

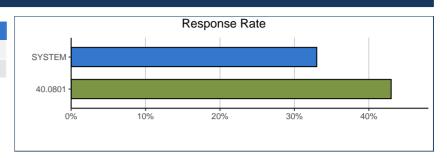
B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

SYSTEM 40.0801

Detailed Summary of Survey Results
All Institutions
40.0801: Physics, general

RESPONSE RATE

Survey Response Rate:	40.0801		SYS	TEM
Baccalaureate Graduates Survey Cohort	103	100%	25,962	100%
Survey Respondents and Response Rate	44	43%	8,603	33%

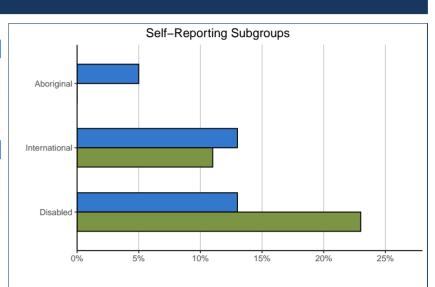


DEMOGRAPHIC INFORMATION

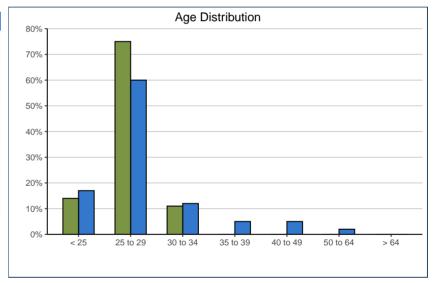
Self-Reporting Subgroups:	40.0801		SYS	TEM
Disabled	9	23%	1,079	13%
International	5	11%	1,153	13%
Aboriginal	~	~	330	5%

Gender:*	40.0801		SYS	TEM
Male	30	70%	3,534	41%
Female	13	30%	5,051	59%
Total	43	100%	8,585	100%

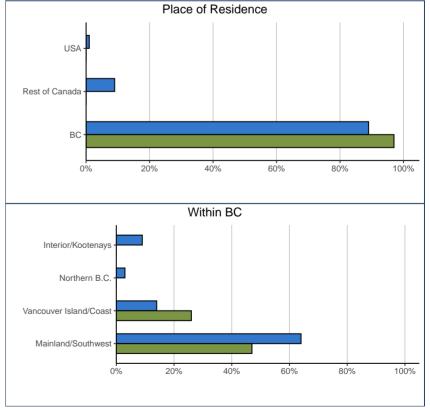
^{*}Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.



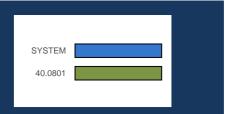
Age (at time of survey):	40.0801		SYS	TEM
< 25	6	14%	1,417	17%
25 to 29	33	75%	5,150	60%
30 to 34	5	11%	994	12%
35 to 39	0	0%	417	5%
40 to 49	0	0%	407	5%
50 to 64	0	0%	175	2%
> 64	0	0%	26	0%
Total	44	100%	8,586	100%
Median Age	25		26	
Average (mean) Age	26		28	



Place of Residence (at time of survey):	40.0801		SYSTEM	
BC – Mainland/Southwest	18	47%	4,824	64%
BC - Vancouver Island/Coast	10	26%	1,065	14%
BC – Northern B.C.	~	~	225	3%
BC – Interior/Kootenays	~	~	673	9%
BC Subtotal	37	97%	6,787	89%
Canada – Alberta	0	0%	328	4%
Canada – Ontario	~	~	239	3%
Canada – Other	0	0%	165	2%
U.S.A.	0	0%	75	1%
Non-BC Subtotal	~	~	807	11%
Total	~	~	7,594	100%





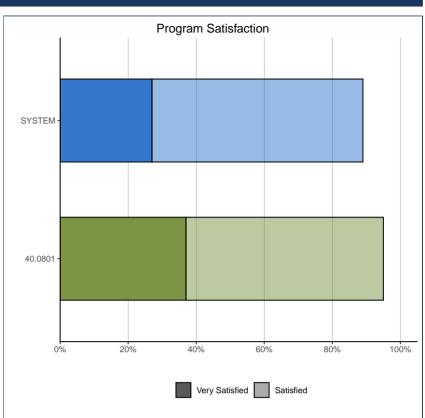


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	40.0801		SYS	TEM
Very Satisfied	16	37%	2,262	27%
Satisfied	25	58%	5,296	62%
Dissatisfied	2	5%	740	9%
Very Dissatisfied	0	0%	184	2%
Total	43	100%	8,482	100%

40.0801		TEM
38%	2,704	39%
46%	3,247	46%
13%	814	12%
4%	250	4%
100%	7,015	100%
	46% 13% 4%	46% 3,247 13% 814 4% 250

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	40.	40.0801		SYSTEM		
Yes	3	7%	818	10%		
No	41	93%	7,545	90%		



