21	1%
Total	25	100%	1,551	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	30.0101		UBC	
Very Useful	2	22%	415	36%
Somewhat Useful	6	67%	573	50%
Not Very Useful	1	11%	132	11%
Not at All Useful	0	0%	33	3%
Total	9	100%	1,153	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	30.0	30.0101		UBC	
Yes	1	4%	73	5%	
No	26	96%	1,468	95%	



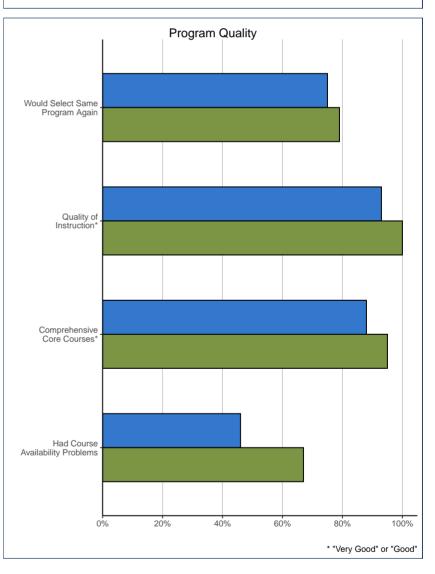
Would select the same program again:	30.0101		UBC	
Yes	19	79%	1,018	75%
No	5	21%	343	25%

Quality of Instruction:	30.	30.0101		UBC	
Very Good	10	38%	470	30%	
Good	16	62%	982	63%	
Poor	0	0%	90	6%	
Very Poor	0	0%	13	1%	
Total	26	100%	1,555	100%	

Comprehensiveness of Core Courses:	30.0	30.0101		UBC	
Very Good	11	50%	450	29%	
Good	10	45%	910	59%	
Poor	1	5%	150	10%	
Very Poor	0	0%	21	1%	
Total	22	100%	1.531	100%	

Course Availability:	30.0	101	110	20
Course Availability:	30.0101		UBC	
Encountered course availability problems	18	67%	704	46%

Financial Constraints:	30.0	0101	U	ВС
Had to interrupt studies for financial reasons	2	7%	72	5%
Had to take program part-time for financial reasons	1	4%	115	7%

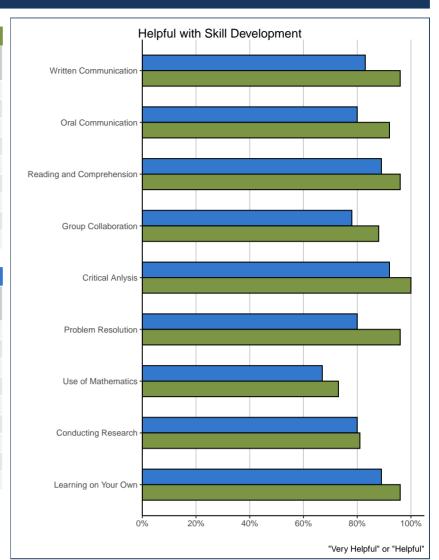




SKILL DEVELOPMENT

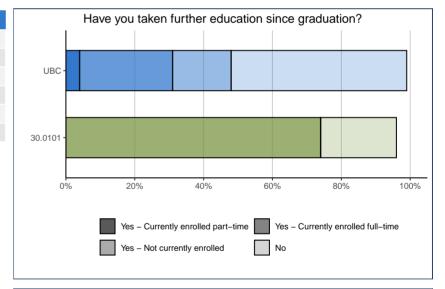
			30.0101		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	29%	67%	4%	0%	24
Oral Communication	32%	60%	4%	4%	25
Reading and Comprehension	58%	38%	4%	0%	26
Group Collaboration	52%	36%	12%	0%	25
Critical Anlysis	64%	36%	0%	0%	25
Problem Resolution	42%	54%	4%	0%	24
Use of Mathematics	23%	50%	23%	5%	22
Conducting Research	50%	31%	12%	8%	26
Learning on Your Own	54%	42%	0%	4%	26

			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

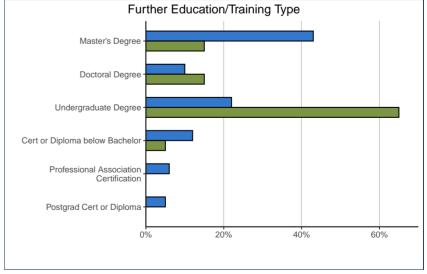


FURTHER EDUCATION

Took further education since 2022 graduation:	30.0	30.0101		UBC	
Yes	21	78%	760	49%	
Not currently enrolled	0	0%	268	17%	
Currently enrolled full-time	20	74%	419	27%	
Currently enrolled part-time	0	0%	68	4%	
No	6	22%	796	51%	
Total	27	100%	1,556	100%	



