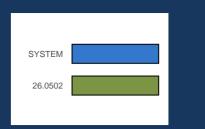


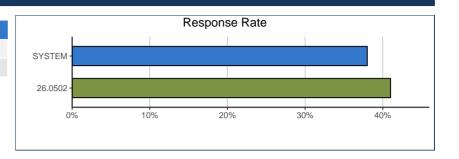
B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

Detailed Summary of Survey Results
All Institutions
26.0502: Microbiology, general



RESPONSE RATE

Survey Response Rate:	26.0502		SYSTEM	
Baccalaureate Graduates Survey Cohort	93	100%	24,752	100%
Survey Respondents and Response Rate	38	41%	9,423	38%

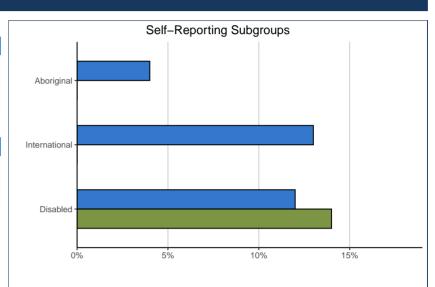


DEMOGRAPHIC INFORMATION

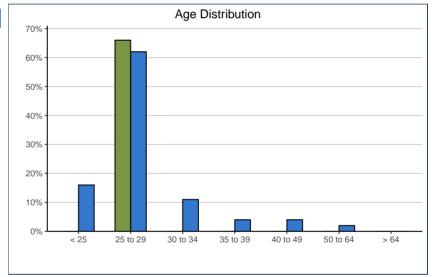
Self-Reporting Subgroups:	26.0502		SYSTEM	
Disabled	5	14%	1,082	12%
International	~	~	1,205	13%
Aboriginal	~	~	357	4%

Gender:*	26.0502		SYSTEM	
Male	15	39%	3,744	40%
Female	23	61%	5,675	60%
Total	38	100%	9,419	100%

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

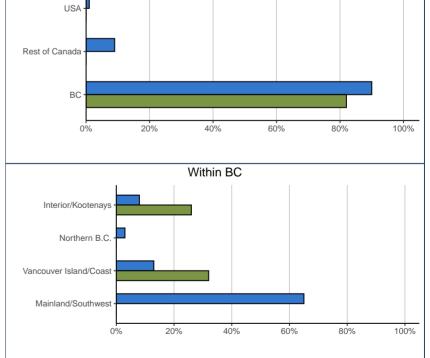


Age (at time of survey):	26.0502		SYSTEM	
< 25	~	~	1,496	16%
25 to 29	25	66%	5,860	62%
30 to 34	~	~	1,035	11%
35 to 39	0	0%	421	4%
40 to 49	0	0%	397	4%
50 to 64	0	0%	186	2%
> 64	0	0%	22	0%
Total	38	100%	9,417	100%
Median Age	25		26	
Average (mean) Age	26		28	



Place of Residence

		_		
Place of Residence (at time of survey):	26.0502		SYSTEM	
BC – Mainland/Southwest	~	~	5,472	65%
BC - Vancouver Island/Coast	11	32%	1,112	13%
BC – Northern B.C.	~	~	270	3%
BC – Interior/Kootenays	9	26%	672	8%
BC Subtotal	28	82%	7,526	90%
Canada – Alberta	~	~	343	4%
Canada – Ontario	~	~	280	3%
Canada – Other	0	0%	176	2%
U.S.A.	~	~	80	1%
Non-BC Subtotal	6	18%	879	10%
Total	34	100%	8,405	100%







EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	26.0502		SYSTEM	
Very Satisfied	8	21%	2,332	25%
Satisfied	25	66%	5,914	64%
Dissatisfied	4	11%	831	9%
Very Dissatisfied	1	3%	188	2%
Total	38	100%	9,265	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	26.0502		SYSTEM	
Very Useful	5	24%	3,011	38%
Somewhat Useful	9	43%	3,664	47%
Not Very Useful	7	33%	886	11%
Not at All Useful	0	0%	283	4%
Total	21	100%	7,844	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	26.0	0502	SYSTEM		
Yes	3	8%	902	10%	
No	35	92%	8,298	90%	



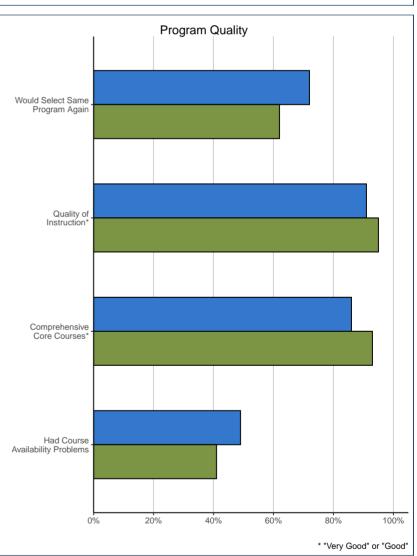
Would select the same program again:	26.0	0502	SYSTEM		
Yes	21	62%	5,963	72%	
No	13	38%	2,334	28%	

