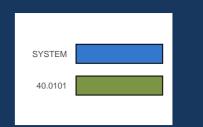


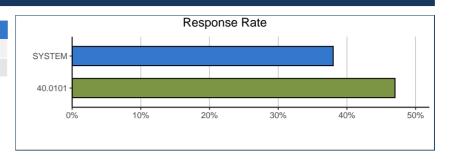
### B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

Detailed Summary of Survey Results
All Institutions
40.0101: Physical sciences, general



#### RESPONSE RATE

Survey Response Rate:	40.0	)101	SYSTEM	
Baccalaureate Graduates Survey Cohort	95	100%	24,752	100%
Survey Respondents and Response Rate	45	47%	9,423	38%

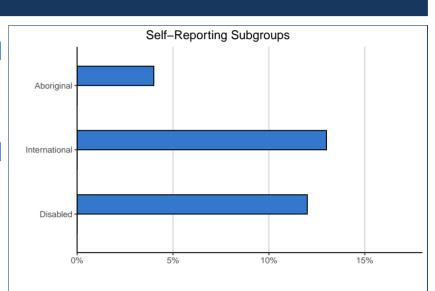


#### DEMOGRAPHIC INFORMATION

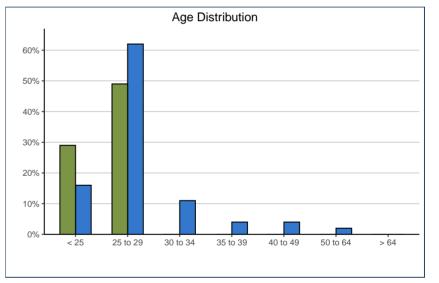
Self-Reporting Subgroups:	40.0101		SYSTEM	
Disabled	~	~	1,082	12%
International	~	~	1,205	13%
Aboriginal	~	~	357	4%

Gender:*	40.0101		40.0101 SYSTEM		TEM
Male	18	40%	3,744	40%	
Female	27	60%	5,675	60%	
Total	45	100%	9,419	100%	

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

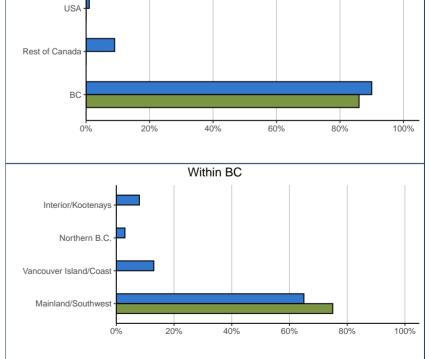


Age (at time of survey):	40.0101		SYSTEM	
< 25	13	29%	1,496	16%
25 to 29	22	49%	5,860	62%
30 to 34	~	~	1,035	11%
35 to 39	~	~	421	4%
40 to 49	0	0%	397	4%
50 to 64	0	0%	186	2%
> 64	0	0%	22	0%
Total	45	100%	9,417	100%
Median Age	26		26	
Average (mean) Age	27		28	



Place of Residence

Place of Residence (at time of survey):	40.0101		SYSTEM	
BC - Mainland/Southwest	33	75%	5,472	65%
BC - Vancouver Island/Coast	~	~	1,112	13%
BC – Northern B.C.	0	0%	270	3%
BC – Interior/Kootenays	~	~	672	8%
BC Subtotal	38	86%	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	6	14%	879	10%
Total	44	100%	8,405	100%





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

Program Satisfaction:	40.0101		SYSTEM	
Very Satisfied	12	28%	2,332	25%
Satisfied	28	65%	5,914	64%
Dissatisfied	2	5%	831	9%
Very Dissatisfied	1	2%	188	2%
Total	43	100%	9,265	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	40.0101		SYS	TEM
Very Useful	6	18%	3,011	38%
Somewhat Useful	21	64%	3,664	47%
Not Very Useful	2	6%	886	11%
Not at All Useful	4	12%	283	4%
Total	33	100%	7,844	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	40.	40.0101		SYSTEM		
Yes	7	16%	902	10%		
No	38	84%	8,298	90%		



