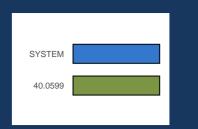


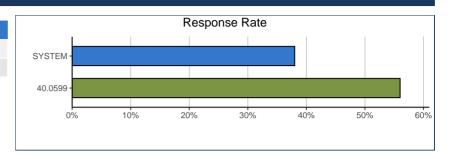
### B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

Detailed Summary of Survey Results
All Institutions
40.0599: Chemistry, other



### RESPONSE RATE

Survey Response Rate:	40.0599		SYSTEM	
Baccalaureate Graduates Survey Cohort	18	100%	24,752	100%
Survey Respondents and Response Rate	10	56%	9,423	38%

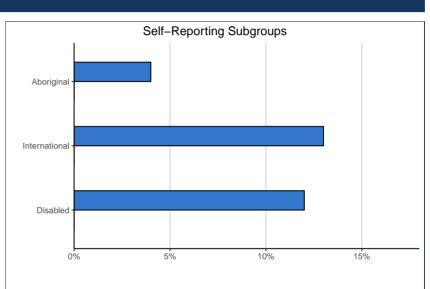


#### DEMOGRAPHIC INFORMATION

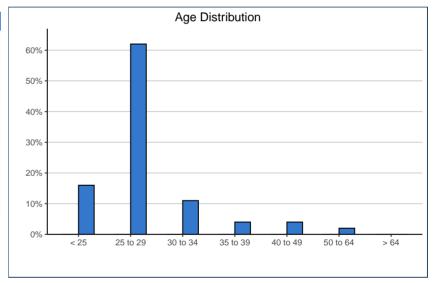
Self-Reporting Subgroups:	40.0599		SYSTEM	
Disabled	~	~	1,082	12%
International	0	0%	1,205	13%
Aboriginal	0	0%	357	4%

Gender:*	40.0599		SYSTEM	
Male	~	~	3,744	40%
Female	~	~	5,675	60%
Total	10	100%	9,419	100%

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

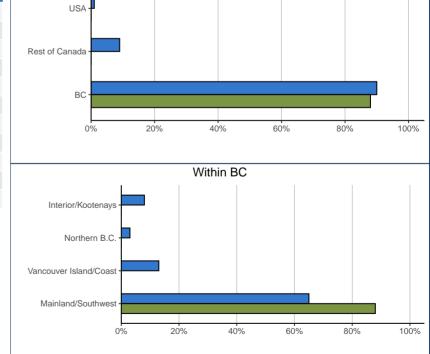


Age (at time of survey):	40.0599		SYSTEM	
< 25	~	~	1,496	16%
25 to 29	~	~	5,860	62%
30 to 34	0	0%	1,035	11%
35 to 39	0	0%	421	4%
40 to 49	~	~	397	4%
50 to 64	0	0%	186	2%
> 64	0	0%	22	0%
Total	10	100%	9,417	100%
Median Age	25		26	
Average (mean) Age	27		28	



Place of Residence

Place of Residence (at time of survey):	40.0599		SYSTEM	
BC - Mainland/Southwest	7	88%	5,472	65%
BC - Vancouver Island/Coast	0	0%	1,112	13%
BC – Northern B.C.	0	0%	270	3%
BC – Interior/Kootenays	0	0%	672	8%
BC Subtotal	7	88%	7,526	90%
Canada – Alberta	0	0%	343	4%
Canada - Ontario	0	0%	280	3%
Canada – Other	~	~	176	2%
U.S.A.	0	0%	80	1%
Non-BC Subtotal	~	~	879	10%
Total	~	~	8,405	100%