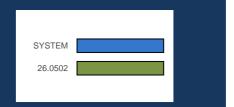
Quality of Instruction:	26.0	26.0502		TEM
Very Good	8	21%	2,498	27%
Good	28	74%	6,007	64%
Poor	2	5%	685	7%
Very Poor	0	0%	131	1%
Total	38	100%	9.321	100%

Comprehensiveness of Core Courses:	26.0	26.0502		TEM
Very Good	12	32%	2,303	25%
Good	23	61%	5,649	61%
Poor	3	8%	1,073	12%
Very Poor	0	0%	172	2%
Total	38	100%	9,197	100%

		_		
Course Availability:	26.0	0502	SYSTEM	
Encountered course availability problems	15	41%	4,485	49%

Financial Constraints:	26.0	0502	SYS	TEM
Had to interrupt studies for financial reasons	3	8%	987	11%
Had to take program part-time for financial reasons	10	26%	1,629	18%

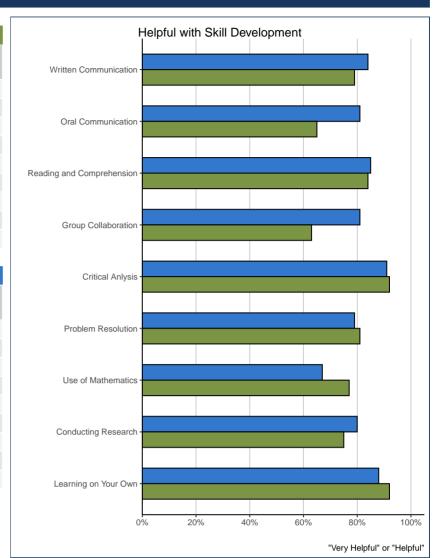




SKILL DEVELOPMENT

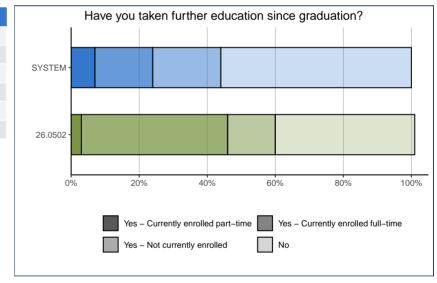
			26.0502		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	13%	66%	18%	3%	38
Oral Communication	11%	54%	27%	8%	37
Reading and Comprehension	26%	58%	16%	0%	38
Group Collaboration	16%	47%	34%	3%	38
Critical Anlysis	39%	53%	8%	0%	38
Problem Resolution	18%	63%	18%	0%	38
Use of Mathematics	8%	69%	19%	3%	36
Conducting Research	32%	43%	19%	5%	37
Learning on Your Own	42%	50%	8%	0%	38

			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

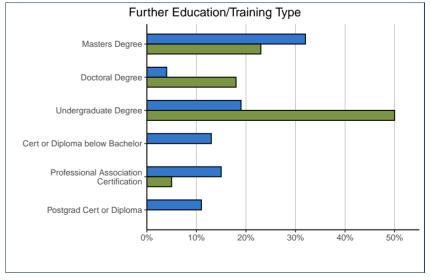


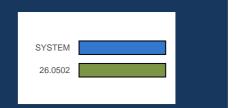
FURTHER EDUCATION

Took further education since 2020 graduation:	26.0502		SYS	TEM
Yes	22	59%	4,119	44%
Not currently enrolled	5	14%	1,831	20%
Currently enrolled full-time	16	43%	1,602	17%
Currently enrolled part-time	1	3%	637	7%
No	15	41%	5,244	56%
Total	37	100%	9,363	100%



Type of Formal Post–Secondary Education:	26.	26.0502		TEM
Masters Degree	5	5 23%		32%
Doctoral Degree	4	18%	167	4%
Another Undergraduate Degree	11	50%	789	19%
Certificate or Diploma below Bachelor level	0	0%	527	13%
Professional Association Certification	1	5%	603	15%
Postgraduate Certificate or Diploma	0	0%	431	11%
Other	1	5%	236	6%
Total	22	100%	4,060	100%



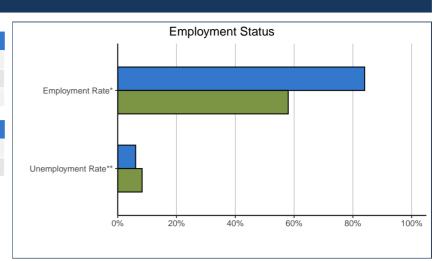


EMPLOYMENT

Labour Fource Status:	26.0502		SYSTEM	
In Labour Force (working or seeking work)	24	65%	8,412	91%
Not in Labour Force	13	35%	857	9%
Total	37	100%	9,269	100%

