

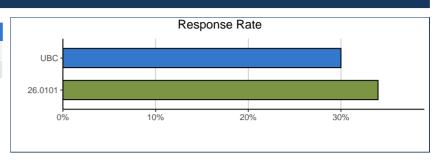
### B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

UBC 26.0101

Detailed Summary of Survey Results
University of British Columbia
26.0101: Biology/biological sciences, general

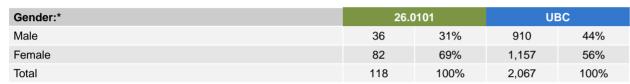
#### RESPONSE RATE

Survey Response Rate:	26.0101		UBC	
Baccalaureate Graduates Survey Cohort	348	100%	7,002	100%
Survey Respondents and Response Rate	118	34%	2,067	30%

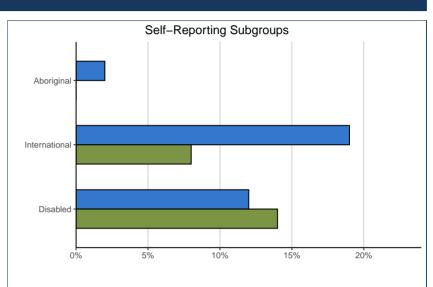


#### **DEMOGRAPHIC INFORMATION**

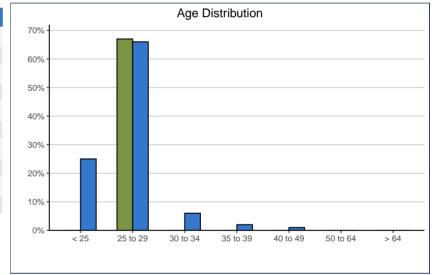
Self-Reporting Subgroups:	26.0101		UBC	
Disabled	16	14%	233	12%
International	10	8%	400	19%
Aboriginal	~	~	28	2%



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



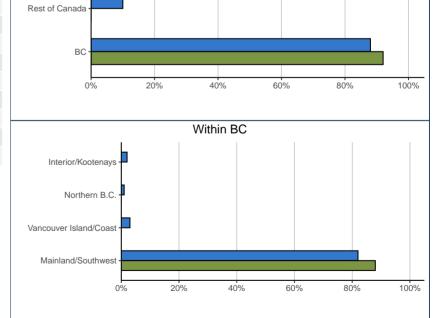
Age (at time of survey):	26.0101		UBC	
< 25	~	~	504	25%
25 to 29	78	67%	1,358	66%
30 to 34	~	~	126	6%
35 to 39	0	0%	32	2%
40 to 49	0	0%	28	1%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	117	100%	2,054	100%
Median Age	25		25	
Average (mean) Age	25		26	



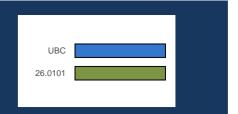
Place of Residence

USA -

Place of Residence (at time of survey):	26.0101		UBC	
BC - Mainland/Southwest	93	88%	1,470	82%
BC - Vancouver Island/Coast	~	~	45	3%
BC – Northern B.C.	~	~	21	1%
BC – Interior/Kootenays	~	~	37	2%
BC Subtotal	98	92%	1,573	88%
Canada – Alberta	~	~	78	4%
Canada - Ontario	~	~	79	4%
Canada - Other	~	~	32	2%
U.S.A.	~	~	34	2%
Non-BC Subtotal	8	8%	223	12%
Total	106	100%	1,796	100%





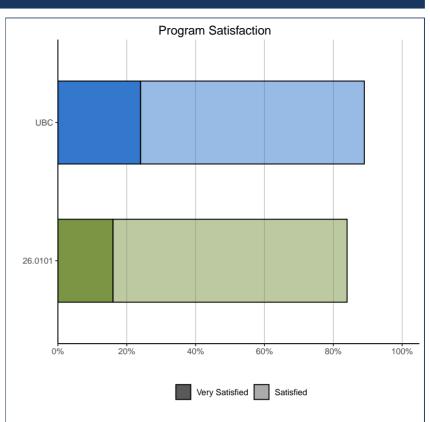


#### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	26.0101		UBC	
Very Satisfied	19	16%	492	24%
Satisfied	79	68%	1,327	65%
Dissatisfied	13	11%	174	9%
Very Dissatisfied	6	5%	43	2%
Total	117	100%	2,036	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	26.	26.0101		UBC	
Very Useful	14	20%	545	35%	
Somewhat Useful	31	44%	723	46%	
Not Very Useful	21	30%	231	15%	
Not at All Useful	4	6%	63	4%	
Total	70	100%	1,562	100%	

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	26.0	0101	UBC	
Yes	4	3%	132	6%
No	113	97%	1.901	94%



