

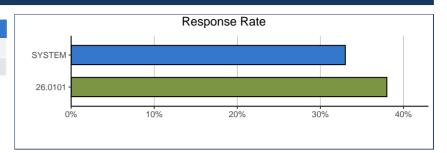
B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

SYSTEM 26.0101

Detailed Summary of Survey Results
All Institutions
26.0101: Biology/biological sciences, general

RESPONSE RATE

Survey Response Rate:	26.0101		SYSTEM	
Baccalaureate Graduates Survey Cohort	791	100%	25,962	100%
Survey Respondents and Response Rate	301	38%	8,603	33%

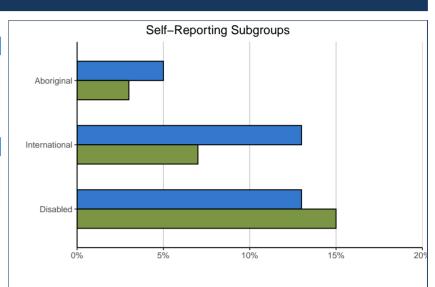


DEMOGRAPHIC INFORMATION

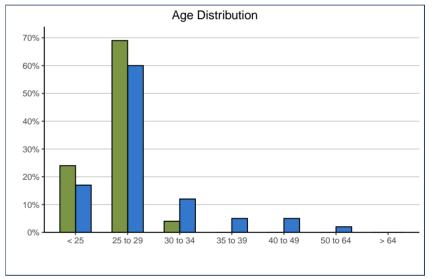
Self-Reporting Subgroups:	26.0101		SYSTEM	
Disabled	43	15%	1,079	13%
International	21	7%	1,153	13%
Aboriginal	9	3%	330	5%

Gender:*	26.0101		SYSTEM	
Male	96	32%	3,534	41%
Female	205	68%	5,051	59%
Total	301	100%	8,585	100%

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

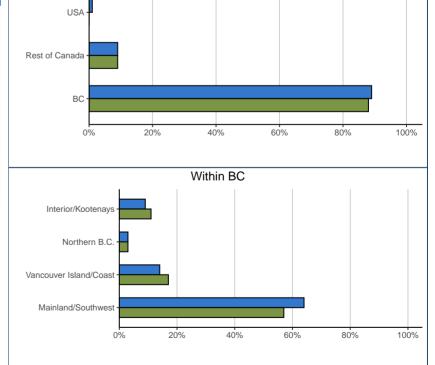


Age (at time of survey):	26.0101		SYSTEM	
< 25	71	24%	1,417	17%
25 to 29	207	69%	5,150	60%
30 to 34	13	4%	994	12%
35 to 39	~	~	417	5%
40 to 49	~	~	407	5%
50 to 64	~	~	175	2%
> 64	0	0%	26	0%
Total	300	100%	8,586	100%
Median Age	25		26	
Average (mean) Age	26		28	



Place of Residence

Place of Residence (at time of survey):	26.	26.0101		SYSTEM	
BC – Mainland/Southwest	152			64%	
BC - Vancouver Island/Coast	45	17%	1,065	14%	
BC – Northern B.C.	7	3%	225	3%	
BC – Interior/Kootenays	30	11%	673	9%	
BC Subtotal	234	88%	6,787	89%	
Canada – Alberta	18	7%	328	4%	
Canada – Ontario	6	2%	239	3%	
Canada – Other	~	~	165	2%	
U.S.A.	~	~	75	1%	
Non-BC Subtotal	32	12%	807	11%	
Total	266	100%	7,594	100%	





