

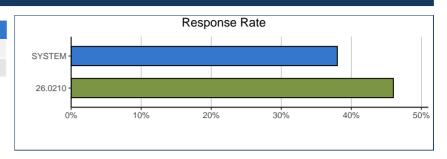
### B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

SYSTEM 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	132	100%	24,752	100%
Survey Respondents and Response Rate	61	46%	9,423	38%

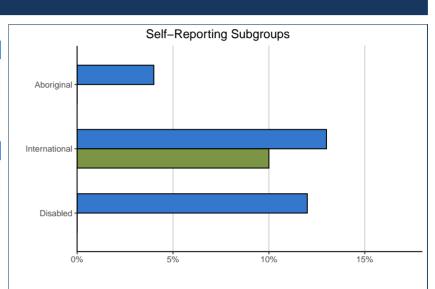


#### DEMOGRAPHIC INFORMATION

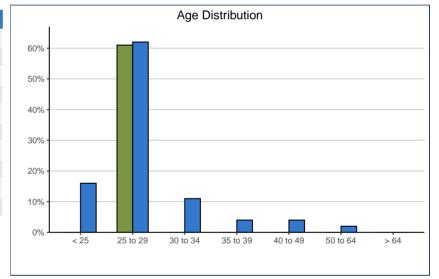
Self-Reporting Subgroups:	26.0210		SYSTEM	
Disabled	~	~	1,082	12%
International	6	10%	1,205	13%
Aboriginal	~	~	357	4%

Gender:*	26.0210		SYSTEM	
Male	28	46%	3,744	40%
Female	33	54%	5,675	60%
Total	61	100%	9,419	100%

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

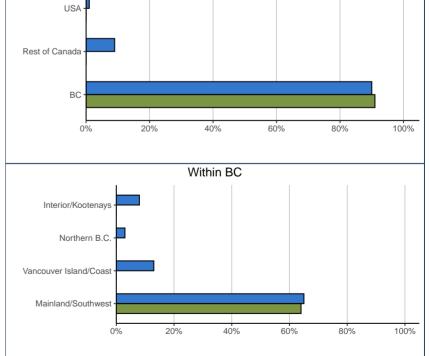


Age (at time of survey):	26.0210		SYSTEM	
< 25	~	~	1,496	16%
25 to 29	37	61%	5,860	62%
30 to 34	~	~	1,035	11%
35 to 39	~	~	421	4%
40 to 49	0	0%	397	4%
50 to 64	0	0%	186	2%
> 64	0	0%	22	0%
Total	61	100%	9,417	100%
Median Age	25		26	
Average (mean) Age	26		28	

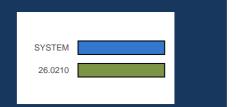


Place of Residence

Place of Residence (at time of survey):	26.0210		SYSTEM	
BC – Mainland/Southwest	37 64%		5,472	65%
BC - Vancouver Island/Coast	~	~	1,112	13%
BC – Northern B.C.	~	~	270	3%
BC – Interior/Kootenays	~	~	672	8%
BC Subtotal	53	91%	7,526	90%
Canada – Alberta	~	~	343	4%
Canada – Ontario	~	~	280	3%
Canada – Other	0	0%	176	2%
U.S.A.	0	0%	80	1%
Non-BC Subtotal	5	9%	879	10%
Total	58	100%	8,405	100%





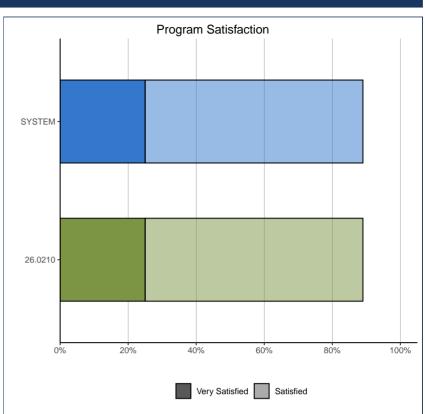


#### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	26.0210		SYSTEM	
Very Satisfied	15	25%	2,332	25%
Satisfied	38	64%	5,914	64%
Dissatisfied	4	7%	831	9%
Very Dissatisfied	2	3%	188	2%
Total	59	100%	9,265	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	26.0210		SYSTEM	
Very Useful	16	36%	3,011	38%
Somewhat Useful	17	39%	3,664	47%
Not Very Useful	8	18%	886	11%
Not at All Useful	3	7%	283	4%
Total	44	100%	7,844	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	26.0	)210	SYSTEM		
Yes	7	12%	902	10%	
No	52	88%	8,298	90%	