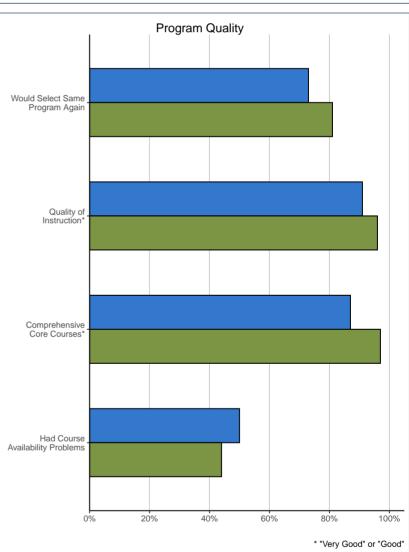
Would select the same program again:	40.0801		SYS	TEM
Yes	34	81%	5,501	73%
No	8	19%	2,019	27%

Quality of Instruction:	40.0	40.0801		0.0801 SYSTEM		TEM
Very Good	13	30%	2,328	27%		
Good	29	66%	5,423	64%		
Poor	2	5%	649	8%		
Very Poor	0	0%	131	2%		
Total	44	100%	8 531	100%		

Comprehensiveness of Core Courses:	40.0801		SYSTEM	
Very Good	14	34%	2,206	26%
Good	26	63%	5,161	61%
Poor	1	2%	862	10%
Very Poor	0	0%	171	2%
Total	41	100%	8,400	100%

Course Availability:	40.0801		SYSTEM	
Encountered course availability problems	19	44%	4,193	50%

Financial Constraints:	40.0801		SYS	TEM
Had to interrupt studies for financial reasons	6	14%	926	11%
Had to take program part-time for financial reasons	7	17%	1,545	18%

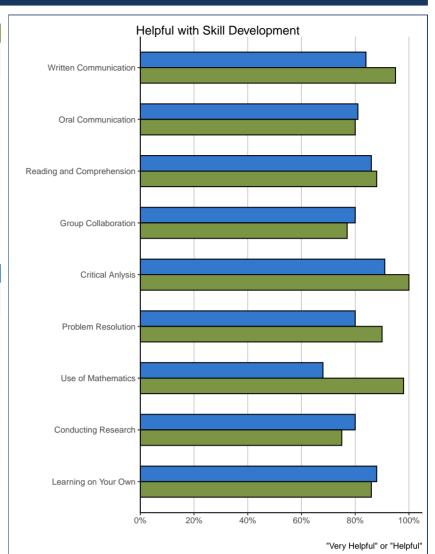




SKILL DEVELOPMENT

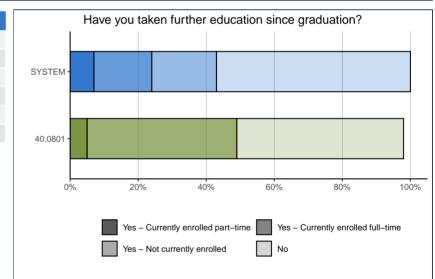
	40.0801				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	32%	63%	5%	0%	41
Oral Communication	25%	55%	18%	3%	40
Reading and Comprehension	33%	55%	12%	0%	42
Group Collaboration	29%	48%	21%	2%	42
Critical Anlysis	64%	36%	0%	0%	44
Problem Resolution	44%	46%	7%	2%	41
Use of Mathematics	75%	23%	2%	0%	44
Conducting Research	52%	23%	18%	7%	44
Learning on Your Own	45%	41%	9%	5%	44

	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

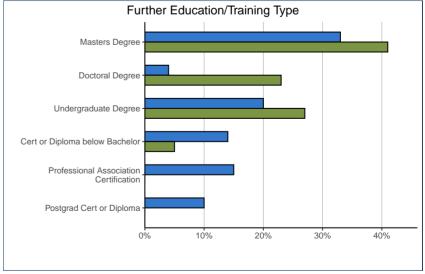


FURTHER EDUCATION

Took further education since 2021 graduation:	40.0801		SYSTEM	
Yes	22	51%	3,668	43%
Not currently enrolled	0	0%	1,580	19%
Currently enrolled full-time	19	44%	1,472	17%
Currently enrolled part-time	2	5%	565	7%
No	21	49%	4,870	57%
Total	43	100%	8,538	100%



Type of Formal Post–Secondary Education:	40.	40.0801		TEM
Masters Degree	9	41%	1,184	33%
Doctoral Degree	5	23%	153	4%
Another Undergraduate Degree	6	27%	718	20%
Certificate or Diploma below Bachelor level	1	5%	510	14%
Professional Association Certification	0	0%	538	15%
Postgraduate Certificate or Diploma	0	0%	359	10%
Other	1	5%	162	4%
Total	22	100%	3,624	100%



