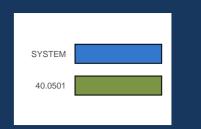


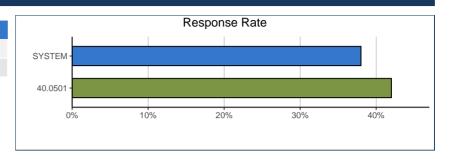
B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

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



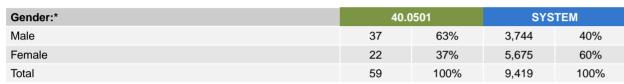
RESPONSE RATE

Survey Response Rate:	40.0501		SYSTEM	
Baccalaureate Graduates Survey Cohort	142	100%	24,752	100%
Survey Respondents and Response Rate	59	42%	9,423	38%

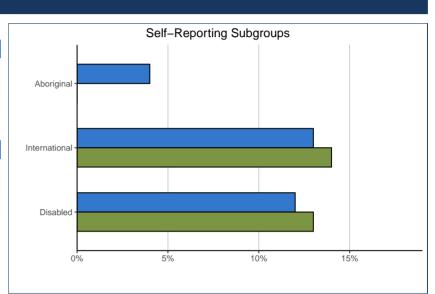


DEMOGRAPHIC INFORMATION

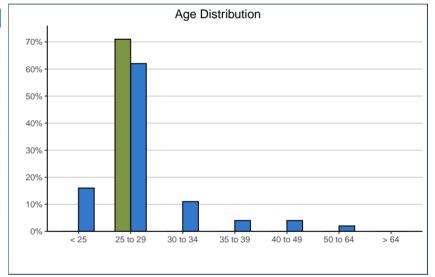
Self-Reporting Subgroups:	40.0501		SYS	TEM
Disabled	7	13%	1,082	12%
International	8	14%	1,205	13%
Aboriginal	~	~	357	4%



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



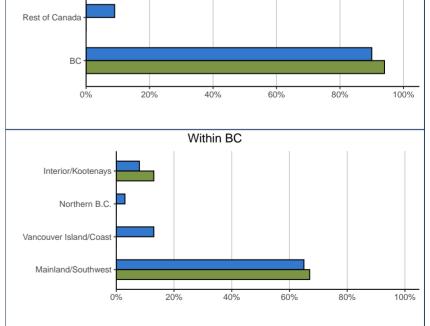
Age (at time of survey):	40.0501		SYSTEM	
< 25	~	~	1,496	16%
25 to 29	41	71%	5,860	62%
30 to 34	~	~	1,035	11%
35 to 39	0	0%	421	4%
40 to 49	~	~	397	4%
50 to 64	0	0%	186	2%
> 64	0	0%	22	0%
Total	58	100%	9,417	100%
Median Age	26		26	
Average (mean) Age	26		28	



Place of Residence

USA

Place of Residence (at time of survey):	40.0501		SYSTEM	
BC - Mainland/Southwest	35	67%	5,472	65%
BC - Vancouver Island/Coast	~	~	1,112	13%
BC – Northern B.C.	~	~	270	3%
BC – Interior/Kootenays	7	13%	672	8%
BC Subtotal	49	94%	7,526	90%
Canada – Alberta	~	~	343	4%
Canada - Ontario	~	~	280	3%
Canada - Other	~	~	176	2%
U.S.A.	0	0%	80	1%
Non-BC Subtotal	~	~	879	10%
Total	52	100%	8,405	100%





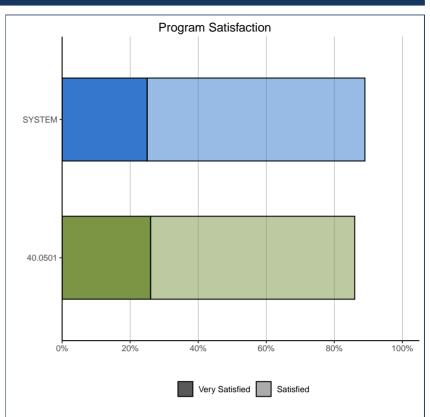


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	40.0501		SYSTEM	
Very Satisfied	15	26%	2,332	25%
Satisfied	34	60%	5,914	64%
Dissatisfied	7	12%	831	9%
Very Dissatisfied	1	2%	188	2%
Total	57	100%	9,265	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	40.0501		SYSTEM	
Very Useful	8	22%	3,011	38%
Somewhat Useful	22	61%	3,664	47%
Not Very Useful	5	14%	886	11%
Not at All Useful	1	3%	283	4%
Total	36	100%	7,844	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	40.0	40.0501		SYSTEM	
Yes	3	5%	902	10%	
No	55	95%	8,298	90%	