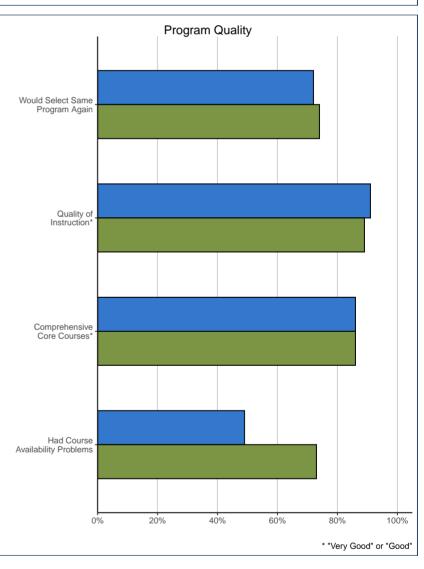
Would select the same program again:	40.0	0101	SYS	TEM
Yes	32	74%	5,963	72%
No	11	26%	2,334	28%

Quality of Instruction:	40.	40.0101		SYSTEM	
Very Good	16	36%	2,498	27%	
Good	24	53%	6,007	64%	
Poor	5	11%	685	7%	
Very Poor	0	0%	131	1%	
Total	45	100%	9.321	100%	

Comprehensiveness of Core Courses:	40.0	0101	SYSTEM	
Very Good	8	18%	2,303	25%
Good	30	68%	5,649	61%
Poor	5	11%	1,073	12%
Very Poor	1	2%	172	2%
Total	44	100%	9,197	100%

Course Availability:	40.0101		SYSTEM	
Encountered course availability problems	33	73%	4,485	49%

Financial Constraints:	40.0101		SYS	TEM
Had to interrupt studies for financial reasons	6	13%	987	11%
Had to take program part-time for financial reasons	13	29%	1,629	18%

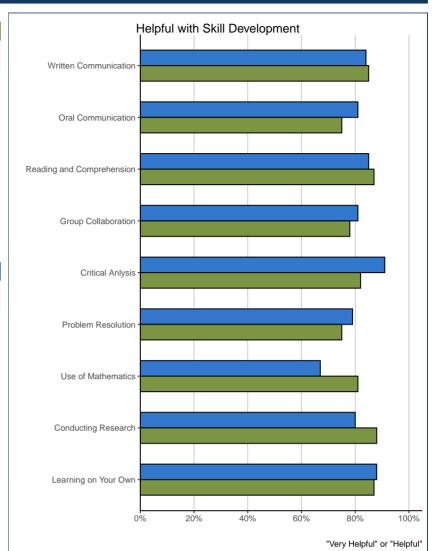




#### SKILL DEVELOPMENT

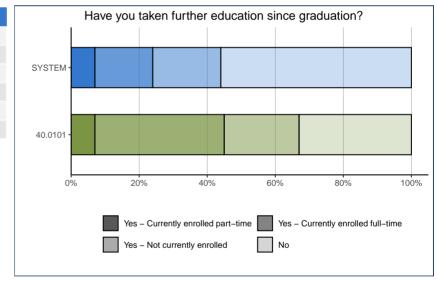
			40.0101		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	16%	69%	16%	0%	45
Oral Communication	16%	59%	23%	2%	44
Reading and Comprehension	18%	69%	11%	2%	45
Group Collaboration	22%	56%	22%	0%	45
Critical Anlysis	31%	51%	18%	0%	45
Problem Resolution	25%	50%	25%	0%	44
Use of Mathematics	21%	60%	16%	2%	43
Conducting Research	30%	58%	8%	5%	40
Learning on Your Own	31%	56%	9%	4%	45

			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

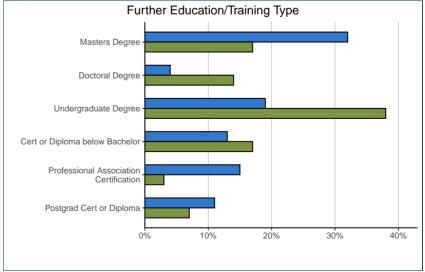


#### **FURTHER EDUCATION**

Took further education since 2020 graduation:	40.0101		SYSTEM	
Yes	30	67%	4,119	44%
Not currently enrolled	10	22%	1,831	20%
Currently enrolled full-time	17	38%	1,602	17%
Currently enrolled part-time	3	7%	637	7%
No	15	33%	5,244	56%
Total	45	100%	9,363	100%



Type of Formal Post–Secondary Education:	40.	40.0101		TEM
Masters Degree	5	17%	1,307	32%
Doctoral Degree	4	14%	167	4%
Another Undergraduate Degree	11	38%	789	19%
Certificate or Diploma below Bachelor level	5	17%	527	13%
Professional Association Certification	1	3%	603	15%
Postgraduate Certificate or Diploma	2	7%	431	11%
Other	1	3%	236	6%
Total	29	100%	4,060	100%



