

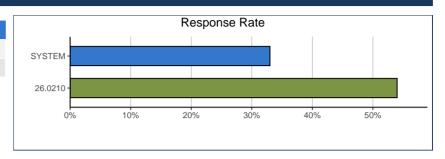
B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

26.0210

Detailed Summary of Survey Results
All Institutions
26.0210: Biochemistry and molecular biology

RESPONSE RATE

Survey Response Rate:	26.0210		SYSTEM	
Baccalaureate Graduates Survey Cohort	119	100%	25,962	100%
Survey Respondents and Response Rate	64	54%	8,603	33%

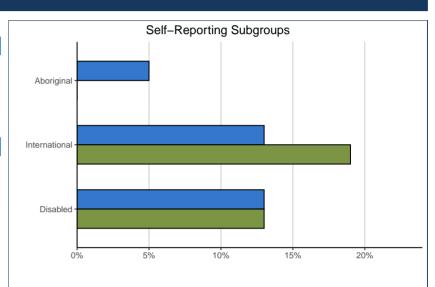


DEMOGRAPHIC INFORMATION

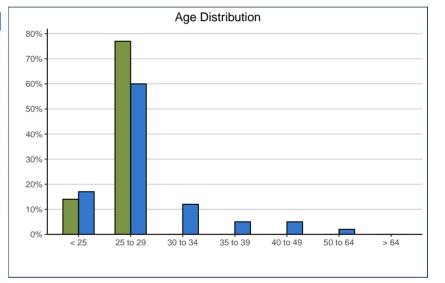
Self-Reporting Subgroups:	26.0210		SYSTEM	
Disabled	8 13%		1,079	13%
International	12	19%	1,153	13%
Aboriginal	~	~	330	5%

Gender:*	26.0210		26.0210 SYSTE	
Male	32	50%	3,534	41%
Female	32	50%	5,051	59%
Total	64	100%	8,585	100%

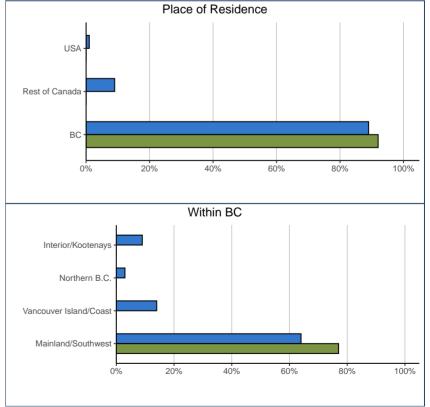
^{*}Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.



Age (at time of survey):	26.0210		SYSTEM	
< 25	9	14%	1,417	17%
25 to 29	49	77%	5,150	60%
30 to 34	~	~	994	12%
35 to 39	0	0%	417	5%
40 to 49	~	~	407	5%
50 to 64	0	0%	175	2%
> 64	0	0%	26	0%
Total	64	100%	8,586	100%
Median Age	25		26	
Average (mean) Age	27		28	



26.0210		SYSTEM	
47	77%	4,824	64%
~	~	1,065	14%
~	~	225	3%
~	~	673	9%
56	92%	6,787	89%
~	~	328	4%
~	~	239	3%
~	~	165	2%
~	~	75	1%
5	8%	807	11%
61	100%	7,594	100%
	47 ~ ~ 56 ~ ~ ~ 5	47 77% 56 92% 5 8%	47 77% 4,824 ~ ~ 1,065 ~ ~ 225 ~ ~ 673 56 92% 6,787 ~ ~ 328 ~ ~ 239 ~ ~ 165 ~ ~ 75 5 8% 807