Employment:	26.0502		SYSTEM	
Employment Rate*	22	58%	7,900	84%
Unemployment Rate**	2	8.3%	512	6.1%

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



Status of Graduates NOT in Labour Force:	26.0502		SYSTEM	
Attending School FT	13	100%	597	70%
Attending School PT	0	0%	23	3%
Other	0	0%	237	28%
Total NOT in Labour Force	13	100%	857	100%

Primary Employment Type:	26.0502		SYSTEM	
Paid worker	21	95%	7,394	94%
Self-employed	1	5%	493	6%
Total	22	100%	7,887	100%

Job Characteristics:	26.0502		SYSTEM	
I hold more than one job*	3	14%	1,463	19%
My main job is full-time (>= 30 hours per week)**	20	95%	6,655	89%

^{*}Of total Employed

	"Unde	–Employme	ent" Assessi	ment	
Job is very or somewhat related -					
to program					
NOC Skill Level = A (University -					
Èducation)					
00	26 2	0% 40	0% 60	9% 80	% 100%

How related is your main job to your program?	26.0502		SYSTEM	
Very Related	5	23%	3,386	43%
Somewhat Related	6	27%	2,530	32%
Not Very Related	3	14%	1,013	13%
Not at All Related	8	36%	954	12%
Total	22	100%	7,883	100%

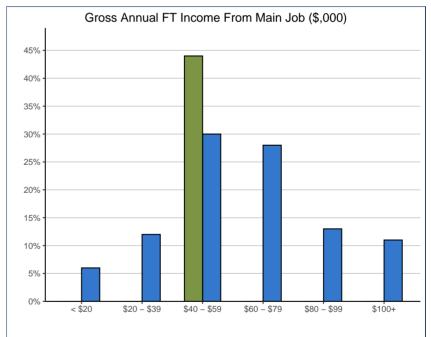
"Under-employment" Assessment:	26.0	0502	SYS	TEM
Job is very or somewhat related to program	11 50%		5,916	75%
NOC Skill Level = A (University Education)*	5	24%	4,631	62%

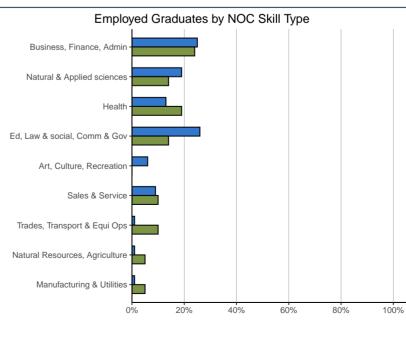
^{*}Of total valid responses

Gross Annual Income from Main Job:*	26.0502		SYSTEM	
Less than \$20,000	0	0%	328	6%
\$20,000 to \$39,999	~	~	725	12%
\$40,000 to \$59,999	8	44%	1,773	30%
\$60,000 to \$79,999	~	~	1,673	28%
\$80,000 to \$99,999	~	~	799	13%
\$100,000 and Above	~	~	659	11%
Total	18	100%	5,957	100%
Median Annual Income (full-time) (\$)	48,941		63,000	
Average Annual Income (full-time) (\$)	54,474		70,455	

^{*}Where data provided

NOC Skill Type of Main Job:	26	26.0502		TEM
Business, finance & administration	5	24%	1,844	25%
Natural & applied sciences & related	3	14%	1,422	19%
Health		19%	933	13%
Education, law and social, community & government	3	14%	1,946	26%
Art, culture, recreation & sport	0	0%	438	6%
Sales & service	2	10%	658	9%
Trades, transport & equipment operators & related	2	10%	104	1%
Natural resources, agriculture & related production	1	5%	42	1%
Manufacturing & utilities	1	5%	39	1%
Total	21	100%	7,426	100%

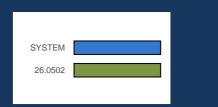




^{**}Percent = Total unemployed divided by total number in Labour Force

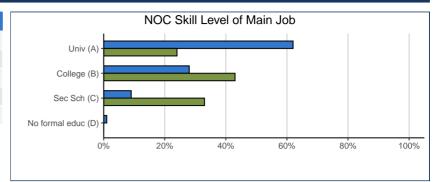
^{**}Of those who provided data on hours/week worked