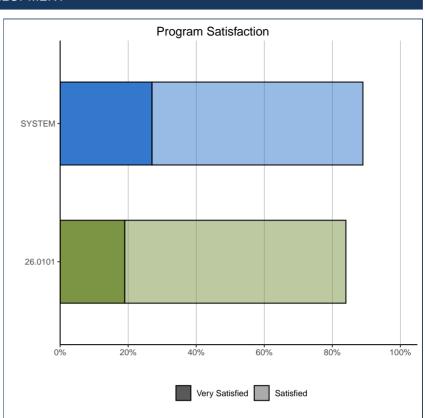


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	26.0101		SYSTEM	
Very Satisfied	55	19%	2,262	27%
Satisfied	192	65%	5,296	62%
Dissatisfied	40	13%	740	9%
Very Dissatisfied	10	3%	184	2%
Total	297	100%	8,482	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	26.	0101 SYSTEM		TEM
Very Useful	40	20%	2,704	39%
Somewhat Useful	103	52%	3,247	46%
Not Very Useful	40	20%	814	12%
Not at All Useful	14	7%	250	4%
Total	197	100%	7,015	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	26.0	26.0101		SYSTEM	
Yes	15	5%	818	10%	
No	283	95%	7,545	90%	



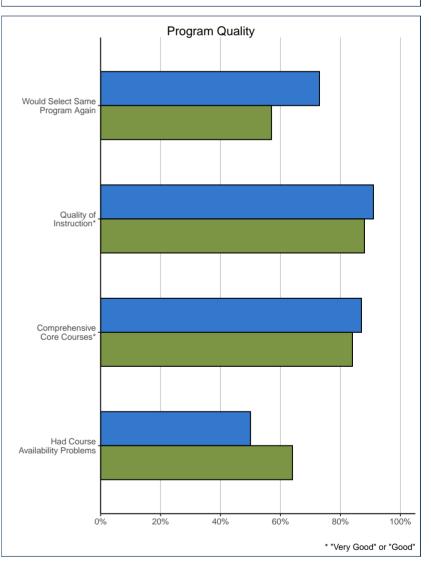
Would select the same program again:	26.0101		SYSTEM	
Yes	146	57%	5,501	73%
No	112	43%	2,019	27%

Quality of Instruction:	26.0	0101	SYSTEM	
Very Good	61	21%	2,328	27%
Good	199	67%	5,423	64%
Poor	31	10%	649	8%
Very Poor	6	2%	131	2%
Total	297	100%	8,531	100%

Comprehensiveness of Core Courses:	26.0101		SYSTEM	
Very Good	51	18%	2,206	26%
Good	190	66%	5,161	61%
Poor	45	16%	862	10%
Very Poor	4	1%	171	2%
Total	290	100%	8 400	100%

Course Availability:	26.0101		SYSTEM	
Encountered course availability problems	188	64%	4.193	50%

Financial Constraints:	26.0101		SYSTEM	
Had to interrupt studies for financial reasons	36	12%	926	11%
Had to take program part-time for financial reasons	46	16%	1,545	18%