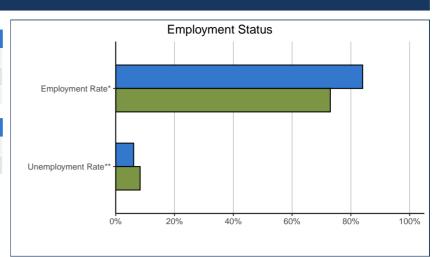


#### **EMPLOYMENT**

Labour Fource Status:	40.0101		SYSTEM	
In Labour Force (working or seeking work)	36	80%	8,412	91%
Not in Labour Force	9	20%	857	9%
Total	45	100%	9,269	100%



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

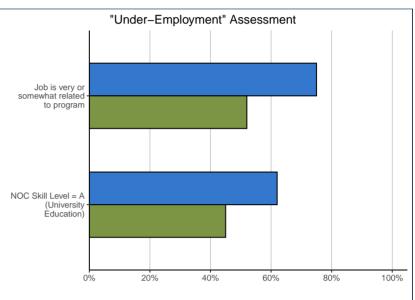


Status of Graduates NOT in Labour Force:	40.0101		SYS	TEM
Attending School FT	8	89%	597	70%
Attending School PT	0	0%	23	3%
Other	1	11%	237	28%
Total NOT in Labour Force	9	100%	857	100%

Primary Employment Type:	40.0101		SYS	TEM
Paid worker	29	88%	7,394	94%
Self-employed	4	12%	493	6%
Total	33	100%	7,887	100%

Job Characteristics:	40.0101		SYS	TEM
I hold more than one job*	2	6%	1,463	19%
My main job is full-time (>= 30 hours per week)**	29	88%	6,655	89%

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



How related is your main job to your program?	40.0101		SYSTEM	
Very Related	4	12%	3,386	43%
Somewhat Related	13	39%	2,530	32%
Not Very Related	10	30%	1,013	13%
Not at All Related	6	18%	954	12%
Total	33	100%	7,883	100%

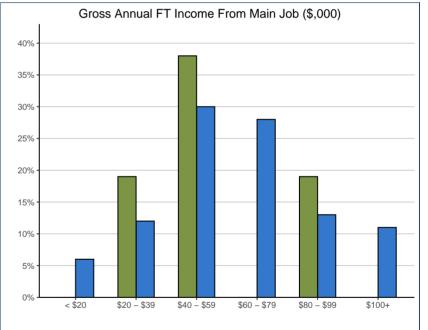
"Under-employment" Assessment:	40.0101		SYSTEM	
Job is very or somewhat related to program	17	52%	5,916	75%
NOC Skill Level = A (University Education)*	14	45%	4,631	62%

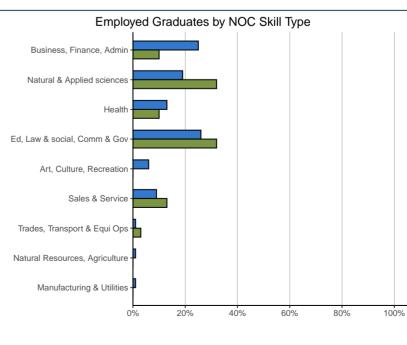
<sup>\*</sup>Of total valid responses

Gross Annual Income from Main Job:*	40.0101		SYS	TEM
Less than \$20,000	~	~	328	6%
\$20,000 to \$39,999	5	19%	725	12%
\$40,000 to \$59,999	10	38%	1,773	30%
\$60,000 to \$79,999	~	~	1,673	28%
\$80,000 to \$99,999	5	19%	799	13%
\$100,000 and Above	~	~	659	11%
Total	26	100%	5,957	100%
Median Annual Income (full-time) (\$)	56,000		63,000	
Average Annual Income (full-time) (\$)	62,937		70,455	
*Where data provided				

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

NOC Skill Type of Main Job:	40.0101		SYSTEM	
Business, finance & administration	3	10%	1,844	25%
Natural & applied sciences & related	10	32%	1,422	19%
Health		10%	933	13%
Education, law and social, community & government	10	32%	1,946	26%
Art, culture, recreation & sport	0	0%	438	6%
Sales & service	4	13%	658	9%
Trades, transport & equipment operators & related	1	3%	104	1%
Natural resources, agriculture & related production	0	0%	42	1%
Manufacturing & utilities	0	0%	39	1%
Total	31	100%	7,426	100%





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

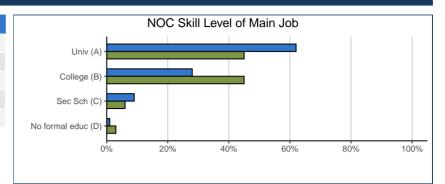
<sup>\*\*</sup>Of those who provided data on hours/week worked