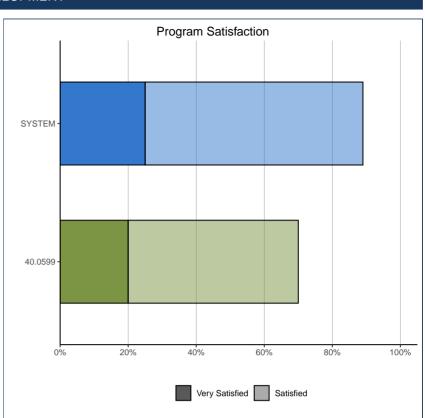


#### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	40.0599		SYS	TEM
Very Satisfied	2	20%	2,332	25%
Satisfied	5	50%	5,914	64%
Dissatisfied	2	20%	831	9%
Very Dissatisfied	1	10%	188	2%
Total	10	100%	9,265	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	40.0599		SYSTEM	
Very Useful	1	14%	3,011	38%
Somewhat Useful	4	57%	3,664	47%
Not Very Useful	1	14%	886	11%
Not at All Useful	1	14%	283	4%
Total	7	100%	7,844	100%
Iotai	,	10076	7,044	10076

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	40.	40.0599		SYSTEM	
Yes	0	0%	902	10%	
No	10	100%	8,298	90%	



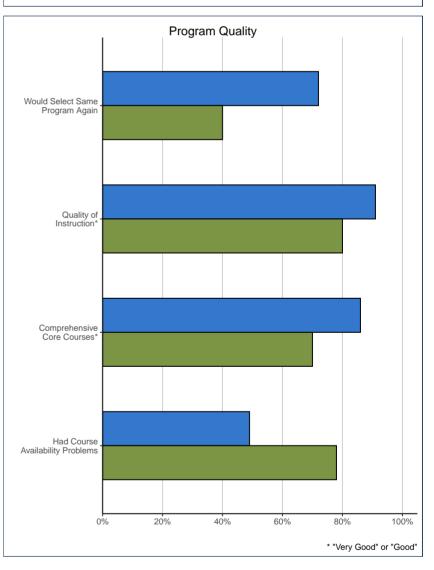
Would select the same program again:	40.0599		SYSTEM	
Yes	2	40%	5,963	72%
No	3	60%	2,334	28%

Quality of Instruction:	40.0	)599	SYSTEM	
Very Good	1	10%	2,498	27%
Good	7	70%	6,007	64%
Poor	2	20%	685	7%
Very Poor	0	0%	131	1%
Total	10	100%	9.321	100%

Comprehensiveness of Core Courses:	40.0	)599	SYSTEM	
Very Good	1	10%	2,303	25%
Good	6	60%	5,649	61%
Poor	3	30%	1,073	12%
Very Poor	0	0%	172	2%
Total	10	100%	9,197	100%

Course Availability:	40.0599		SYSTEM	
Encountered course availability problems	7	78%	4,485	49%

Financial Constraints:	40.0599		SYS	TEM
Had to interrupt studies for financial reasons	2	20%	987	11%
Had to take program part-time for financial reasons	2	20%	1,629	18%