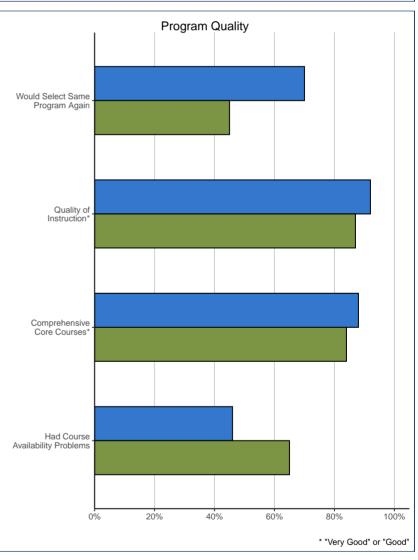
Would select the same program again:	26.0101		UBC	
Yes	45	45%	1,257	70%
No	56	55%	532	30%

Quality of Instruction:	26.0	26.0101		вс
Very Good	18	15%	571	28%
Good	85	72%	1,313	64%
Poor	13	11%	141	7%
Very Poor	2	2%	26	1%
Total	118	100%	2.051	100%

Comprehensiveness of Core Courses:	26.0	0101	U	вс
Very Good	21	19%	523	26%
Good	73	65%	1,252	62%
Poor	17	15%	207	10%
Very Poor	1	1%	38	2%
Total	112	100%	2,020	100%

Course Availability:	26.0101		UBC	
Encountered course availability problems	74	65%	916	46%

Financial Constraints:	26.0101		UBC	
Had to interrupt studies for financial reasons	10	9%	116	6%
Had to take program part-time for financial reasons	11	10%	178	9%



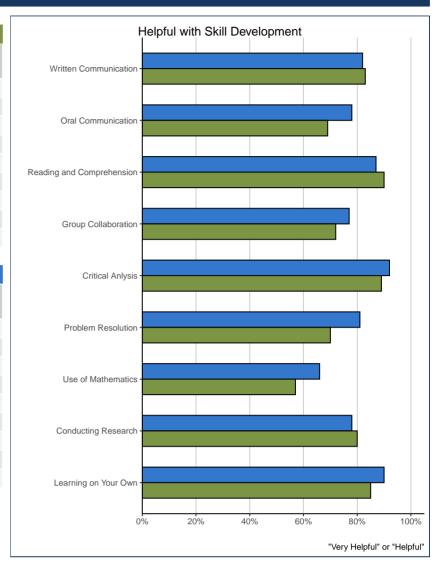




#### SKILL DEVELOPMENT

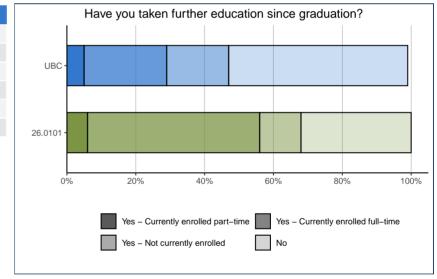
			26.0101		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	15%	68%	16%	1%	117
Oral Communication	16%	53%	29%	2%	116
Reading and Comprehension	34%	56%	10%	0%	118
Group Collaboration	14%	58%	22%	6%	118
Critical Anlysis	30%	59%	9%	2%	118
Problem Resolution	20%	50%	26%	4%	117
Use of Mathematics	7%	50%	35%	9%	113
Conducting Research	32%	48%	15%	5%	117
Learning on Your Own	38%	47%	11%	4%	117

			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

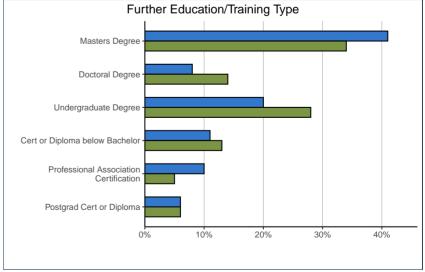


#### **FURTHER EDUCATION**

Took further education since 2021 graduation:	26.0101		UBC	
Yes	80	68%	980	48%
Not currently enrolled	14	12%	370	18%
Currently enrolled full-time	59	50%	498	24%
Currently enrolled part-time	7	6%	103	5%
No	38	32%	1,070	52%
Total	118	100%	2,050	100%



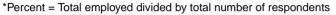
Type of Formal Post–Secondary Education:	26.	26.0101		вс
Masters Degree	27	34%	399	41%
Doctoral Degree	11	14%	78	8%
Another Undergraduate Degree	22	28%	198	20%
Certificate or Diploma below Bachelor level	10	13%	103	11%
Professional Association Certification	4	5%	102	10%
Postgraduate Certificate or Diploma	5	6%	61	6%
Other	1	1%	32	3%
Total	80	100%	973	100%