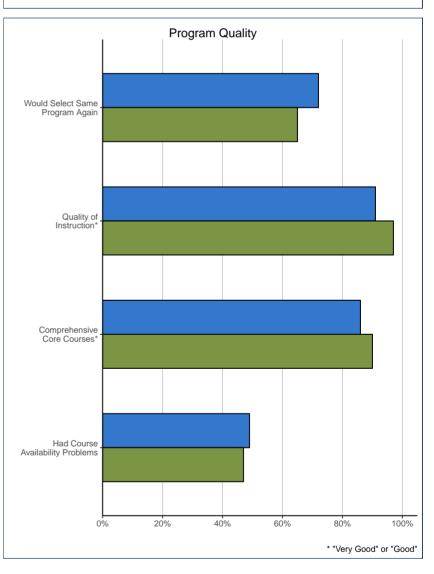
Would select the same program again:	26.0210		SYSTEM	
Yes	33	65%	5,963	72%
No	18	35%	2,334	28%

Quality of Instruction:	26.0	26.0210		SYSTEM	
Very Good	14	23%	2,498	27%	
Good	45	74%	6,007	64%	
Poor	1	2%	685	7%	
Very Poor	1	2%	131	1%	
Total	61	100%	9.321	100%	

Comprehensiveness of Core Courses:	26.	26.0210		SYSTEM	
Very Good	10	16%	2,303	25%	
Good	45	74%	5,649	61%	
Poor	4	7%	1,073	12%	
Very Poor	2	3%	172	2%	
Total	61	100%	9.197	100%	

Course Availability:	26.0210		SYSTEM	
Encountered course availability problems	28	47%	4,485	49%

Financial Constraints:	26.0210		SYS	TEM
Had to interrupt studies for financial reasons	5	9%	987	11%
Had to take program part–time for financial reasons	9	15%	1,629	18%



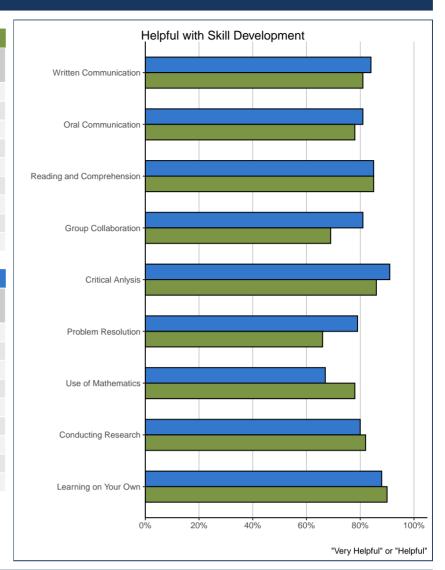




#### SKILL DEVELOPMENT

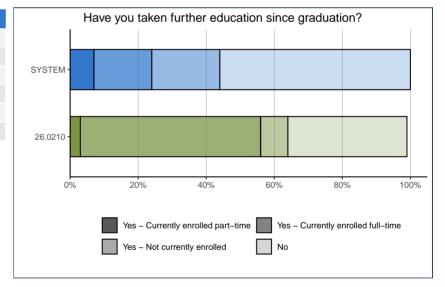
			26.0210		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	20%	61%	15%	5%	61
Oral Communication	19%	59%	17%	5%	59
Reading and Comprehension	40%	45%	7%	8%	60
Group Collaboration	17%	52%	28%	3%	60
Critical Anlysis	48%	38%	13%	2%	61
Problem Resolution	23%	43%	28%	5%	60
Use of Mathematics	19%	59%	17%	5%	58
Conducting Research	49%	33%	12%	5%	57
Learning on Your Own	47%	43%	8%	2%	60

