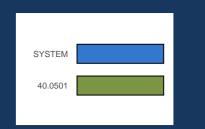


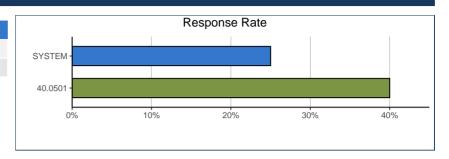
## B.C. Baccalaureate Outcomes 2024 Survey of 2022 Baccalaureate Graduates

Detailed Summary of Survey Results
All Institutions
40.0501: Chemistry, general



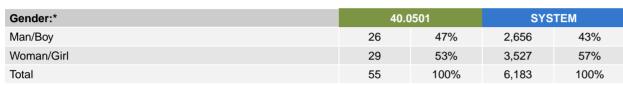
## RESPONSE RATE

Survey Response Rate:	40.0501		SYSTEM	
Baccalaureate Graduates Survey Cohort	138	100%	24,572	100%
Survey Respondents and Response Rate	55	40%	6,200	25%

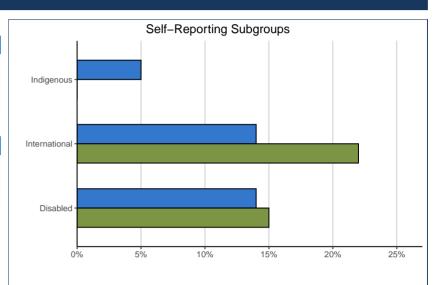


### DEMOGRAPHIC INFORMATION

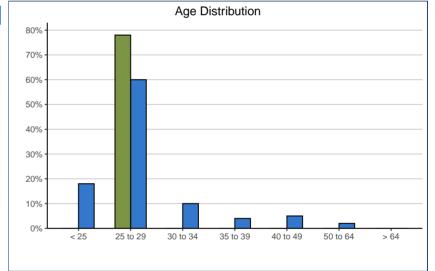
Self-Reporting Subgroups:	40.0501		SYSTEM	
Disabled	8	15%	851	14%
International	12	22%	878	14%
Indigenous	~	~	264	5%



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

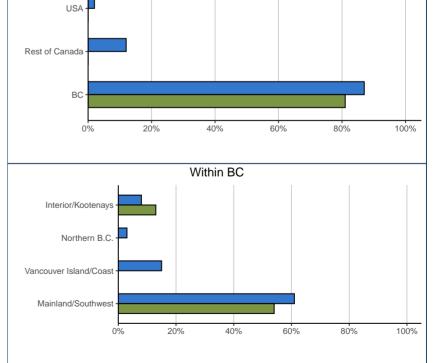


Age (at time of survey):	40.0501		SYSTEM	
< 25	~	~	1,133	18%
25 to 29	42	78%	3,740	60%
30 to 34	~	~	617	10%
35 to 39	0	0%	271	4%
40 to 49	0	0%	279	5%
50 to 64	0	0%	129	2%
> 64	0	0%	17	0%
Total	54	100%	6,186	100%
Median Age	25		26	
Average (mean) Age	26		28	



Place of Residence

Place of Residence (at time of survey):	40.0501		SYSTEM	
BC – Mainland/Southwest	28	54%	3,405	61%
BC – Vancouver Island/Coast	~	~	809	15%
BC – Northern B.C.	~	~	160	3%
BC – Interior/Kootenays	7	13%	459	8%
BC Subtotal	42	81%	4,833	87%
Canada – Alberta	~	~	266	5%
Canada – Ontario	~	~	212	4%
Canada – Other	~	~	139	3%
U.S.A.	~	~	100	2%
Non-BC Subtotal	10	19%	717	13%
Total	52	100%	5,550	100%







## **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	40.0501		SYS	TEM
Very Satisfied	15	27%	1,771	29%
Satisfied	37	67%	3,775	62%
Dissatisfied	3	5%	469	8%
Very Dissatisfied	0	0%	110	2%
Total	55	100%	6,125	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	40.0501		SYSTEM	
Very Useful	16	41%	1,989	40%
Somewhat Useful	13	33%	2,266	46%
Not Very Useful	10	26%	531	11%
Not at All Useful	0	0%	158	3%
Total	39	100%	4,944	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	40.	40.0501		SYSTEM		
Yes	6	11%	515	9%		
No	49	89%	5,527	91%		