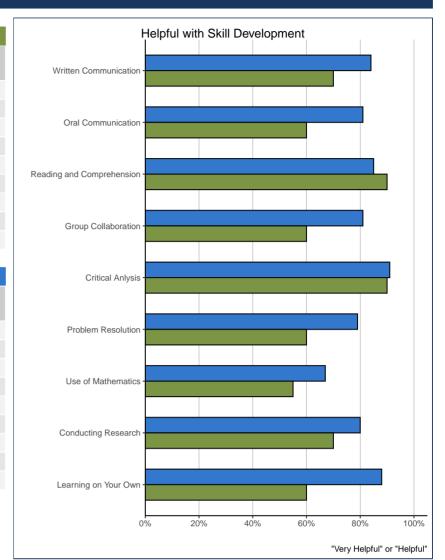




#### SKILL DEVELOPMENT

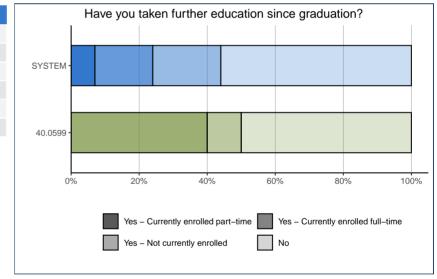
			40.0599		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	10%	60%	30%	0%	10
Oral Communication	10%	50%	40%	0%	10
Reading and Comprehension	30%	60%	10%	0%	10
Group Collaboration	10%	50%	40%	0%	10
Critical Anlysis	30%	60%	0%	10%	10
Problem Resolution	10%	50%	30%	10%	10
Use of Mathematics	33%	22%	22%	22%	9
Conducting Research	40%	30%	30%	0%	10
Learning on Your Own	50%	10%	40%	0%	10

			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

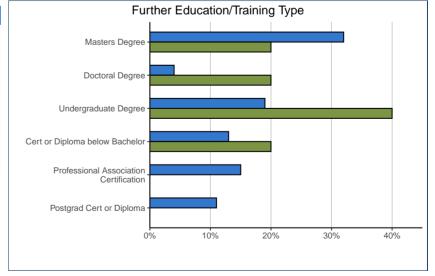


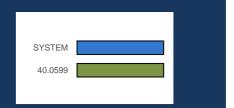
#### **FURTHER EDUCATION**

Took further education since 2020 graduation:	40.0599		SYSTEM	
Yes	5	50%	4,119	44%
Not currently enrolled	1	10%	1,831	20%
Currently enrolled full-time	4	40%	1,602	17%
Currently enrolled part-time	0	0%	637	7%
No	5	50%	5,244	56%
Total	10	100%	9,363	100%



Type of Formal Post–Secondary Education:	40	40.0599		SYSTEM	
Masters Degree	1	1 20%		32%	
Doctoral Degree	1	20%	167	4%	
Another Undergraduate Degree	2	40%	789	19%	
Certificate or Diploma below Bachelor level	1	20%	527	13%	
Professional Association Certification	0	0%	603	15%	
Postgraduate Certificate or Diploma	0	0%	431	11%	
Other	0	0%	236	6%	
Total	5	100%	4,060	100%	



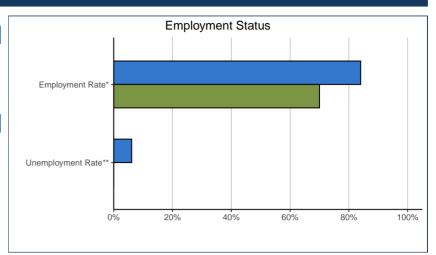


#### **EMPLOYMENT**

Labour Fource Status:	40.0599		SYSTEM	
In Labour Force (working or seeking work)	7	78%	8,412	91%
Not in Labour Force	2	22%	857	9%
Total	9	100%	9,269	100%

Employment:	40.0599		40.0599		SYS	TEM
Employment Rate*	7	70%	7,900	84%		
Unemployment Rate**	0	0.0%	512	6.1%		

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

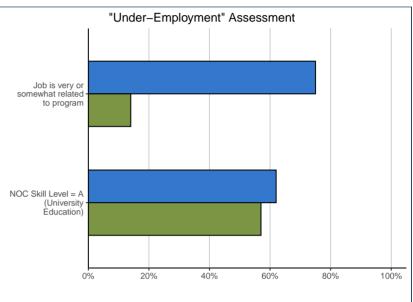


Status of Graduates NOT in Labour Force:	40.0599		SYSTEM	
Attending School FT	1	50%	597	70%
Attending School PT	0	0%	23	3%
Other	1	50%	237	28%
Total NOT in Labour Force	2	100%	857	100%

Primary Employment Type:	40.0599		SYS	TEM
Paid worker	5	71%	7,394	94%
Self-employed	2	29%	493	6%
Total	7	100%	7,887	100%

Job Characteristics:	40.0599		SYS	TEM
I hold more than one job*	1	14%	1,463	19%
My main job is full-time (>= 30 hours per week)**	5	71%	6,655	89%