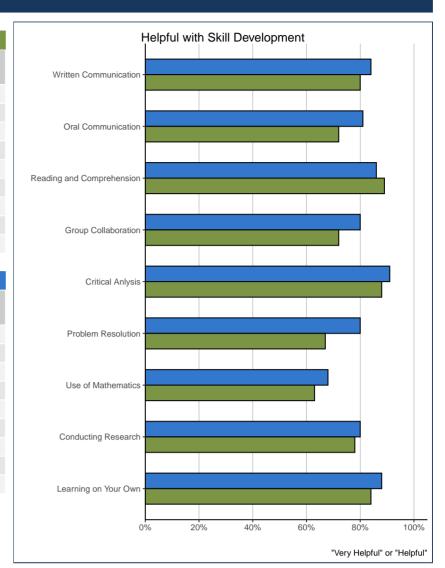




SKILL DEVELOPMENT

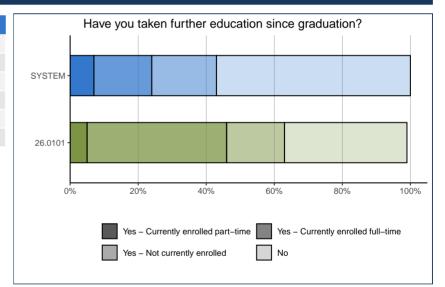
			26.0101		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	24%	56%	17%	3%	296
Oral Communication	16%	56%	26%	3%	294
Reading and Comprehension	33%	56%	10%	1%	299
Group Collaboration	18%	54%	23%	6%	297
Critical Anlysis	32%	56%	9%	3%	298
Problem Resolution	17%	50%	27%	5%	288
Use of Mathematics	11%	52%	28%	9%	285
Conducting Research	35%	43%	18%	4%	295
Learning on Your Own	36%	48%	12%	4%	299

			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

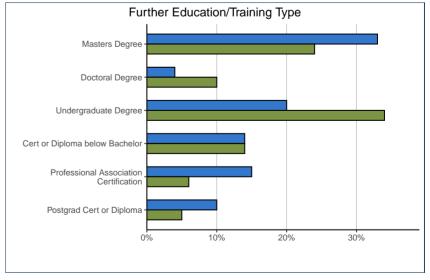


FURTHER EDUCATION

Took further education since 2021 graduation:	26.0	26.0101		TEM
Yes	192	64%	3,668	43%
Not currently enrolled	52	17%	1,580	19%
Currently enrolled full-time	122	41%	1,472	17%
Currently enrolled part-time	16	5%	565	7%
No	106	36%	4,870	57%
Total	298	100%	8,538	100%



Type of Formal Post–Secondary Education:	26.	26.0101		SYSTEM	
Masters Degree	47	24%	1,184	33%	
Doctoral Degree	19	10%	153	4%	
Another Undergraduate Degree	66	34%	718	20%	
Certificate or Diploma below Bachelor level	27	14%	510	14%	
Professional Association Certification	11	6%	538	15%	
Postgraduate Certificate or Diploma	10	5%	359	10%	
Other	12	6%	162	4%	
Total	192	100%	3,624	100%	





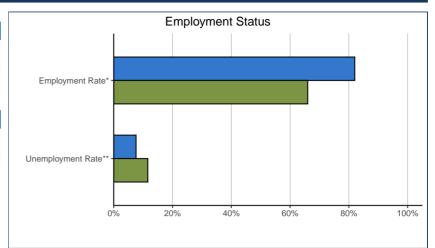


EMPLOYMENT

Labour Fource Status:	26.0	26.0101		TEM
In Labour Force (working or seeking work)	224	77%	7,643	90%
Not in Labour Force	66	23%	803	10%
Total	290	100%	8,446	100%
Employment:	26.0	26.0101		TEM
Employment Pate*	109	66%	7.062	220/



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

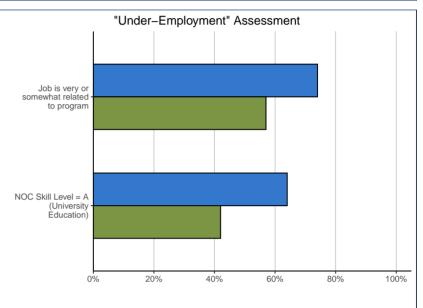


Status of Graduates NOT in Labour Force:	26.0101		SYSTEM	
Attending School FT	57	86%	565	70%
Attending School PT	0	0%	20	2%
Other	9	14%	218	27%
Total NOT in Labour Force	66	100%	803	100%

Primary Employment Type:	26.0101		SYS	TEM
Paid worker	186	95%	6,623	94%
Self-employed	9	5%	412	6%
Total	195	100%	7,035	100%

Job Characteristics:	26.0101		SYSTEM	
I hold more than one job*	38	19%	1,243	18%
My main job is full-time (>= 30 hours per week)**	145	80%	5,922	89%

^{*}Of total Employed



How related is your main job to your program?	26.0101		SYSTEM	
Very Related	46	23%	3,081	44%
Somewhat Related	67	34%	2,151	31%
Not Very Related	31	16%	901	13%
Not at All Related	54	27%	910	13%
Total	198	100%	7,043	100%