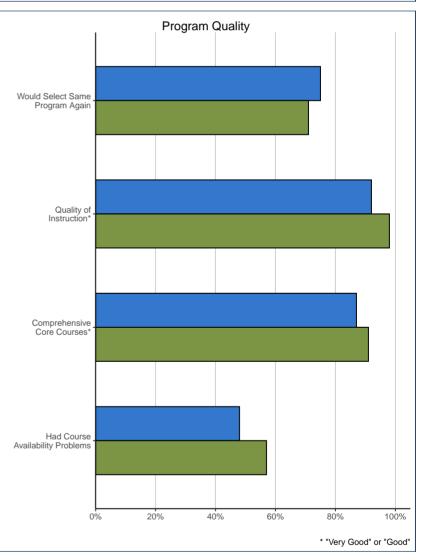
Would select the same program again:	40.0501		SYSTEM	
Yes	34	71%	4,137	75%
No	14	29%	1,363	25%

Quality of Instruction:	40.0501		SYSTEM	
Very Good	11	20%	1,727	28%
Good	43	78%	3,934	64%
Poor	0	0%	402	7%
Very Poor	1	2%	77	1%
Total	55	100%	6.140	100%

Comprehensiveness of Core Courses:	40.0	40.0501		SYSTEM	
Very Good	18	35%	1,667	27%	
Good	29	56%	3,645	60%	
Poor	5	10%	649	11%	
Very Poor	0	0%	115	2%	
Total	52	100%	6,076	100%	

Course Availability:	40.0501		SYSTEM	
Encountered course availability problems	31	57%	2,918	48%

Financial Constraints:	40.0501		SYSTEM	
Had to interrupt studies for financial reasons	2	4%	565	9%
Had to take program part-time for financial reasons	7	13%	955	16%



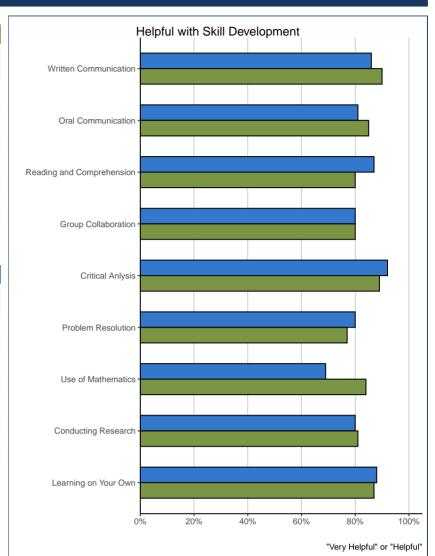




## SKILL DEVELOPMENT

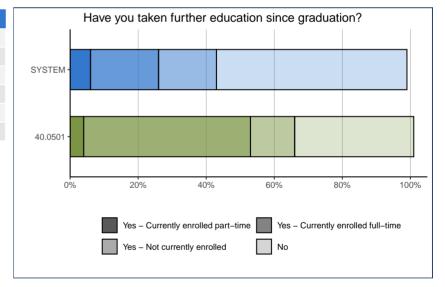
			40.0501		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	20%	70%	9%	0%	54
Oral Communication	25%	60%	15%	0%	52
Reading and Comprehension	25%	55%	18%	2%	55
Group Collaboration	24%	56%	20%	0%	55
Critical Anlysis	45%	44%	11%	0%	55
Problem Resolution	26%	51%	23%	0%	53
Use of Mathematics	35%	49%	15%	2%	55
Conducting Research	54%	27%	19%	0%	52
Learning on Your Own	43%	44%	13%	0%	54

			SYSTEM		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	29%	57%	13%	2%	6,011
Oral Communication	25%	56%	16%	2%	6,039
Reading and Comprehension	32%	55%	12%	1%	6,026
Group Collaboration	30%	50%	17%	4%	6,055
Critical Anlysis	43%	49%	7%	2%	6,142
Problem Resolution	25%	55%	18%	3%	5,966
Use of Mathematics	22%	47%	24%	7%	4,674
Conducting Research	32%	48%	17%	3%	5,806
Learning on Your Own	39%	49%	9%	2%	6,059