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



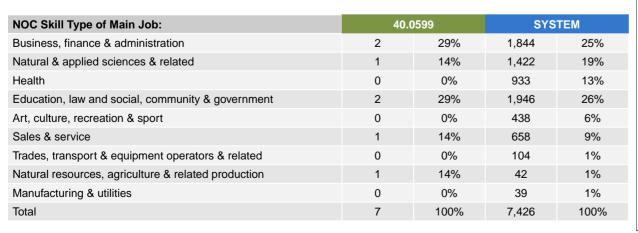
How related is your main job to your program?	40.0599		SYSTEM	
Very Related	0	0%	3,386	43%
Somewhat Related	1	14%	2,530	32%
Not Very Related	3	43%	1,013	13%
Not at All Related	3	43%	954	12%
Total	7	100%	7,883	100%

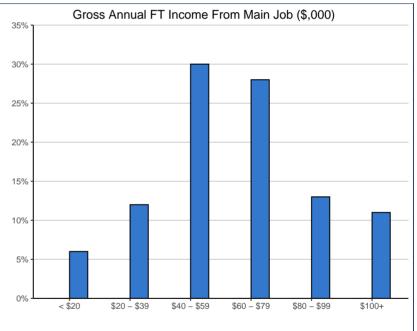
"Under-employment" Assessment:	40.0599		SYSTEM	
Job is very or somewhat related to program	1	14%	5,916	75%
NOC Skill Level = A (University Education)*	4	57%	4,631	62%

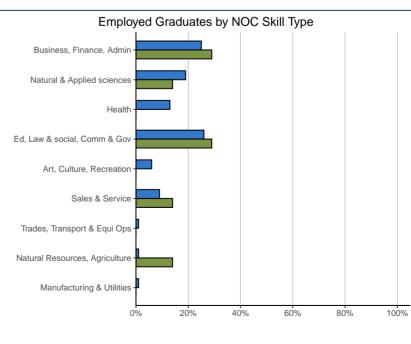
<sup>\*</sup>Of total valid responses

Gross Annual Income from Main Job:*	40.	40.0599		SYSTEM	
Less than \$20,000		0%	328	6%	
\$20,000 to \$39,999		~	725	12%	
\$40,000 to \$59,999		~	1,773	30%	
\$60,000 to \$79,999	0	0%	1,673	28%	
\$80,000 to \$99,999	0	0%	799	13%	
\$100,000 and Above	~	~	659	11%	
Total	5	100%	5,957	100%	
Median Annual Income (full-time) (\$)	55,500		63,000		
Average Annual Income (full-time) (\$)	67,500		70,455		
AAN					

<sup>\*</sup>Where data provided



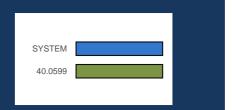




<sup>\*\*</sup>Percent = Total unemployed divided by total number in Labour Force

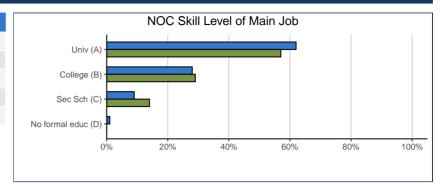
<sup>\*\*</sup>Of those who provided data on hours/week worked





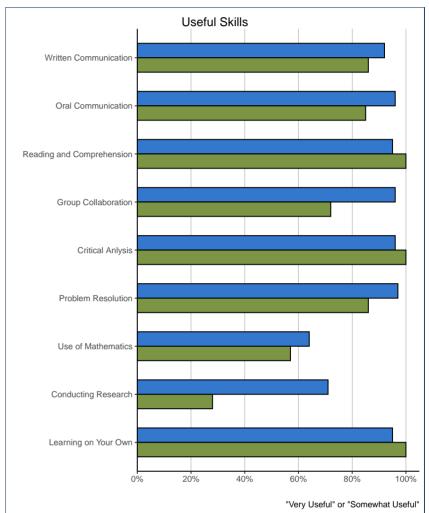
### EMPLOYMENT, continued

NOC Skill Level of Main Job:	40.0599		SYSTEM	
A. University education	4 57%		4,631	62%
B. College education/trade apprenticeship	2	29%	2,082	28%
C. Secondary school + job-specific training	1	14%	647	9%
D. No formal education	0	0%	86	1%
Total	7	100%	7,446	100%