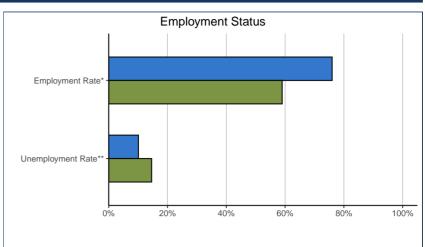


#### **EMPLOYMENT**

Labour Fource Status:	26.	26.0101		3C
In Labour Force (working or seeking work)	82	72%	1,746	86%
Not in Labour Force	32	28%	277	14%
Total	114	100%	2,023	100%
Employment:	26.	26.0101		3C
Employment Rate*	70	59%	1,569	76%
Unemployment Rate**	12	14.6%	177	10.1%



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

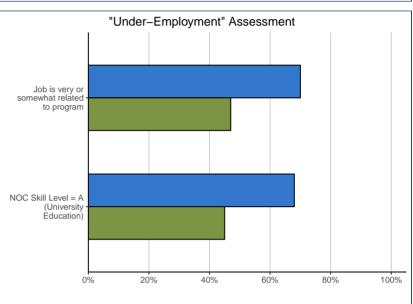


Status of Graduates NOT in Labour Force:	26.0101		UBC	
Attending School FT	28	88%	220	79%
Attending School PT	0	0%	7	3%
Other	4	13%	50	18%
Total NOT in Labour Force	32	100%	277	100%

Primary Employment Type:	26.0101		UBC	
Paid worker	63	93%	1,480	95%
Self-employed	5	7%	82	5%
Total	68	100%	1,562	100%

Job Characteristics:	26.0101		UBC	
I hold more than one job*	8	11%	232	15%
My main job is full-time (>= 30 hours per week)**	44	68%	1,295	87%

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



How related is your main job to your program?	26.0101		UBC	
Very Related	14	20%	592	38%
Somewhat Related	19	27%	493	32%
Not Very Related	15	21%	230	15%
Not at All Related	22	31%	245	16%
Total	70	100%	1,560	100%

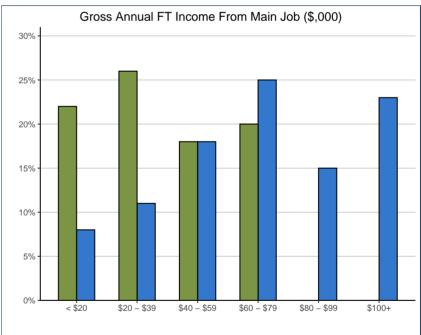
"Under-employment" Assessment:	26.0101		UBC	
Job is very or somewhat related to program	33	47%	1,085	70%
NOC Skill Level = A (University Education)*	29	45%	969	68%

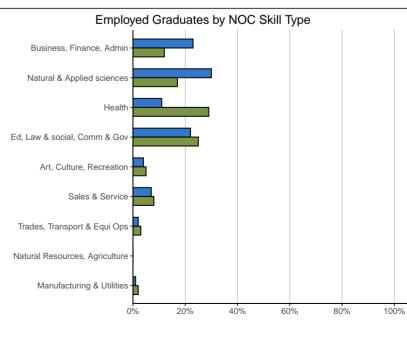
<sup>\*</sup>Of total valid responses

Gross Annual Income from Main Job:*	26.0	26.0101		UBC	
Less than \$20,000	11	22%	101	8%	
\$20,000 to \$39,999	13	26%	130	11%	
\$40,000 to \$59,999	9	18%	222	18%	
\$60,000 to \$79,999	10	20%	297	25%	
\$80,000 to \$99,999	~	~	185	15%	
\$100,000 and Above	~	~	274	23%	
Total	50	100%	1,209	100%	
Median Annual Income (full-time) (\$)	60,000		73,750		
Average Annual Income (full-time) (\$)	60,418		84,372		

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

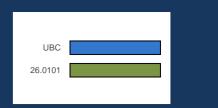
NOC Skill Type of Main Job:	26.0101		UBC	
Business, finance & administration	8	12%	322	23%
Natural & applied sciences & related	11	17%	433	30%
Health	19	29%	162	11%
Education, law and social, community & government	16	25%	314	22%
Art, culture, recreation & sport	3	5%	54	4%
Sales & service	5	8%	102	7%
Trades, transport & equipment operators & related	2	3%	25	2%
Natural resources, agriculture & related production	0	0%	6	0%
Manufacturing & utilities	1	2%	12	1%
Total	65	100%	1,430	100%





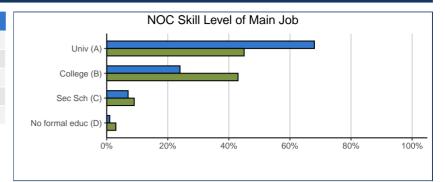
<sup>\*\*</sup>Of those who provided data on hours/week worked