			SYSTEM		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	27%	57%	14%	3%	9,025
Oral Communication	24%	57%	17%	3%	9,114
Reading and Comprehension	28%	57%	13%	2%	9,119
Group Collaboration	28%	53%	17%	3%	9,187
Critical Anlysis	41%	50%	8%	2%	9,297
Problem Resolution	23%	56%	17%	3%	9,057
Use of Mathematics	20%	47%	25%	9%	7,165
Conducting Research	30%	50%	17%	4%	8,871
Learning on Your Own	38%	50%	10%	2%	9,189

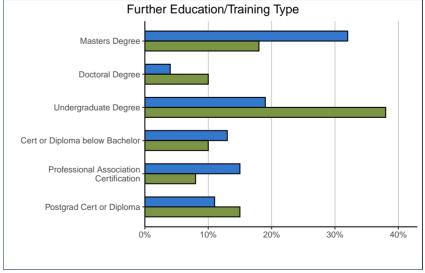


#### **FURTHER EDUCATION**

Took further education since 2020 graduation:	26.0210		SYS	TEM
Yes	39	65%	4,119	44%
Not currently enrolled	5	8%	1,831	20%
Currently enrolled full-time	32	53%	1,602	17%
Currently enrolled part-time	2	3%	637	7%
No	21	35%	5,244	56%
Total	60	100%	9,363	100%



Type of Formal Post–Secondary Education:	26.	26.0210		TEM
Masters Degree	7	18%	1,307	32%
Doctoral Degree	4	10%	167	4%
Another Undergraduate Degree	15	38%	789	19%
Certificate or Diploma below Bachelor level	4	10%	527	13%
Professional Association Certification	3	8%	603	15%
Postgraduate Certificate or Diploma	6	15%	431	11%
Other	0	0%	236	6%
Total	39	100%	4,060	100%

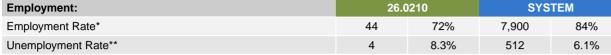




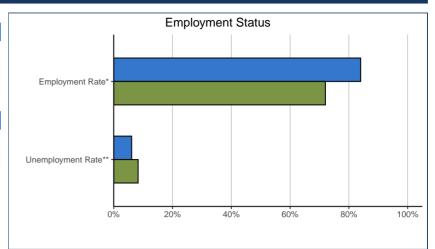


#### **EMPLOYMENT**

Labour Fource Status:	26.0210		SYSTEM		
In Labour Force (working or seeking work)	48	84%	8,412	91%	
Not in Labour Force	9	16%	857	9%	
Total	57	100%	9,269	100%	
Employment:	26.0210		26.0210 SYSTEM		TEM



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

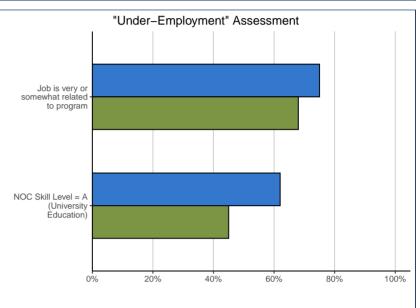


Status of Graduates NOT in Labour Force:	26.0210		SYS	TEM
Attending School FT	9	100%	597	70%
Attending School PT	0	0%	23	3%
Other	0	0%	237	28%
Total NOT in Labour Force	9	100%	857	100%

Primary Employment Type:	26.0210		SYSTEM	
Paid worker	43	98%	7,394	94%
Self-employed	1	2%	493	6%
Total	44	100%	7,887	100%

Job Characteristics:	26.0210		SYS	TEM
I hold more than one job*	14	32%	1,463	19%
My main job is full-time (>= 30 hours per week)**	33	80%	6,655	89%

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



How related is your main job to your program?	26.0210		SYSTEM	
Very Related	11	25%	3,386	43%
Somewhat Related	19	43%	2,530	32%
Not Very Related	3	7%	1,013	13%
Not at All Related	11	25%	954	12%
Total	44	100%	7,883	100%