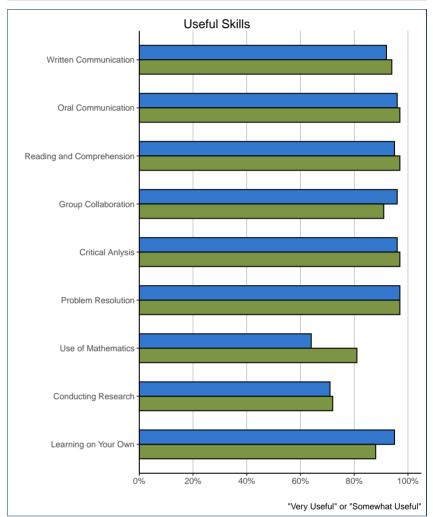
### EMPLOYMENT, continued

NOC Skill Level of Main Job:	40.0101		SYSTEM	
A. University education	14	45%	4,631	62%
B. College education/trade apprenticeship	14	45%	2,082	28%
C. Secondary school + job-specific training	2	6%	647	9%
D. No formal education	1	3%	86	1%
Total	31	100%	7,446	100%



	40.0101				
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	67%	27%	0%	6%	33
Oral Communication	73%	24%	3%	0%	33
Reading and Comprehension	76%	21%	3%	0%	33
Group Collaboration	61%	30%	9%	0%	33
Critical Anlysis	79%	18%	3%	0%	33
Problem Resolution	85%	12%	3%	0%	33
Use of Mathematics	45%	36%	3%	15%	33
Conducting Research	42%	30%	12%	15%	33
Learning on Your Own	61%	27%	9%	3%	33

		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 O	ccupations of 40.0101 G	raduates:	40.0101
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
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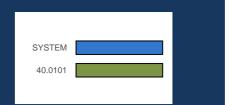
<sup>\*</sup> Data not displayed where n < 5

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

Top 10 Full-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	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%

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

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



#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	40.	40.0101		TEM
Personal savings, investments	rsonal savings, investments 18		2,849	31%
Employment while studying		57%	4,716	51%
Family/Friends	24	55%	5,423	59%
Personal bank loans	3	7%	600	7%
Government student loans	11	25%	3,008	33%
Scholarships/Bursaries/Grants	13	30%	2,803	31%
Other	10	23%	1,997	22%
Total	44		9,180	

<sup>\*</sup> Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	40.0101		SYSTEM	
Incurred any form of financial debt	16	36%	4,031	44%
Incurred government-sponsored student loan debt	11	24%	3,331	36%

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



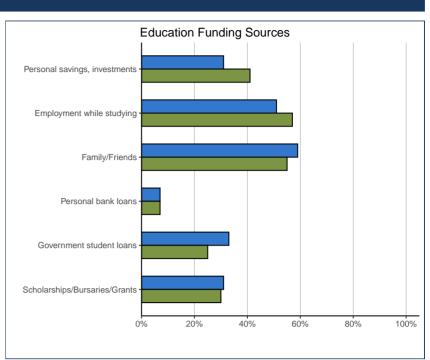
<sup>\*</sup> Includes only cases where financial debt was incurred

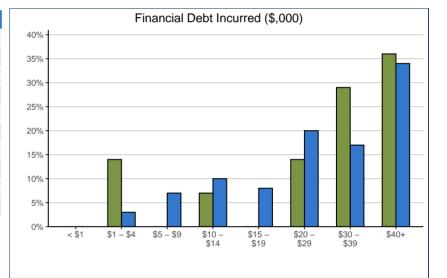


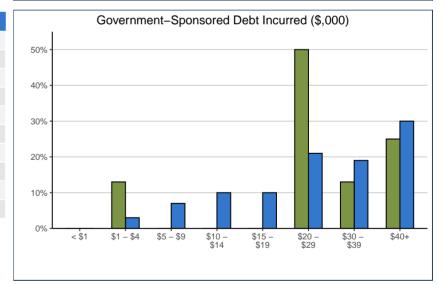
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

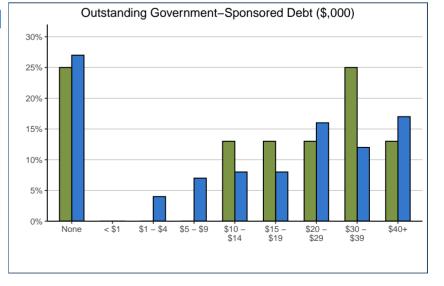


<sup>\*</sup> Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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