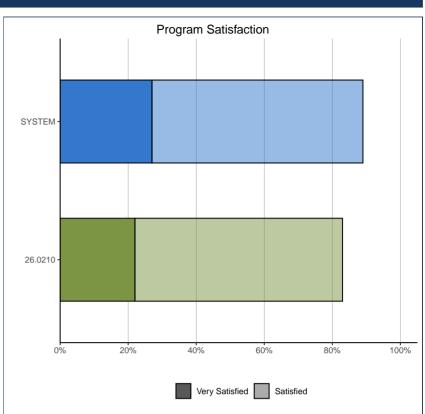


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	26.0210		SYS	TEM
Very Satisfied	14	22%	2,262	27%
Satisfied	39	61%	5,296	62%
Dissatisfied	10	16%	740	9%
Very Dissatisfied	1	2%	184	2%
Total	64	100%	8,482	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	26.	26.0210		SYSTEM	
Very Useful	9	9 23%		39%	
Somewhat Useful	21	53%	3,247	46%	
Not Very Useful	7	18%	814	12%	
Not at All Useful	3	8%	250	4%	
Total	40	100%	7,015	100%	

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	26.0210		SYSTEM		
Yes	9	14%	818	10%	
No	55	86%	7,545	90%	



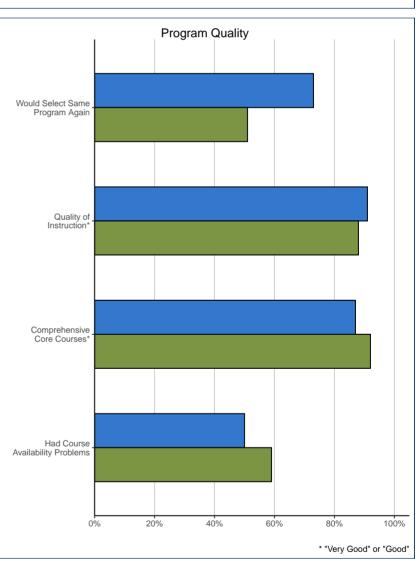
Would select the same program again:	26.0210		SYS	TEM
Yes	31	51%	5,501	73%
No	30	49%	2,019	27%

Quality of Instruction:	26.0	26.0210		TEM
Very Good	12	19%	2,328	27%
Good	43	69%	5,423	64%
Poor	7	11%	649	8%
Very Poor	0	0%	131	2%
Total	62	100%	8.531	100%

Comprehensiveness of Core Courses:	26.	26.0210		SYSTEM	
Very Good	12	19%	2,206	26%	
Good	45	73%	5,161	61%	
Poor	4	6%	862	10%	
Very Poor	1	2%	171	2%	
Total	62	100%	8.400	100%	

Course Availability:	26.0210		SYSTEM	
Encountered course availability problems	36	59%	4,193	50%

Financial Constraints:	26.0210		SYS	TEM
Had to interrupt studies for financial reasons	10	16%	926	11%
Had to take program part-time for financial reasons	16	25%	1,545	18%



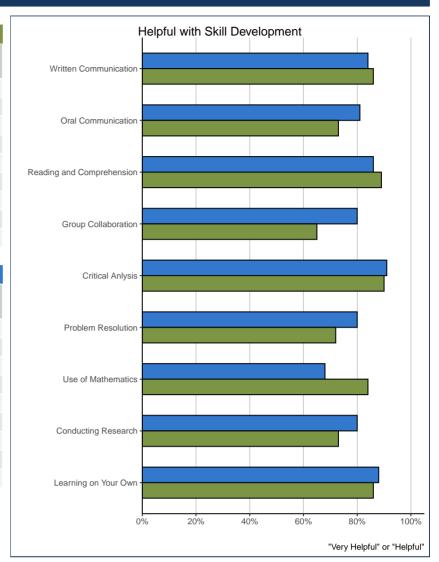




SKILL DEVELOPMENT

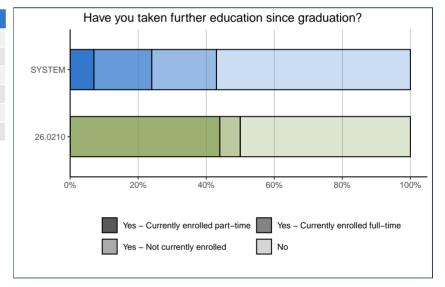
			26.0210		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	16%	70%	13%	2%	64
Oral Communication	21%	52%	21%	6%	63
Reading and Comprehension	31%	58%	11%	0%	64
Group Collaboration	9%	56%	28%	6%	64
Critical Anlysis	44%	46%	8%	2%	63
Problem Resolution	21%	51%	29%	0%	63
Use of Mathematics	25%	59%	15%	2%	61
Conducting Research	30%	43%	24%	3%	63
Learning on Your Own	38%	48%	9%	5%	64