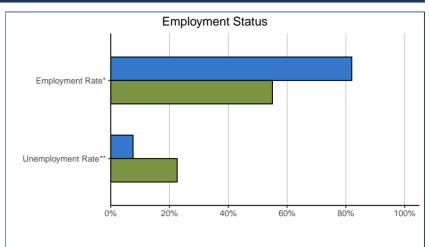


EMPLOYMENT

Labour Fource Status:	40.0801		SYSTEM	
In Labour Force (working or seeking work)	31	79%	7,643	90%
Not in Labour Force	8	21%	803	10%
Total	39	100%	8,446	100%

Employment:	40.0801		1 SYST	
Employment Rate*	24	55%	7,062	82%
Unemployment Rate**	7	22.6%	581	7.6%

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

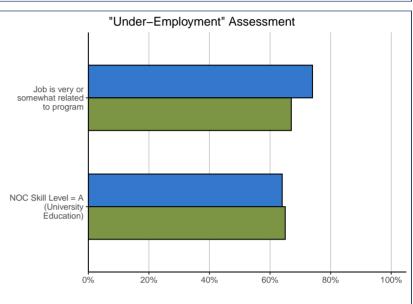


Status of Graduates NOT in Labour Force:	40.0801		SYSTEM	
Attending School FT	6	75%	565	70%
Attending School PT	1	13%	20	2%
Other	1	13%	218	27%
Total NOT in Labour Force	8	100%	803	100%

Primary Employment Type:	40.0801		SYS	TEM
Paid worker	24	100%	6,623	94%
Self-employed	0	0%	412	6%
Total	24	100%	7,035	100%

Job Characteristics:	40.0801		SYS	TEM
I hold more than one job*	2	8%	1,243	18%
My main job is full-time (>= 30 hours per week)**	20	87%	5,922	89%

^{*}Of total Employed



How related is your main job to your program?	40.0801		SYSTEM	
Very Related	6	25%	3,081	44%
Somewhat Related	10	42%	2,151	31%
Not Very Related	5	21%	901	13%
Not at All Related	3	13%	910	13%
Total	24	100%	7,043	100%

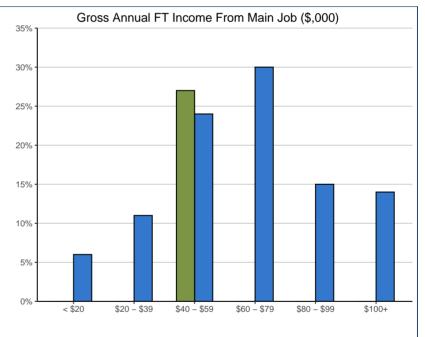
"Under-employment" Assessment:	40.0801		SYSTEM	
Job is very or somewhat related to program	16	67%	5,232	74%
NOC Skill Level = A (University Education)*	15	65%	4,148	64%

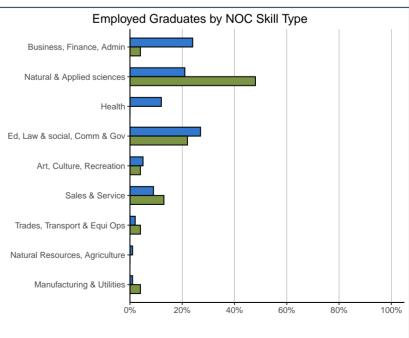
^{*}Of total valid responses

Gross Annual Income from Main Job:*	40.0801		SYSTEM	
Less than \$20,000	~	~	310	6%
\$20,000 to \$39,999		~	593	11%
\$40,000 to \$59,999	6	27%	1,303	24%
\$60,000 to \$79,999	~	~	1,609	30%
\$80,000 to \$99,999	~	~	805	15%
\$100,000 and Above	~	~	729	14%
Total	22	100%	5,349	100%
Median Annual Income (full-time) (\$)	63,651		68,000	
Average Annual Income (full-time) (\$)	68,879		74,015	

*Where data provided

NOC Skill Type of Main Job:	40	40.0801		SYSTEM	
Business, finance & administration		4%	1,558	24%	
Natural & applied sciences & related	11	48%	1,354	21%	
Health		0%	761	12%	
Education, law and social, community & government	5	22%	1,787	27%	
Art, culture, recreation & sport	1	4%	296	5%	
Sales & service	3	13%	559	9%	
Trades, transport & equipment operators & related	1	4%	114	2%	
Natural resources, agriculture & related production	0	0%	35	1%	
Manufacturing & utilities	1	4%	35	1%	
Total	23	100%	6,499	100%	