	40.0599				
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	57%	29%	0%	14%	7
Oral Communication	71%	14%	0%	14%	7
Reading and Comprehension	71%	29%	0%	0%	7
Group Collaboration	43%	29%	29%	0%	7
Critical Anlysis	43%	57%	0%	0%	7
Problem Resolution	57%	29%	0%	14%	7
Use of Mathematics	14%	43%	29%	14%	7
Conducting Research	14%	14%	43%	29%	7
Learning on Your Own	71%	29%	0%	0%	7

	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	e Occupations of 40.0599 G	raduates:	40.0599
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
*			
*			
*			
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*			

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

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

Top 10 Full-tir	Top 10 Full-time Occupations of SYSTEM Graduates:		
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%

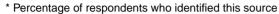
<sup>\*</sup> Data not displayed where n < 5

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



#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	40.0599		SYS	TEM
Personal savings, investments	3	3 30%		31%
Employment while studying		60%	4,716	51%
Family/Friends	8	80%	5,423	59%
Personal bank loans	0	0%	600	7%
Government student loans	4	40%	3,008	33%
Scholarships/Bursaries/Grants	1	10%	2,803	31%
Other	4	40%	1,997	22%
Total	10		9,180	



Financial Debt Incurred to Finance Bac. Ed.:*	40.0599		SYSTEM	
Incurred any form of financial debt	5	50%	4,031	44%
Incurred government-sponsored student loan debt	5	50%	3,331	36%

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



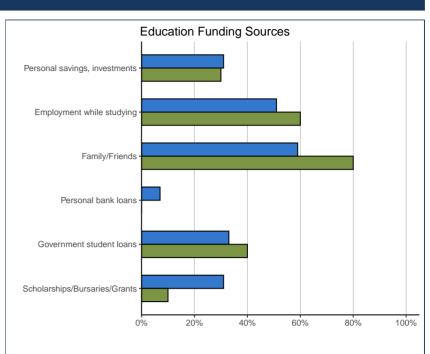
<sup>\*</sup> Includes only cases where financial debt was incurred

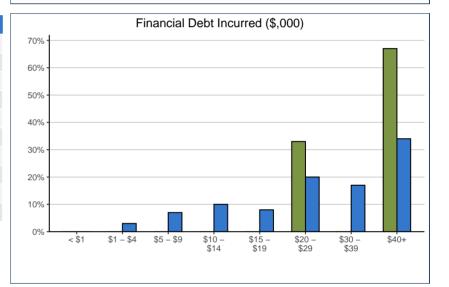


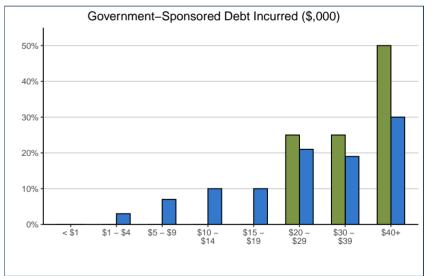
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

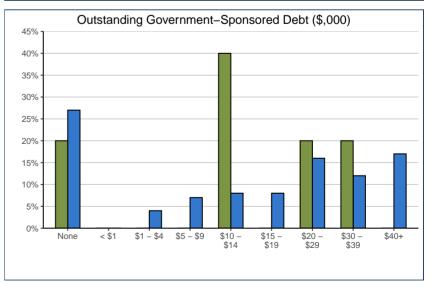


 $<sup>^{\</sup>star}$  Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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