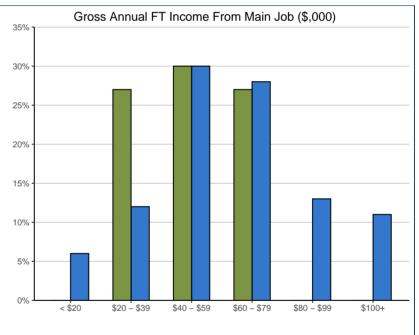
"Under-employment" Assessment:	26.0210		SYSTEM	
Job is very or somewhat related to program	30	68%	5,916	75%
NOC Skill Level = A (University Education)*	18	45%	4,631	62%

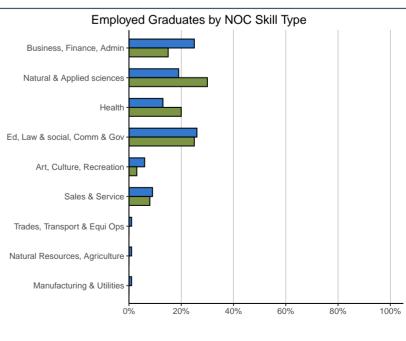
<sup>\*</sup>Of total valid responses

Gross Annual Income from Main Job:*	26.0210		SYSTEM	
Less than \$20,000	~	~	328	6%
\$20,000 to \$39,999	8	27%	725	12%
\$40,000 to \$59,999	9	30%	1,773	30%
\$60,000 to \$79,999	8	27%	1,673	28%
\$80,000 to \$99,999	~	~	799	13%
\$100,000 and Above	0	0%	659	11%
Total	30	100%	5,957	100%
Median Annual Income (full-time) (\$)	54,500		63,000	
Average Annual Income (full-time) (\$)	51,510		70,455	

\*Where data provided

NOC Skill Type of Main Job:		26.0210		TEM
Business, finance & administration	6	15%	1,844	25%
Natural & applied sciences & related	12	30%	1,422	19%
Health		20%	933	13%
Education, law and social, community & government		25%	1,946	26%
Art, culture, recreation & sport	1	3%	438	6%
Sales & service	3	8%	658	9%
Trades, transport & equipment operators & related	0	0%	104	1%
Natural resources, agriculture & related production	0	0%	42	1%
Manufacturing & utilities	0	0%	39	1%
Total	40	100%	7,426	100%





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

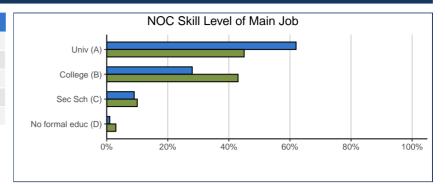
<sup>\*\*</sup>Of those who provided data on hours/week worked





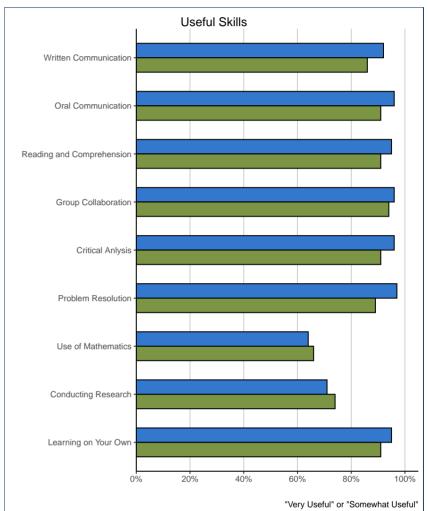
#### EMPLOYMENT, continued

NOC Skill Level of Main Job:	26.0210		SYSTEM	
A. University education	18	45%	4,631	62%
B. College education/trade apprenticeship	17	43%	2,082	28%
C. Secondary school + job-specific training	4	10%	647	9%
D. No formal education	1	3%	86	1%
Total	40	100%	7,446	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	51%	35%	7%	7%	43
Oral Communication	66%	25%	5%	5%	44
Reading and Comprehension	63%	28%	5%	5%	43
Group Collaboration	64%	30%	5%	2%	44
Critical Anlysis	64%	27%	2%	7%	44
Problem Resolution	59%	30%	5%	7%	44
Use of Mathematics	26%	40%	21%	14%	43
Conducting Research	44%	30%	12%	14%	43
Learning on Your Own	57%	34%	2%	7%	44