			SYSTEM		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	27%	57%	13%	3%	8,300
Oral Communication	25%	56%	17%	3%	8,321
Reading and Comprehension	30%	56%	13%	2%	8,343
Group Collaboration	28%	52%	17%	4%	8,403
Critical Anlysis	42%	49%	7%	2%	8,503
Problem Resolution	25%	55%	17%	3%	8,293
Use of Mathematics	21%	47%	24%	8%	6,569
Conducting Research	30%	50%	17%	4%	8,092
Learning on Your Own	38%	50%	9%	3%	8,397

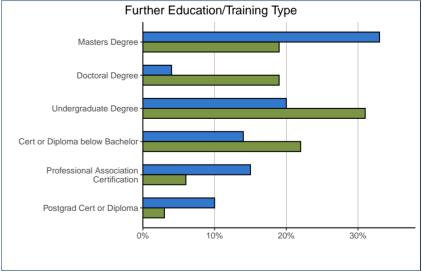


FURTHER EDUCATION

Took further education since 2021 graduation:	26.0210		SYS	TEM
Yes	32	50%	3,668	43%
Not currently enrolled	4	6%	1,580	19%
Currently enrolled full-time	28	44%	1,472	17%
Currently enrolled part-time	0	0%	565	7%
No	32	50%	4,870	57%
Total	64	100%	8,538	100%



Type of Formal Post–Secondary Education:	26.	26.0210		TEM
Masters Degree	6	19%	1,184	33%
Doctoral Degree	6	19%	153	4%
Another Undergraduate Degree	10	31%	718	20%
Certificate or Diploma below Bachelor level	7	22%	510	14%
Professional Association Certification	2	6%	538	15%
Postgraduate Certificate or Diploma	1	3%	359	10%
Other	0	0%	162	4%
Total	32	100%	3,624	100%







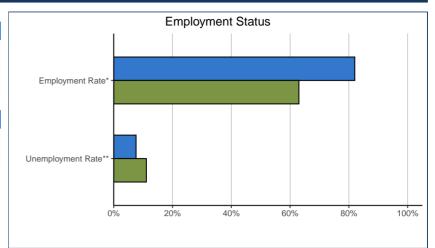
EMPLOYMENT

7.6%

Labour Fource Status:	26.0210		SYS	TEM		
In Labour Force (working or seeking work)	45	70%	7,643	90%		
Not in Labour Force	19	30%	803	10%		
Total	64	100%	8,446	100%		
Employment:	26.0210		26.0210		SYS	TEM
Employment Rate*	40	63%	7,062	82%		



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

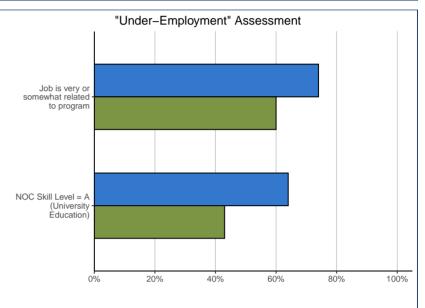


Status of Graduates NOT in Labour Force:	26.0210		SYSTEM	
Attending School FT	15	79%	565	70%
Attending School PT	0	0%	20	2%
Other	4	21%	218	27%
Total NOT in Labour Force	19	100%	803	100%

Primary Employment Type:	26.0	210	SYS	TEM
Paid worker	38	95%	6,623	94%
Self-employed	2	5%	412	6%
Total	40	100%	7,035	100%

Job Characteristics:	26.0210		SYS	TEM
I hold more than one job*	5	13%	1,243	18%
My main job is full-time (>= 30 hours per week)**	31	78%	5,922	89%

^{*}Of total Employed



How related is your main job to your program?	26.0210		SYS	TEM
Very Related	9	23%	3,081	44%
Somewhat Related	15	38%	2,151	31%
Not Very Related	7	18%	901	13%
Not at All Related	9	23%	910	13%
Total	40	100%	7,043	100%