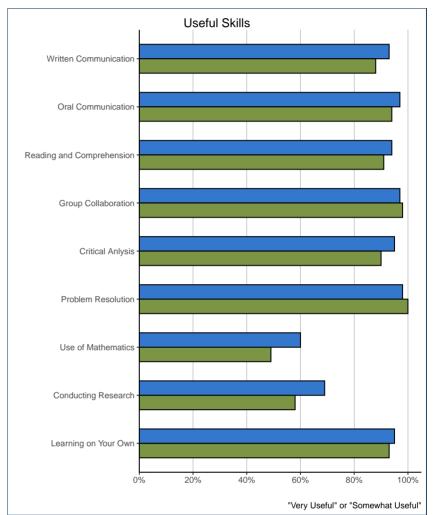
### EMPLOYMENT, continued

NOC Skill Level of Main Job:	26.0101		UBC	
A. University education		45%	969	68%
B. College education/trade apprenticeship	28	43%	349	24%
C. Secondary school + job-specific training	6	9%	99	7%
D. No formal education	2	3%	18	1%
Total	65	100%	1,435	100%



	26.0101						
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	61%	27%	9%	3%	70		
Oral Communication	80%	14%	4%	1%	70		
Reading and Comprehension	61%	30%	7%	1%	70		
Group Collaboration	74%	24%	1%	0%	70		
Critical Anlysis	73%	17%	7%	3%	70		
Problem Resolution	80%	20%	0%	0%	70		
Use of Mathematics	13%	36%	30%	21%	70		
Conducting Research	28%	30%	14%	28%	69		
Learning on Your Own	67%	26%	4%	3%	70		

	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 26.0101 Graduates:		26.0101	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2221	В	Biological technologists and technicians	9%
*			
*			
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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	Α	Professional occupations in advertising, marketing and public relations	3%
4112	Α	Lawyers and Quebec notaries	3%
3131	Α	Pharmacists	2%
2172	Α	Database analysts and data administrators	2%
2131	Α	Civil engineers	2%
3012	Α	Registered nurses and registered psychiatric nurses	2%
1241	В	Administrative assistants	2%

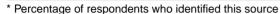
<sup>\*</sup> Data not displayed where n < 5

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



#### **EDUCATION FINANCING**

unding Sources (3 sources allowed):*		0101	UBC	
Personal savings, investments		37%	566	28%
Employment while studying		45%	802	40%
Family/Friends	90	79%	1,472	73%
Personal bank loans	1	1%	105	5%
Government student loans	36	32%	654	32%
Scholarships/Bursaries/Grants	42	37%	658	32%
Other	19	17%	505	25%
Total	114		2,025	



Financial Debt Incurred to Finance Bac. Ed.:*	26.0101		UBC	
Incurred any form of financial debt	41	35%	835	41%
Incurred government-sponsored student loan debt	37	32%	719	35%

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



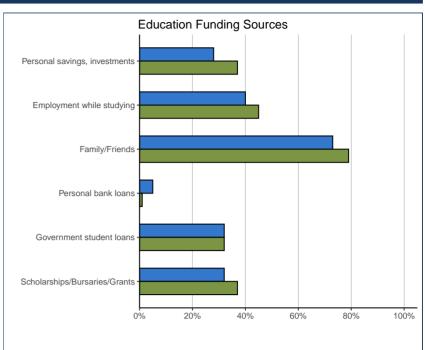
<sup>\*</sup> Includes only cases where financial debt was incurred

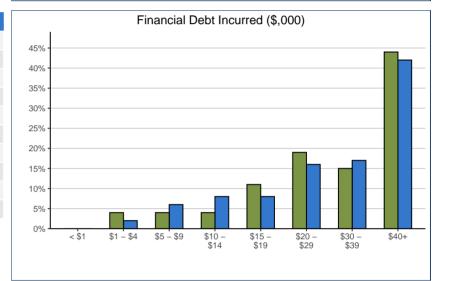


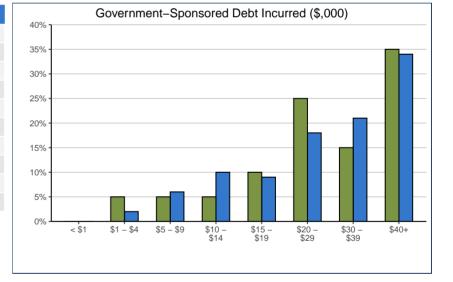
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

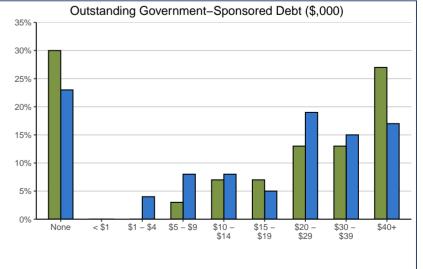


<sup>\*</sup> Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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