Type of Formal Post–Secondary Education:	30.	0101	U	вс
Master's Degree	3	15%	323	43%
Doctoral Degree	3	15%	72	10%
Another Undergraduate Degree	13	65%	167	22%
Certificate or Diploma below Bachelor Level	1	5%	91	12%
Professional Association Certification	0	0%	44	6%
Postgraduate Certificate or Diploma	0	0%	36	5%
Other	0	0%	24	3%
Total	20	100%	757	100%





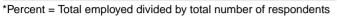
EMPLOYMENT

134

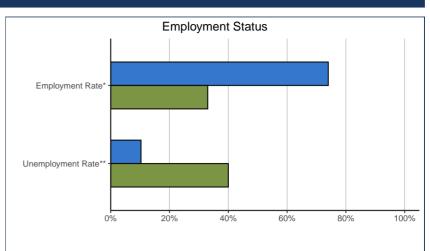
10.3%

40.0%

Labour Fource Status:	30.0101		UBC	
In Labour Force (working or seeking work)	15	63%	1,299	85%
Not in Labour Force	9	38%	225	15%
Total	24	100%	1,524	100%
Employment:	30.0101		UE	ВС
Employment Rate*	9	33%	1,165	74%



^{**}Percent = Total unemployed divided by total number in labour force



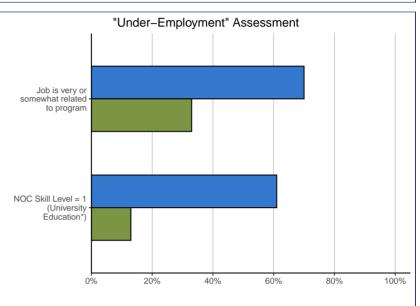
Status of Graduates NOT in Labour Force:	30.0101		UBC	
Attending School FT	9	100%	179	80%
Attending School PT	0	0%	7	3%
Other	0	0%	39	17%
Total NOT in Labour Force	9	100%	225	100%

Primary Employment Type:	30.0101		UBC	
Paid Worker	7	78%	1,072	92%
Self-Employed	2	22%	93	8%
Total	9	100%	1,165	100%

Job Characteristics:	30.	0101	U	вс
I hold more than one job*	2	22%	175	15%
My main job is full-time (>= 30 hours per week)**	7	78%	941	86%

^{*}Of total employed

Unemployment Rate**



How related is your main job to your program?	30.0	0101	UE	ЗС
Very Related	0	0%	457	39%
Somewhat Related	3	33%	361	31%
Not Very Related	2	22%	168	14%
Not at All Related	4	44%	175	15%
Total	9	100%	1,161	100%

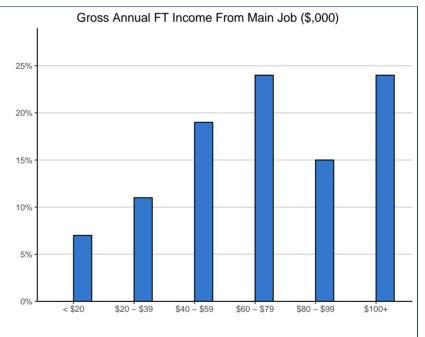
"Under-Employment" Assessment:	30.0101		UBC	
Job is very or somewhat related to program	3	33%	818	70%
NOC Skill Level = 1 (University Education)*	1	13%	672	61%

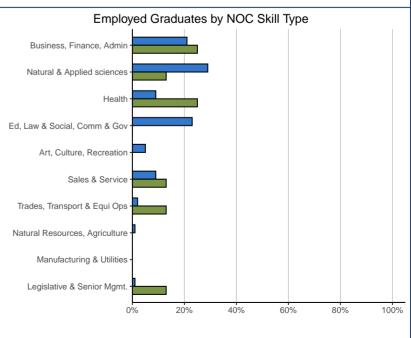
^{*}Of total valid responses; NOC 2021 (TEER)



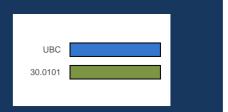
*Where	data	provided

NOC Skill Type of Main Job (NOC 2021):	30.0101		UBC	
Legislative and senior management	1	13%	16	1%
Business, finance & administration	2	25%	234	21%
Natural & applied sciences & related	1	13%	323	29%
Health	2	25%	97	9%
Education, law and social, community & government	0	0%	250	23%
Art, culture, recreation & sport	0	0%	56	5%
Sales & service	1	13%	96	9%
Trades, transport & equipment operators & related	1	13%	24	2%
Natural resources, agriculture & related production	0	0%	9	1%
Manufacturing & utilities	0	0%	3	0%
Total	8	100%	1,108	100%