"Under-employment" Assessment:	26.0	210	SYSTEM	
Job is very or somewhat related to program	24	60%	5,232	74%
NOC Skill Level = A (University Education)*	16	43%	4,148	64%

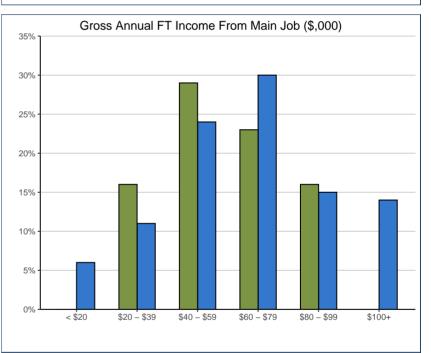
^{*}Of total valid responses

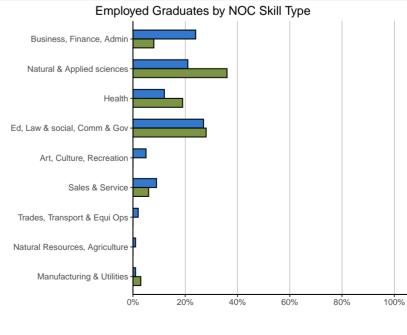
Manufacturing & utilities

Total

Gross Annual Income from Main Job:*	2	26.0210		TEM
Less than \$20,000	~	~	310	6%
\$20,000 to \$39,999	5	16%	593	11%
\$40,000 to \$59,999	9	29%	1,303	24%
\$60,000 to \$79,999	7	23%	1,609	30%
\$80,000 to \$99,999	5	16%	805	15%
\$100,000 and Above	~	~	729	14%
Total	31	100%	5,349	100%
Median Annual Income (full-time) (\$)	60,000		68,000	
Average Annual Income (full-time) (\$)	61,250		74,015	
*Where data provided				

^{26.0210} SYSTEM NOC Skill Type of Main Job: Business, finance & administration 3 8% 1,558 24% 13 Natural & applied sciences & related 36% 1,354 21% 19% Health 7 761 12% Education, law and social, community & government 10 28% 1,787 27% Art, culture, recreation & sport 0 0% 296 5% Sales & service 2 6% 559 9% Trades, transport & equipment operators & related 0 0% 114 2% Natural resources, agriculture & related production 0 0% 35 1%





35

6,499

1%

100%

3%

100%

1

36

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

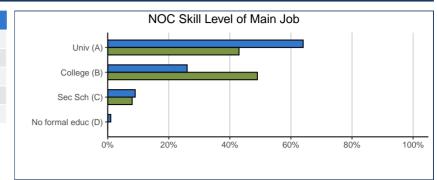
^{**}Of those who provided data on hours/week worked





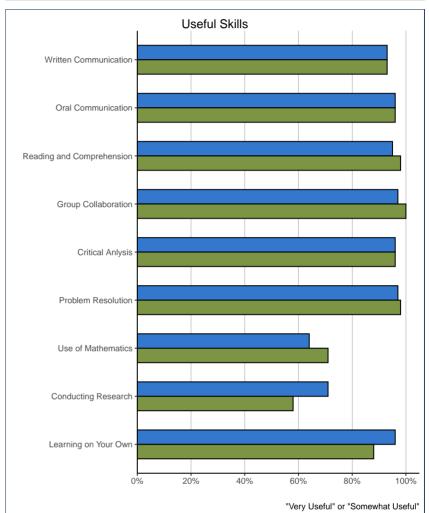
EMPLOYMENT, continued

NOC Skill Level of Main Job:	26.0210		SYSTEM	
A. University education		43%	4,148	64%
B. College education/trade apprenticeship	18	49%	1,713	26%
C. Secondary school + job-specific training	3	8%	564	9%
D. No formal education	0	0%	90	1%
Total	37	100%	6,515	100%