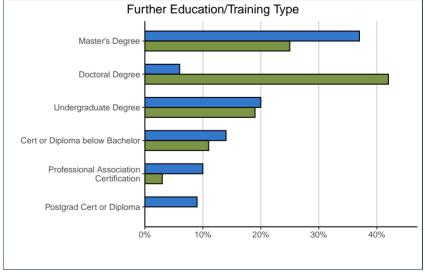


## FURTHER EDUCATION

Took further education since 2022 graduation:	40.0501		SYSTEM	
Yes	36	65%	2,708	44%
Not currently enrolled	7	13%	1,069	17%
Currently enrolled full-time	27	49%	1,219	20%
Currently enrolled part-time	2	4%	389	6%
No	19	35%	3,459	56%
Total	55	100%	6,167	100%



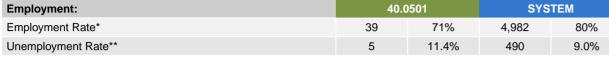
Type of Formal Post–Secondary Education:	40.	40.0501		TEM
Master's Degree	9	9 25%		37%
Doctoral Degree	15	42%	155	6%
Another Undergraduate Degree	7	19%	543	20%
Certificate or Diploma below Bachelor Level	4	11%	374	14%
Professional Association Certification	1	3%	274	10%
Postgraduate Certificate or Diploma	0	0%	238	9%
Other	0	0%	119	4%
Total	36	100%	2,682	100%



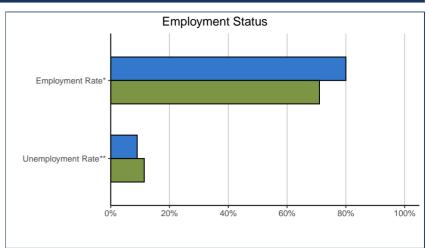


#### **EMPLOYMENT**

Labour Fource Status:	40.0501		SYSTEM	
In Labour Force (working or seeking work)	44 83%		5,472	90%
Not in Labour Force	9	17%	613	10%
Total	53	100%	6,085	100%
Employment:	40.0501		SYSTEM	



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

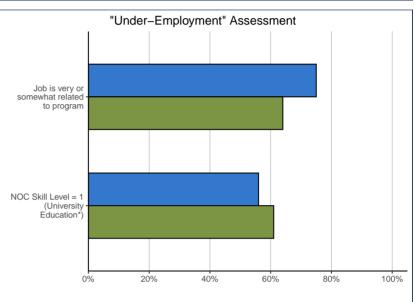


Status of Graduates NOT in Labour Force:	40.0	501	SYSTEM		
Attending School FT	9	100%	446	73%	
Attending School PT	0	0%	19	3%	
Other	0	0%	148	24%	
Total NOT in Labour Force	9	100%	613	100%	

Primary Employment Type:	40.0501		SYSTEM	
Paid Worker	37	95%	4,678	94%
Self-Employed	2	5%	296	6%
Total	39	100%	4,974	100%

Job Characteristics:	40.0	0501	SYSTEM		
I hold more than one job*	8	21%	941	19%	
My main job is full-time (>= 30 hours per week)**	26	70%	4,109	87%	

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



How related is your main job to your program?	40.0501		SYSTEM	
Very Related	18	46%	2,190	44%
Somewhat Related	7	18%	1,532	31%
Not Very Related	8	21%	579	12%
Not at All Related	6	15%	668	13%
Total	39	100%	4,969	100%

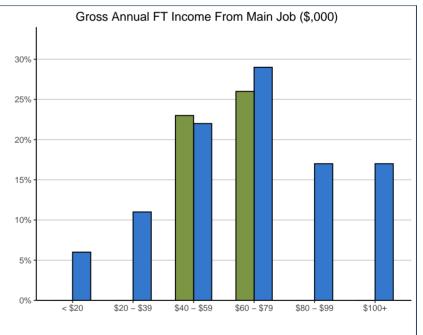
"Under-Employment" Assessment:	40.0501		SYSTEM	
Job is very or somewhat related to program	25	64%	3,722	75%
NOC Skill Level = 1 (University Education)*	22	61%	2,648	56%
*Of total valid responses; NOC 2021 (TEER)				