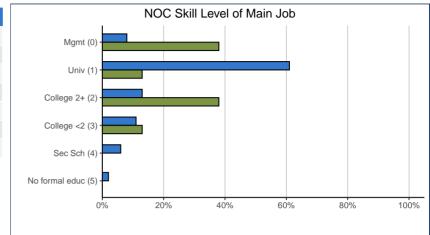


^{**}Of those who provided data on hours/week worked



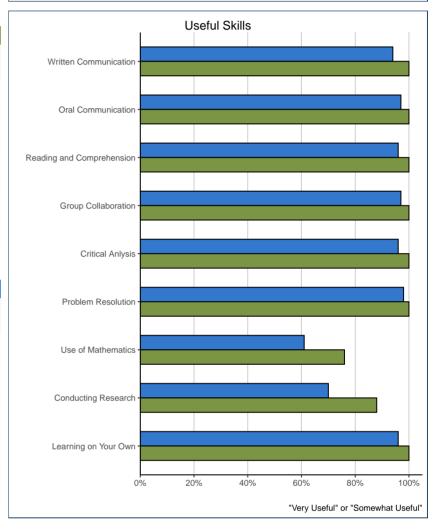
EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	30.0101		UBC	
0. Management	3	38%	88	8%
1. University education		13%	672	61%
2. College education/trade apprenticeship (2+ years)	3	38%	139	13%
3. College education/trade apprenticeship (<2 years)	1	13%	119	11%
4. Secondary school + job-specific training	0	0%	67	6%
5. No formal education	0	0%	23	2%
Total	8	100%	1,108	100%



	30.0101				
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	78%	22%	0%	0%	9
Oral Communication	89%	11%	0%	0%	9
Reading and Comprehension	67%	33%	0%	0%	9
Group Collaboration	89%	11%	0%	0%	9
Critical Anlysis	78%	22%	0%	0%	9
Problem Resolution	67%	33%	0%	0%	9
Use of Mathematics	38%	38%	13%	13%	8
Conducting Research	50%	38%	0%	13%	8
Learning on Your Own	78%	22%	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%	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-Tim	e Occupations of 30.0101 G	Fraduates*:	30.0101
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
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 $^{^{\}star}$ Data not displayed where n < 5; NOC 2021

^{**} Percentages cited are of those employed

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%

^{*} Data not displayed where n < 5; NOC 2021

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	30.	30.0101		BC .
Personal savings, investments	10	10 38%		28%
Employment while studying		35%	647	42%
Family/Friends	19	73%	1,106	72%
Personal bank loans	1	4%	63	4%
Government student loans	10	38%	462	30%
Scholarships/Bursaries/Grants	6	23%	531	35%
Other	2	8%	362	24%
Total	26		1,531	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	30.0	0101	U	вс
Incurred any form of financial debt	11	41%	577	38%
Incurred government-sponsored student loan debt	10	37%	505	33%

^{*} Percentage of respondents who provided data



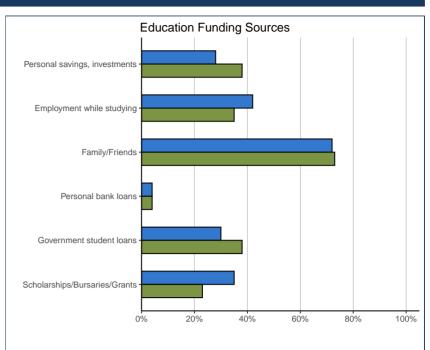
^{*} Includes only cases where financial debt was incurred

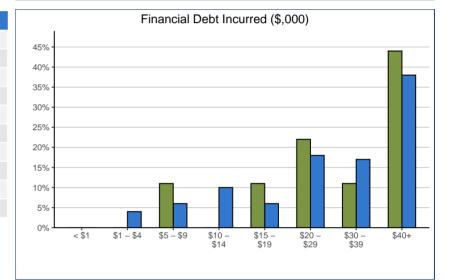


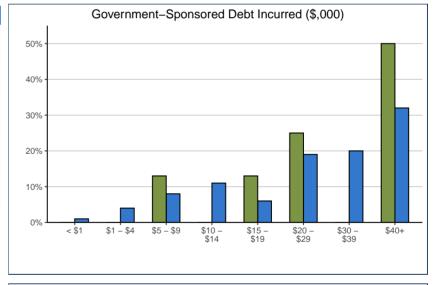
^{*} Includes only cases where government-sponsored debt was incurred

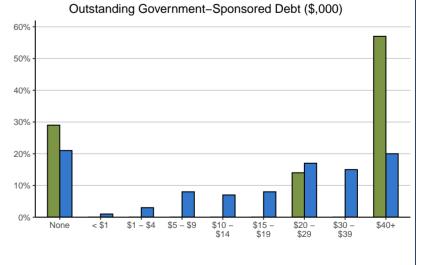


^{*} Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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