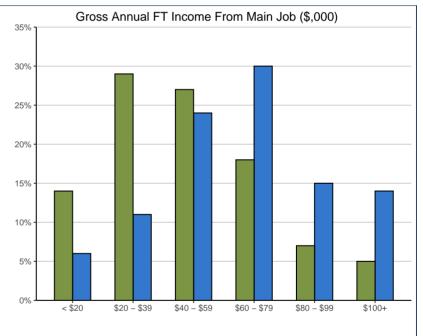
"Under-employment" Assessment:	26.0101		SYSTEM	
Job is very or somewhat related to program	113	57%	5,232	74%
NOC Skill Level = A (University Education)*	73	42%	4,148	64%

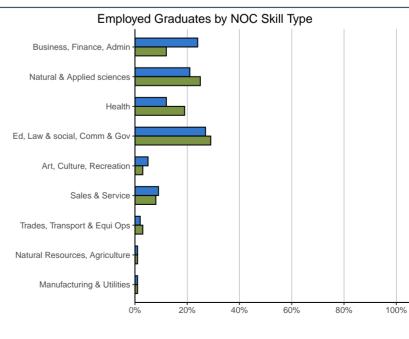
^{*}Of total valid responses

26.	26.0101		SYSTEM	
21	14%	310	6%	
42	29%	593	11%	
39	27%	1,303	24%	
27	18%	1,609	30%	
11	7%	805	15%	
7	5%	729	14%	
147	100%	5,349	100%	
52,460		68,000		
57,710		74,015		
	21 42 39 27 11 7 147 52,460	21 14% 42 29% 39 27% 27 18% 11 7% 7 5% 147 100% 52,460	21 14% 310 42 29% 593 39 27% 1,303 27 18% 1,609 11 7% 805 7 5% 729 147 100% 5,349 52,460 68,000	

^{*}Where data provided

NOC Skill Type of Main Job:	26.	26.0101		TEM
Business, finance & administration		12%	1,558	24%
Natural & applied sciences & related	44	25%	1,354	21%
Health	33	19%	761	12%
Education, law and social, community & government		29%	1,787	27%
Art, culture, recreation & sport	5	3%	296	5%
Sales & service	14	8%	559	9%
Trades, transport & equipment operators & related	5	3%	114	2%
Natural resources, agriculture & related production	2	1%	35	1%
Manufacturing & utilities	1	1%	35	1%
Total	175	100%	6,499	100%





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

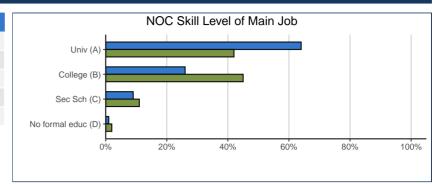
^{**}Of those who provided data on hours/week worked