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

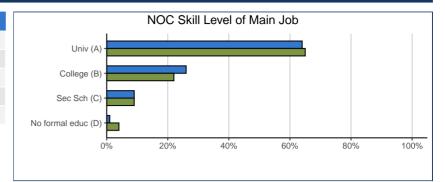
^{**}Of those who provided data on hours/week worked





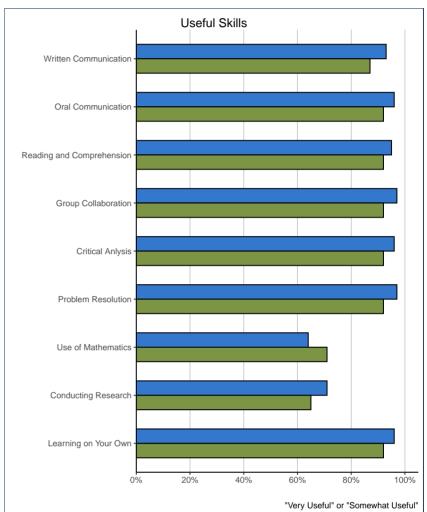
EMPLOYMENT, continued

NOC Skill Level of Main Job:	40.0	801	SYSTEM	
A. University education	15	65%	4,148	64%
B. College education/trade apprenticeship	5	22%	1,713	26%
C. Secondary school + job-specific training	2	9%	564	9%
D. No formal education	1	4%	90	1%
Total	23	100%	6,515	100%



	40.0801				
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	58%	29%	4%	8%	24
Oral Communication	63%	29%	4%	4%	24
Reading and Comprehension	67%	25%	4%	4%	24
Group Collaboration	67%	25%	4%	4%	24
Critical Anlysis	75%	17%	4%	4%	24
Problem Resolution	67%	25%	4%	4%	24
Use of Mathematics	33%	38%	21%	8%	24
Conducting Research	30%	35%	13%	22%	23
Learning on Your Own	63%	29%	4%	4%	24

	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	Top 10 Full-time Occupations of 40.0801 Graduates:		40.0801
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
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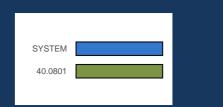
^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed

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

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	40.	40.0801		TEM
Personal savings, investments		27%	2,643	31%
Employment while studying		48%	4,042	48%
Family/Friends	26	59%	5,041	60%
Personal bank loans	3	7%	535	6%
Government student loans	13	30%	2,834	34%
Scholarships/Bursaries/Grants	17	39%	2,631	31%
Other	17	39%	1,990	24%
Total	44		8,391	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	40.0	0801	SYS	TEM
Incurred any form of financial debt	19 43%		3,736	44%
Incurred government-sponsored student loan debt	16	36%	3,105	37%

^{*} Percentage of respondents who provided data



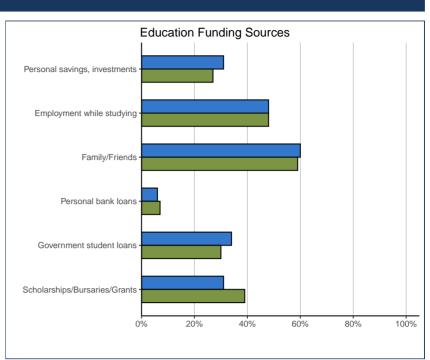
^{*} Includes only cases where financial debt was incurred

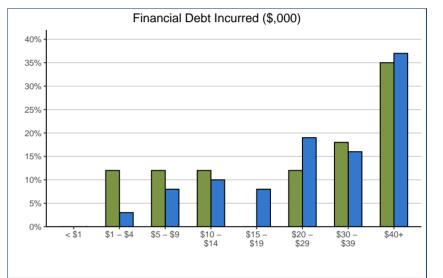


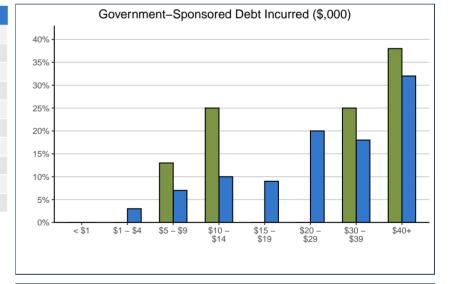
^{*} Includes only cases where government-sponsored debt was incurred

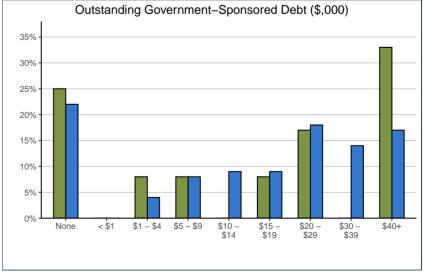


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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