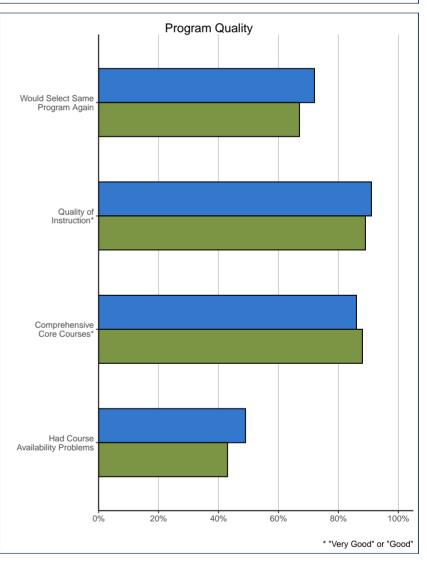
Would select the same program again:	40.0501		SYSTEM	
Yes	37	67%	5,963	72%
No	18	33%	2,334	28%

Quality of Instruction:	40.0	0501	SYS	TEM
Very Good	16	28%	2,498	27%
Good	35	61%	6,007	64%
Poor	6	11%	685	7%
Very Poor	0	0%	131	1%
Total	57	100%	9.321	100%

Comprehensiveness of Core Courses:	40.0)501	SYS	TEM
Very Good	22	38%	2,303	25%
Good	29	50%	5,649	61%
Poor	5	9%	1,073	12%
Very Poor	2	3%	172	2%
Total	58	100%	9,197	100%

Course Availability:	40.0)501	SYS	TEM
Encountered course availability problems	25	43%	4,485	49%

Financial Constraints:	40.0501		SYSTEM	
Had to interrupt studies for financial reasons	4	7%	987	11%
Had to take program part-time for financial reasons	11	19%	1,629	18%

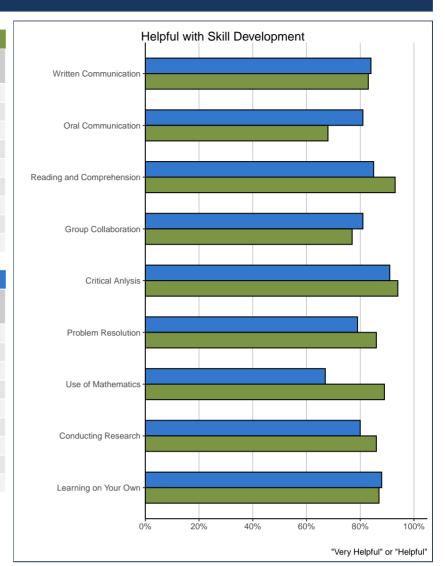




SKILL DEVELOPMENT

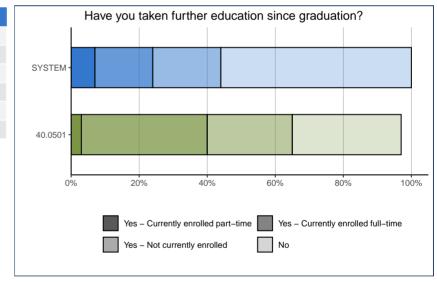
			40.0501		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	25%	58%	15%	2%	59
Oral Communication	15%	53%	29%	3%	59
Reading and Comprehension	29%	64%	5%	2%	59
Group Collaboration	19%	58%	22%	2%	59
Critical Anlysis	58%	36%	5%	2%	59
Problem Resolution	35%	51%	11%	4%	57
Use of Mathematics	47%	42%	8%	2%	59
Conducting Research	40%	46%	12%	2%	57
Learning on Your Own	34%	53%	8%	5%	59

			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

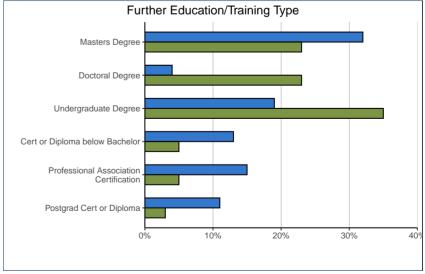


FURTHER EDUCATION

Took further education since 2020 graduation:	40.0501		SYSTEM	
Yes	40	68%	4,119	44%
Not currently enrolled	15	25%	1,831	20%
Currently enrolled full-time	22	37%	1,602	17%
Currently enrolled part-time	2	3%	637	7%
No	19	32%	5,244	56%
Total	59	100%	9,363	100%



Type of Formal Post–Secondary Education:	40.	40.0501		SYSTEM	
Masters Degree	9	23%	1,307	32%	
Doctoral Degree	9	23%	167	4%	
Another Undergraduate Degree	14	35%	789	19%	
Certificate or Diploma below Bachelor level	2	5%	527	13%	
Professional Association Certification	2	5%	603	15%	
Postgraduate Certificate or Diploma	1	3%	431	11%	
Other	3	8%	236	6%	
Total	40	100%	4,060	100%	