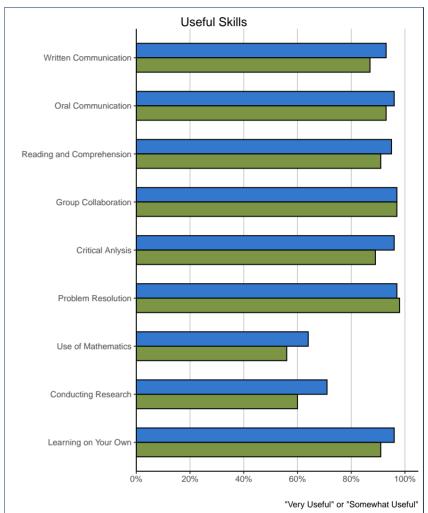
EMPLOYMENT, continued

NOC Skill Level of Main Job:	26.0101		SYSTEM	
A. University education	73	42%	4,148	64%
B. College education/trade apprenticeship	79	45%	1,713	26%
C. Secondary school + job-specific training	20	11%	564	9%
D. No formal education	3	2%	90	1%
Total	175	100%	6,515	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	63%	24%	7%	6%	195
Oral Communication	78%	15%	3%	3%	195
Reading and Comprehension	66%	25%	6%	3%	195
Group Collaboration	79%	18%	3%	1%	194
Critical Anlysis	70%	19%	7%	4%	195
Problem Resolution	76%	22%	1%	2%	195
Use of Mathematics	19%	37%	24%	21%	194
Conducting Research	31%	29%	17%	23%	191
Learning on Your Own	64%	27%	5%	5%	195

	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 26.0101 Graduates:		26.0101	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2221	В	Biological technologists and technicians	11%
XXXX	0	Unclassified occupations	7%
4012	Α	Post-secondary teaching and research assistants	4%
2121	А	Biologists and related scientists	4%
4212	В	Social and community service workers	3%
*			
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^{*} Data not displayed where n < 5

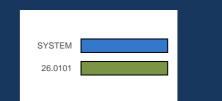
^{**} Percentages cited are of those employed

Top 10 Full-time Occupations of SYSTEM Graduates:			SYSTEM
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	A	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	Α	Secondary school teachers	2%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed





EDUCATION FINANCING

Funding Sources (3 sources allowed):*	26.0101		SYS	TEM
Personal savings, investments	98	34%	2,643	31%
Employment while studying	146	50%	4,042	48%
Family/Friends	197	68%	5,041	60%
Personal bank loans	13	4%	535	6%
Government student loans	105	36%	2,834	34%
Scholarships/Bursaries/Grants	113	39%	2,631	31%
Other	58	20%	1,990	24%
Total	291		8,391	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	26.0101		SYSTEM	
Incurred any form of financial debt	126 43%		3,736	44%
Incurred government-sponsored student loan debt	117	39%	3,105	37%

^{*} Percentage of respondents who provided data



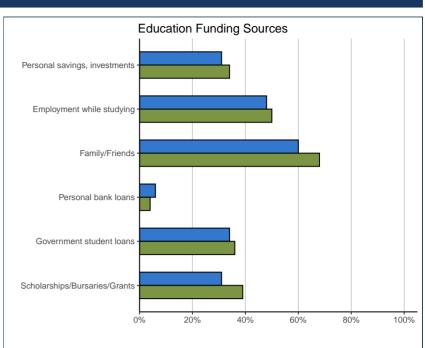
^{*} Includes only cases where financial debt was incurred

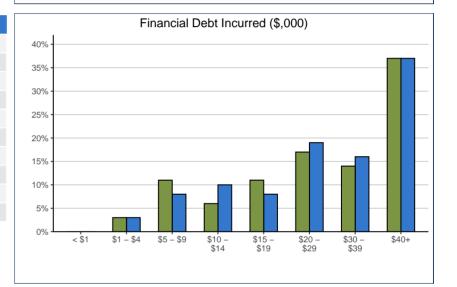


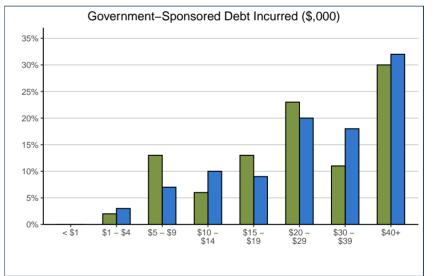
^{*} Includes only cases where government-sponsored debt was incurred

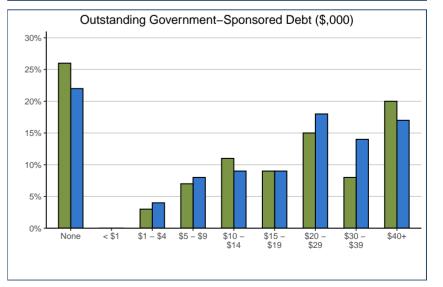


 $^{^{\}star}$ Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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