

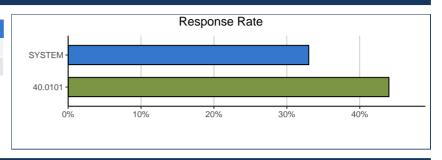
B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

40.0101 40.0101

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

RESPONSE RATE

Survey Response Rate:	40.0101		SYSTEM	
Baccalaureate Graduates Survey Cohort	143	100%	25,962	100%
Survey Respondents and Response Rate	63	44%	8,603	33%

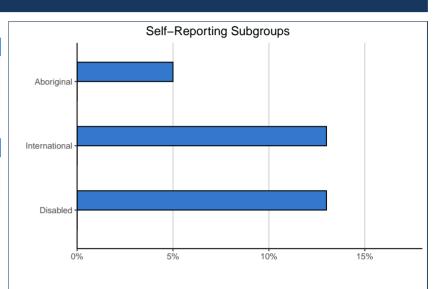


DEMOGRAPHIC INFORMATION

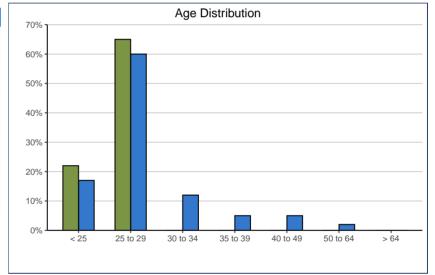
Self-Reporting Subgroups:	40.0101		SYSTEM	
Disabled	~	~	1,079	13%
International	~	~	1,153	13%
Aboriginal	~	~	330	5%

Gender:*	40.0101		SYSTEM	
Male	30	48%	3,534	41%
Female	33	52%	5,051	59%
Total	63	100%	8,585	100%

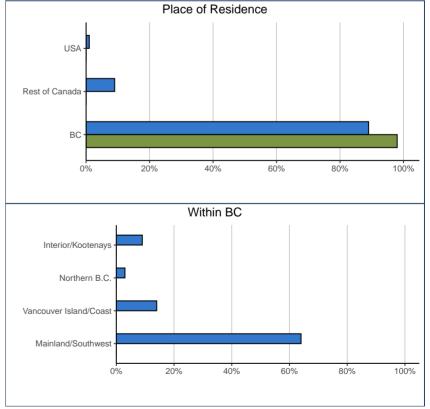
^{*}Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.



Age (at time of survey):	40.0101		SYSTEM	
< 25	14	22%	1,417	17%
25 to 29	41	65%	5,150	60%
30 to 34	~	~	994	12%
35 to 39	~	~	417	5%
40 to 49	~	~	407	5%
50 to 64	0	0%	175	2%
> 64	0	0%	26	0%
Total	63	100%	8,586	100%
Median Age	26		26	
Average (mean) Age	27		28	

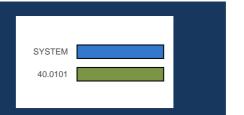


Place of Pacidance (at time of common).	40.4	04.04	CVCTEM	
Place of Residence (at time of survey):	40.	0101	SYSTEM	
BC – Mainland/Southwest	~	~	4,824	64%
BC - Vancouver Island/Coast	~	~	1,065	14%
BC – Northern B.C.	0	0%	225	3%
BC – Interior/Kootenays	~	~	673	9%
BC Subtotal	53	98%	6,787	89%
Canada – Alberta	~	~	328	4%
Canada – Ontario	0	0%	239	3%
Canada – Other	0	0%	165	2%
U.S.A.	0	0%	75	1%
Non-BC Subtotal	~	~	807	11%
Total	~	~	7,594	100%





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



EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	40.0101		SYSTEM	
Very Satisfied	22	35%	2,262	27%
Satisfied	33	52%	5,296	62%
Dissatisfied	7	11%	740	9%
Very Dissatisfied	1	2%	184	2%
Total	63	100%	8,482	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	40.0101		SYSTEM	
Very Useful	12	29%	2,704	39%
Somewhat Useful	20	48%	3,247	46%
Not Very Useful	10	24%	814	12%
Not at All Useful	0	0%	250	4%
Total	42	100%	7,015	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	40.	40.0101		SYSTEM		
Yes	10	16%	818	10%		
No	52	84%	7,545	90%		



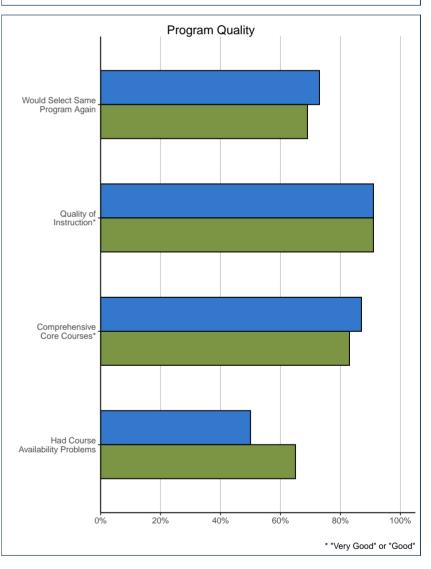
Would select the same program again:	40.0101		SYSTEM	
Yes	41	69%	5,501	73%
No	18	31%	2,019	27%

Quality of Instruction:	40.0101		SYSTEM	
Very Good	25	40%	2,328	27%
Good	32	51%	5,423	64%
Poor	4	6%	649	8%
Very Poor	2	3%	131	2%
Total	63	100%	8,531	100%