	26.0210				
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	60%	33%	3%	5%	40
Oral Communication	68%	28%	3%	3%	40
Reading and Comprehension	83%	15%	0%	3%	40
Group Collaboration	77%	23%	0%	0%	39
Critical Anlysis	68%	28%	5%	0%	40
Problem Resolution	75%	23%	3%	0%	40
Use of Mathematics	38%	33%	18%	13%	40
Conducting Research	35%	23%	15%	28%	40
Learning on Your Own	60%	28%	8%	5%	40

	SYSTEM				
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	71%	22%	4%	2%	7,014
Oral Communication	78%	18%	2%	1%	7,014
Reading and Comprehension	72%	23%	4%	1%	7,014
Group Collaboration	79%	18%	2%	1%	7,016
Critical Anlysis	76%	20%	3%	1%	7,016
Problem Resolution	80%	17%	2%	1%	7,013
Use of Mathematics	27%	37%	22%	14%	6,834
Conducting Research	37%	34%	17%	11%	6,904
Learning on Your Own	70%	26%	3%	2%	6,997



Top 10 Full-time Occupations of 26.0210 Graduates:		26.0210	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2221	В	Biological technologists and technicians	15%
*			
*			
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*			

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed

Top 10 Full-time Occupations of SYSTEM Graduates:			SYSTEM
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	Α	Registered nurses and registered psychiatric nurses	6%
XXXX	0	Unclassified occupations	5%
2173	Α	Software engineers and designers	3%
1111	Α	Financial auditors and accountants	3%
4032	Α	Elementary school and kindergarten teachers	3%
4212	В	Social and community service workers	3%
1123	Α	Professional occupations in advertising, marketing and public relations	3%
2174	Α	Computer programmers and interactive media developers	3%
1221	В	Administrative officers	2%
4031	A	Secondary school teachers	2%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	26.	26.0210		TEM
Personal savings, investments		29%	2,643	31%
Employment while studying		54%	4,042	48%
Family/Friends	39	62%	5,041	60%
Personal bank loans	1	2%	535	6%
Government student loans	15	24%	2,834	34%
Scholarships/Bursaries/Grants	26	41%	2,631	31%
Other	19	30%	1,990	24%
Total	63		8,391	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	26.0210		SYSTEM	
Incurred any form of financial debt	20	32%	3,736	44%
Incurred government-sponsored student loan debt	16	25%	3,105	37%

^{*} Percentage of respondents who provided data



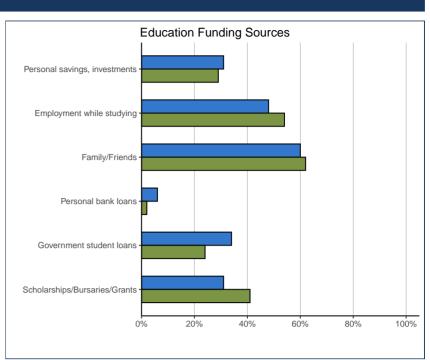
^{*} Includes only cases where financial debt was incurred

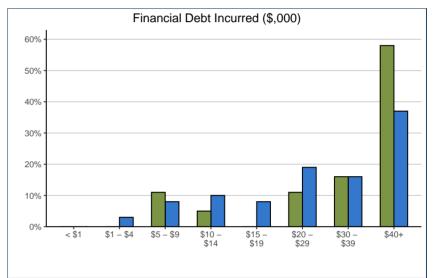


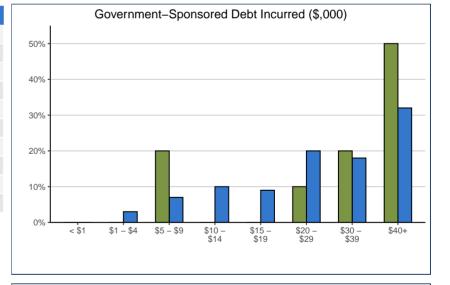
^{*} Includes only cases where government-sponsored debt was incurred

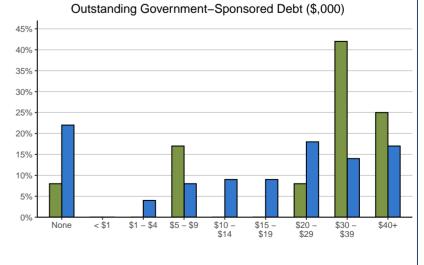


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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