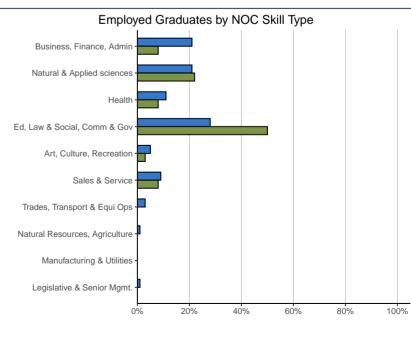
Gross Annual Income from Main Job:*	40.0	)501	SYSTEM		
Less than \$20,000	~	~	208	6	
\$20,000 to \$39,999	~	~	406	1	
\$40,000 to \$59,999	7	23%	818	2	
\$60,000 to \$79,999	8	26%	1,081	2	
\$80,000 to \$99,999	~	~	627	1	

\$40,000 to \$59,999	7	23%	818	22%
\$60,000 to \$79,999	8	26%	1,081	29%
\$80,000 to \$99,999	~	~	627	17%
\$100,000 and Above	0	0%	623	17%
Total	31	100%	3,763	100%
Median Annual Income (full-time) (\$)	65,100		71,127	
Average Annual Income (full-time) (\$)	62,979		78,771	

\*Where data provided

NOC Skill Type of Main Job (NOC 2021):	40.0501		SYSTEM	
Legislative and senior management	0	0%	59	1%
Business, finance & administration	3	8%	982	21%
Natural & applied sciences & related	8	22%	966	21%
Health	3	8%	527	11%
Education, law and social, community & government	18	50%	1,323	28%
Art, culture, recreation & sport	1	3%	239	5%
Sales & service	3	8%	435	9%
Trades, transport & equipment operators & related	0	0%	119	3%
Natural resources, agriculture & related production	0	0%	34	1%
Manufacturing & utilities	0	0%	19	0%
Total	36	100%	4,703	100%





6% 11%

<sup>\*\*</sup>Percent = Total unemployed divided by total number in labour force

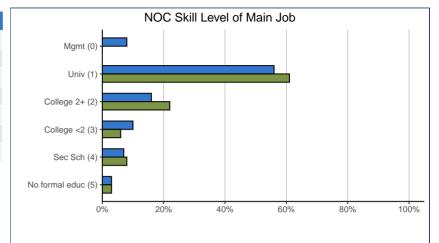
<sup>\*\*</sup>Of those who provided data on hours/week worked



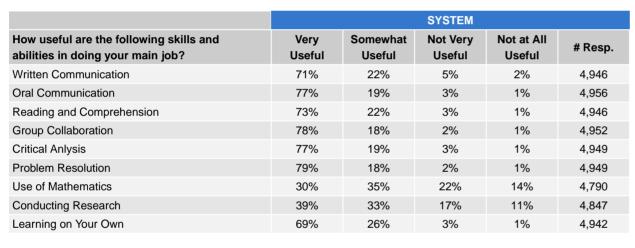


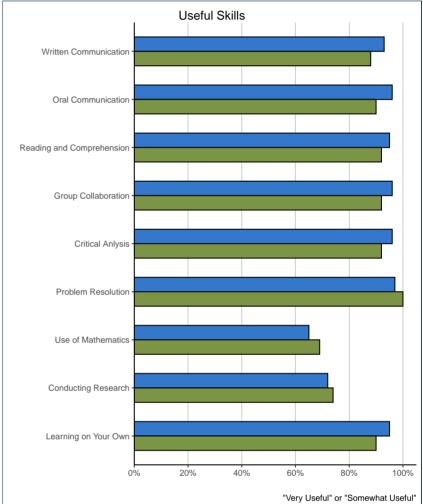
### EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	40.0501		SYSTEM	
0. Management	0	0%	382	8%
1. University education		61%	2,648	56%
2. College education/trade apprenticeship (2+ years)	8	22%	748	16%
3. College education/trade apprenticeship (<2 years)	2	6%	476	10%
4. Secondary school + job-specific training	3	8%	322	7%
5. No formal education	1	3%	127	3%
Total	36	100%	4,703	100%