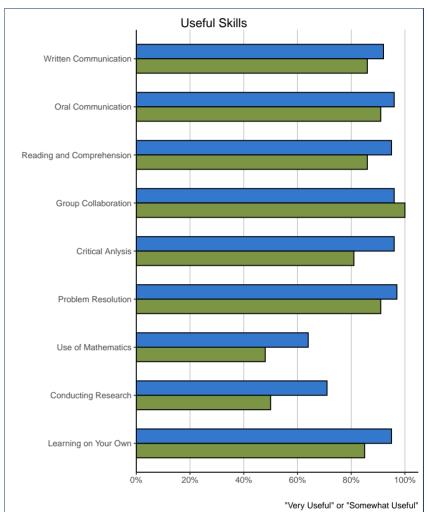
EMPLOYMENT, continued

NOC Skill Level of Main Job:	26.0502		SYSTEM	
A. University education	5	24%	4,631	62%
B. College education/trade apprenticeship	9	43%	2,082	28%
C. Secondary school + job-specific training	7	33%	647	9%
D. No formal education	0	0%	86	1%
Total	21	100%	7,446	100%



			26.0502		
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	62%	24%	5%	10%	21
Oral Communication	81%	10%	10%	0%	21
Reading and Comprehension	57%	29%	10%	5%	21
Group Collaboration	76%	24%	0%	0%	21
Critical Anlysis	57%	24%	19%	0%	21
Problem Resolution	86%	5%	10%	0%	21
Use of Mathematics	24%	24%	33%	19%	21
Conducting Research	30%	20%	20%	30%	20
Learning on Your Own	52%	33%	10%	5%	21

		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-tim	e Occupations of 26.0502 G	raduates:	26.0502
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
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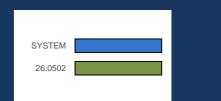
^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed

Top 10 Full-t	time Occupations of SYSTEM	M Graduates:	SYSTEM
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	A	Registered nurses and registered psychiatric nurses	6%
1111	Α	Financial auditors and accountants	4%
XXXX	0	Unclassified occupations	3%
2173	А	Software engineers and designers	3%
4032	Α	Elementary school and kindergarten teachers	3%
1123	А	Professional occupations in advertising, marketing and public relations	3%
4212	В	Social and community service workers	3%
2174	Α	Computer programmers and interactive media developers	2%
4031	Α	Secondary school teachers	2%
1221	В	Administrative officers	2%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	26.	26.0502		TEM
Personal savings, investments	11	11 29%		31%
Employment while studying	24	63%	4,716	51%
Family/Friends	29	76%	5,423	59%
Personal bank loans	0	0%	600	7%
Government student loans	13	34%	3,008	33%
Scholarships/Bursaries/Grants	17	45%	2,803	31%
Other	4	11%	1,997	22%
Total	38		9,180	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	26.0	502	SYS	TEM
Incurred any form of financial debt	13	34%	4,031	44%
Incurred government-sponsored student loan debt	13	34%	3,331	36%

^{*} Percentage of respondents who provided data



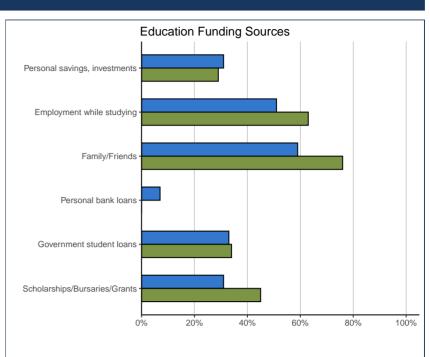
^{*} Includes only cases where financial debt was incurred

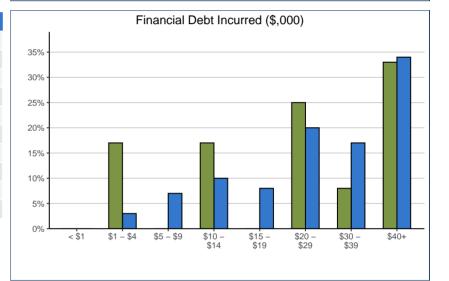


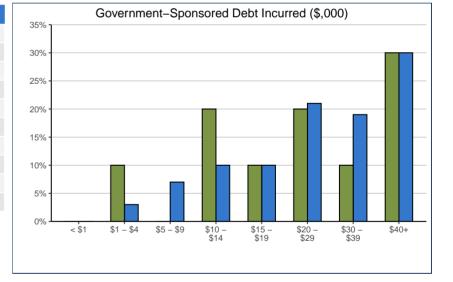
^{*} Includes only cases where government-sponsored debt was incurred

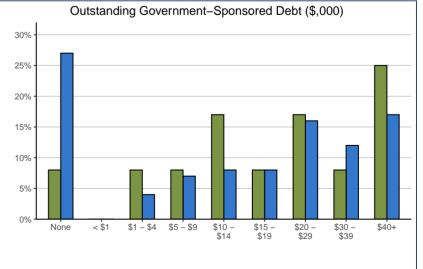


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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