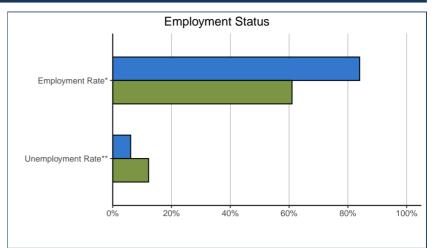


EMPLOYMENT

Labour Fource Status:	40.0501		SYSTEM	
In Labour Force (working or seeking work)	41	72%	8,412	91%
Not in Labour Force	16	28%	857	9%
Total	57	100%	9,269	100%

Employment:	40.0501		SYSTEM	
Employment Rate*	36	61%	7,900	84%
Unemployment Rate**	5	12.2%	512	6.1%

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

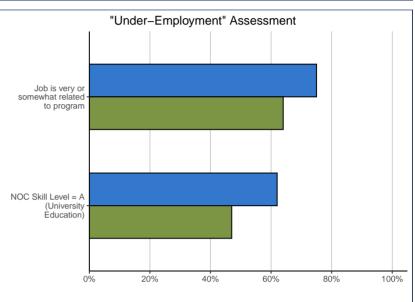


Status of Graduates NOT in Labour Force:	40.0501		SYSTEM	
Attending School FT	15	94%	597	70%
Attending School PT	0	0%	23	3%
Other	1	6%	237	28%
Total NOT in Labour Force	16	100%	857	100%

Primary Employment Type:	40.0501		SYSTEM	
Paid worker	34	94%	7,394	94%
Self-employed	2	6%	493	6%
Total	36	100%	7,887	100%

Job Characteristics:	40.0501		SYSTEM	
I hold more than one job*	10	28%	1,463	19%
My main job is full-time (>= 30 hours per week)**	32	91%	6,655	89%

^{*}Of total Employed



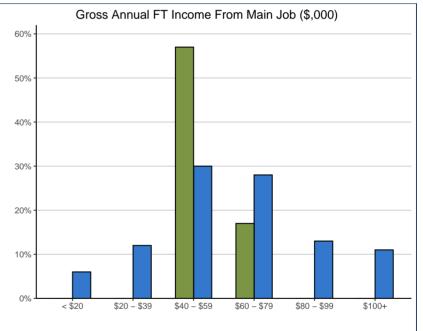
How related is your main job to your program?	40.0501		SYSTEM	
Very Related	12	33%	3,386	43%
Somewhat Related	11	31%	2,530	32%
Not Very Related	7	19%	1,013	13%
Not at All Related	6	17%	954	12%
Total	36	100%	7,883	100%

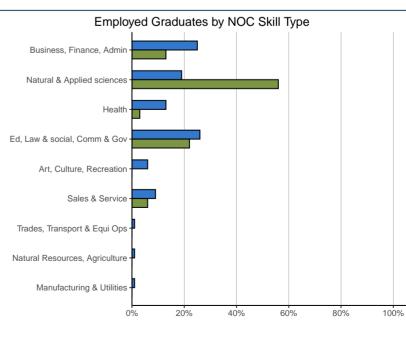
"Under-employment" Assessment:	40.0501		SYSTEM	
Job is very or somewhat related to program	23	64%	5,916	75%
NOC Skill Level = A (University Education)*	15	47%	4,631	62%

^{*}Of total valid responses

Gross Annual Income from Main Job:*	40.0501		SYSTEM	
Less than \$20,000	~	~	328	6%
\$20,000 to \$39,999	~	~	725	12%
\$40,000 to \$59,999	17	57%	1,773	30%
\$60,000 to \$79,999	5	17%	1,673	28%
\$80,000 to \$99,999	~	~	799	13%
\$100,000 and Above	~	~	659	11%
Total	30	100%	5,957	100%
Median Annual Income (full-time) (\$)	48,150		63,000	
Average Annual Income (full-time) (\$)	53,688		70,455	
*Where data provided				

NOC Skill Type of Main Job:	40.	40.0501		TEM
Business, finance & administration		13%	1,844	25%
Natural & applied sciences & related	18	56%	1,422	19%
Health		3%	933	13%
Education, law and social, community & government	7	22%	1,946	26%
Art, culture, recreation & sport	0	0%	438	6%
Sales & service	2	6%	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	32	100%	7,426	100%

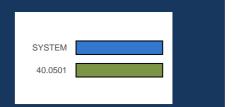




^{**}Percent = Total unemployed divided by total number in Labour Force

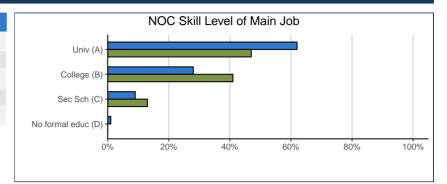
^{**}Of those who provided data on hours/week worked