	40.0501				
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%	21%	13%	0%	39
Oral Communication	67%	23%	8%	3%	39
Reading and Comprehension	59%	33%	3%	5%	39
Group Collaboration	69%	23%	8%	0%	39
Critical Anlysis	74%	18%	8%	0%	39
Problem Resolution	74%	26%	0%	0%	39
Use of Mathematics	28%	41%	13%	18%	39
Conducting Research	42%	32%	11%	16%	38
Learning on Your Own	58%	32%	8%	3%	38





Top 10 Full-Time Occupations of 40.0501 Graduates*:		40.0501	
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
41201	1	Post-secondary teaching and research assistants	13%
*			
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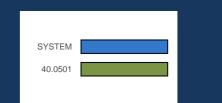
<sup>\*</sup> Data not displayed where n < 5; NOC 2021

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

Top 10 Full-Time Occupations of SYSTEM Graduates*:			SYSTEM
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
31301	1	Registered nurses and registered psychiatric nurses	5%
21231	1	Software engineers and designers	4%
XXXXX	Χ	Unclassified occupations	4%
41221	1	Elementary school and kindergarten teachers	3%
11202	1	Professional occupations in advertising, marketing and public relations	2%
11100	1	Financial auditors and accountants	2%
42201	2	Social and community service workers	2%
21232	1	Software developers and programmers	2%
13100	3	Administrative officers	2%
41220	1	Secondary school teachers	2%

<sup>\*</sup> Data not displayed where n < 5; NOC 2021

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



#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	40.	40.0501		TEM
Personal savings, investments		25%	1,927	32%
Employment while studying		53%	3,012	50%
Family/Friends	39	71%	3,627	60%
Personal bank loans	0	0%	337	6%
Government student loans	14	25%	2,007	33%
Scholarships/Bursaries/Grants	21	38%	1,988	33%
Other	16	29%	1,362	22%
Total	55		6,073	



Financial Debt Incurred to Finance Bac. Ed.:*	40.0501		SYSTEM	
Incurred any form of financial debt	20	36%	2,595	43%
Incurred government-sponsored student loan debt	16	29%	2,232	36%

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



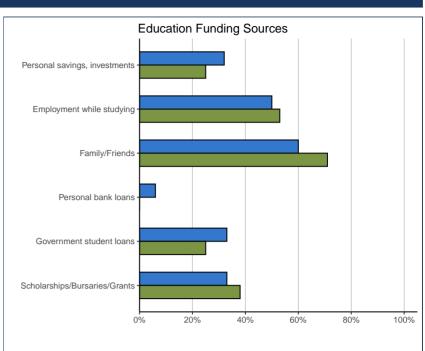
<sup>\*</sup> Includes only cases where financial debt was incurred

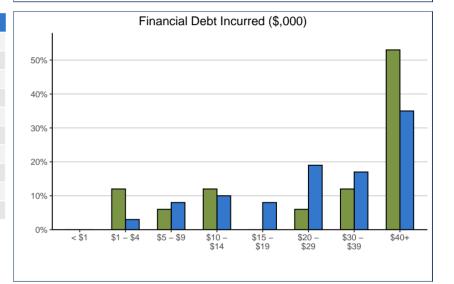


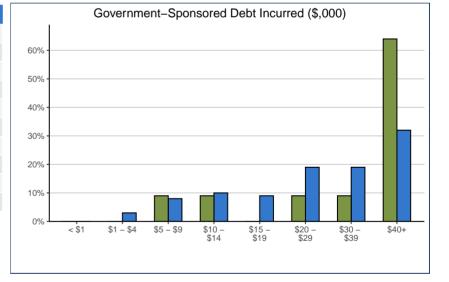
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

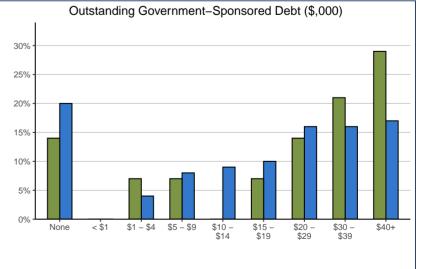


<sup>\*</sup> Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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