	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	67%	25%	5%	3%	7,839
Oral Communication	75%	21%	3%	1%	7,837
Reading and Comprehension	70%	25%	4%	1%	7,836
Group Collaboration	76%	20%	3%	1%	7,841
Critical Anlysis	74%	22%	3%	1%	7,838
Problem Resolution	77%	20%	2%	1%	7,833
Use of Mathematics	28%	36%	21%	15%	7,634
Conducting Research	36%	35%	17%	12%	7,717
Learning on Your Own	68%	27%	3%	2%	7,819



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	11%
4012	A	Post–secondary teaching and research assistants	11%
*			
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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 SYSTEM Graduates:			SYSTEM
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	A	Registered nurses and registered psychiatric nurses	6%
1111	A	Financial auditors and accountants	4%
XXXX	0	Unclassified occupations	3%
2173	A	Software engineers and designers	3%
4032	A	Elementary school and kindergarten teachers	3%
1123	A	Professional occupations in advertising, marketing and public relations	3%
4212	В	Social and community service workers	3%
2174	A	Computer programmers and interactive media developers	2%
4031	A	Secondary school teachers	2%
1221	В	Administrative officers	2%

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

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



#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	26.	26.0210		TEM
Personal savings, investments		15%	2,849	31%
Employment while studying		60%	4,716	51%
Family/Friends	37	62%	5,423	59%
Personal bank loans	2	3%	600	7%
Government student loans	18	30%	3,008	33%
Scholarships/Bursaries/Grants	28	47%	2,803	31%
Other	12	20%	1,997	22%
Total	60		9,180	

<sup>\*</sup> Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	26.0210		SYSTEM	
Incurred any form of financial debt	d any form of financial debt 25 42%			
Incurred government-sponsored student loan debt	20	33%	3,331	36%

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



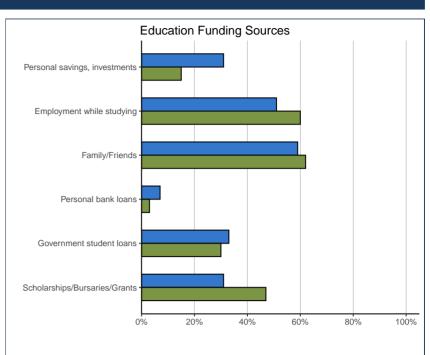
<sup>\*</sup> Includes only cases where financial debt was incurred

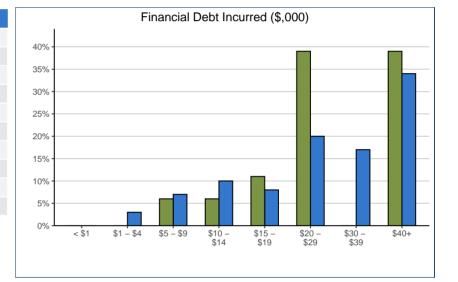


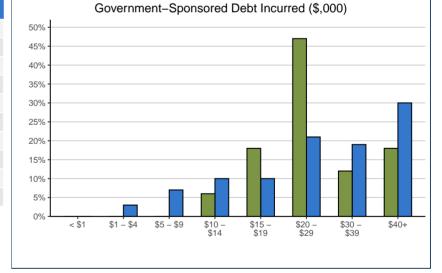
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

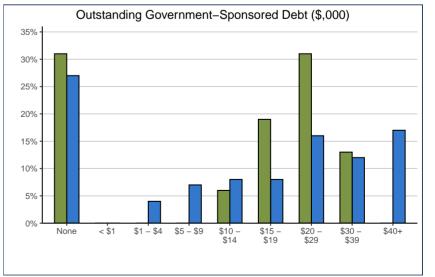


<sup>\*</sup> Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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