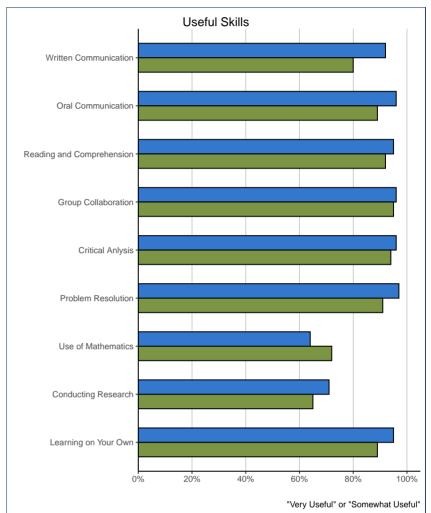
EMPLOYMENT, continued

NOC Skill Level of Main Job:	40.0501		SYSTEM	
A. University education	15	47%	4,631	62%
B. College education/trade apprenticeship	13	41%	2,082	28%
C. Secondary school + job-specific training	4	13%	647	9%
D. No formal education	0	0%	86	1%
Total	32	100%	7,446	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	44%	36%	17%	3%	36
Oral Communication	64%	25%	8%	3%	36
Reading and Comprehension	56%	36%	8%	0%	36
Group Collaboration	67%	28%	6%	0%	36
Critical Anlysis	69%	25%	6%	0%	36
Problem Resolution	83%	8%	8%	0%	36
Use of Mathematics	22%	50%	19%	8%	36
Conducting Research	31%	34%	11%	23%	35
Learning on Your Own	53%	36%	6%	6%	36

		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 40.0501 Graduates:		40.0501	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2211	В	Chemical technologists and technicians	22%
*			
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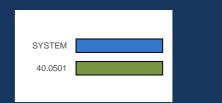
^{*} Data not displayed where n < 5

^{**} 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%
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	Α	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	A	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):*	40.0	40.0501		TEM
Personal savings, investments		23%	2,849	31%
Employment while studying		42%	4,716	51%
Family/Friends	41	72%	5,423	59%
Personal bank loans	1	2%	600	7%
Government student loans	17	30%	3,008	33%
Scholarships/Bursaries/Grants	19	33%	2,803	31%
Other	19	33%	1,997	22%
Total	57		9,180	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	40.0501		SYSTEM	
Incurred any form of financial debt	19	32%	4,031	44%
Incurred government-sponsored student loan debt	19	32%	3,331	36%

^{*} Percentage of respondents who provided data



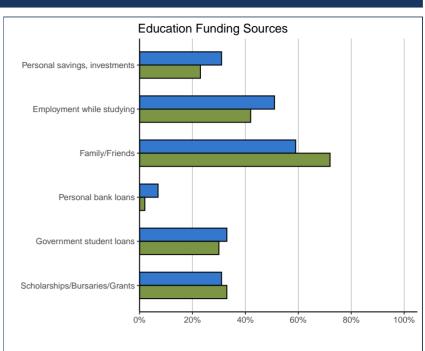
^{*} Includes only cases where financial debt was incurred

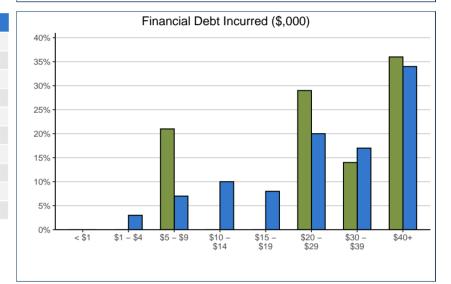


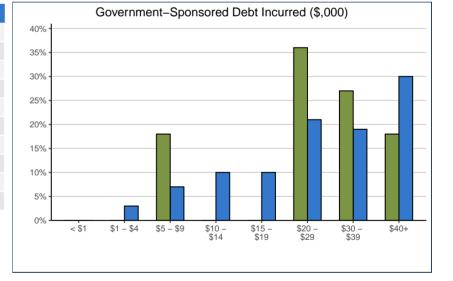
^{*} Includes only cases where government-sponsored debt was incurred

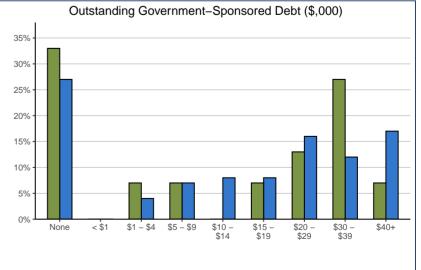


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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