Comprehensiveness of Core Courses:	40.0	40.0101		TEM
Very Good	22	35%	2,206	26%
Good	30	48%	5,161	61%
Poor	9	14%	862	10%
Very Poor	2	3%	171	2%
Total	63	100%	8.400	100%

Course Availability:	40.0101		SYSTEM	
Encountered course availability problems	41	65%	4,193	50%

Financial Constraints:	40.0101		SYS	TEM
Had to interrupt studies for financial reasons	7	12%	926	11%
Had to take program part-time for financial reasons	7	13%	1,545	18%



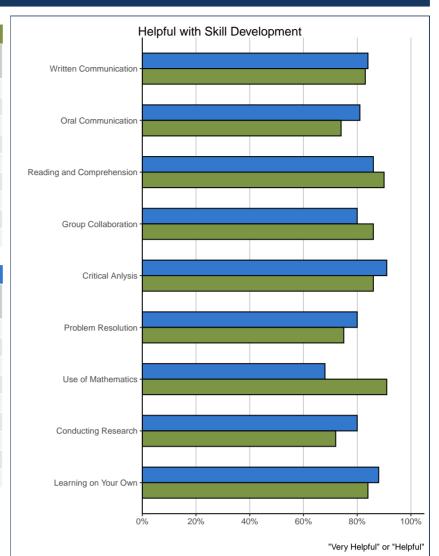
Detailed Summary of Survey Results All Institutions 40.0101: Physical sciences, general



SKILL DEVELOPMENT

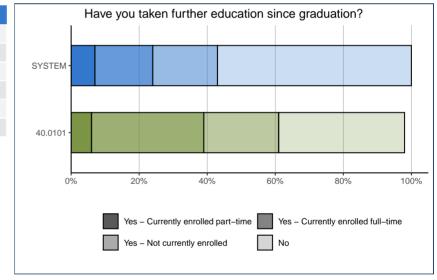
			40.0101		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	27%	56%	13%	3%	62
Oral Communication	20%	54%	20%	7%	61
Reading and Comprehension	41%	49%	8%	2%	61
Group Collaboration	34%	52%	11%	2%	61
Critical Anlysis	49%	37%	13%	2%	63
Problem Resolution	33%	42%	22%	3%	60
Use of Mathematics	43%	48%	8%	2%	63
Conducting Research	47%	25%	19%	8%	59
Learning on Your Own	51%	33%	13%	3%	61

			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

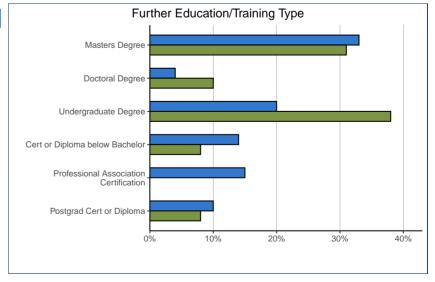


FURTHER EDUCATION

Took further education since 2021 graduation:	40.0101		SYSTEM	
Yes	40	63%	3,668	43%
Not currently enrolled	14	22%	1,580	19%
Currently enrolled full-time	21	33%	1,472	17%
Currently enrolled part-time	4	6%	565	7%
No	23	37%	4,870	57%
Total	63	100%	8,538	100%



Type of Formal Post–Secondary Education:	40.	40.0101		SYSTEM	
Masters Degree	12	12 31%		33%	
Doctoral Degree	4	10%	153	4%	
Another Undergraduate Degree	15	38%	718	20%	
Certificate or Diploma below Bachelor level	3	8%	510	14%	
Professional Association Certification	0	0%	538	15%	
Postgraduate Certificate or Diploma	3	8%	359	10%	
Other	2	5%	162	4%	
Total	39	100%	3,624	100%	



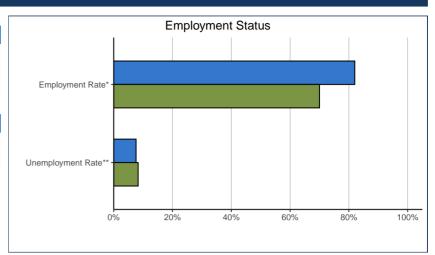


EMPLOYMENT

Labour Fource Status:	40.0101		SYSTEM	
In Labour Force (working or seeking work)	48	77%	7,643	90%
Not in Labour Force	14	23%	803	10%
Total	62	100%	8,446	100%

Employment:	40.0101		0101 SYSTEM	
Employment Rate*	44	70%	7,062	82%
Unemployment Rate**	4	8.3%	581	7.6%

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

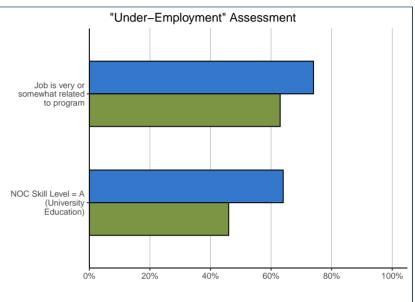


Status of Graduates NOT in Labour Force:	40.0101		SYSTEM	
Attending School FT	12	86%	565	70%
Attending School PT	0	0%	20	2%
Other	2	14%	218	27%
Total NOT in Labour Force	14	100%	803	100%

Primary Employment Type:	40.0101		SYS	TEM
Paid worker	39	91%	6,623	94%
Self-employed	4	9%	412	6%
Total	43	100%	7,035	100%

Job Characteristics:	40.0101		SYS	TEM
I hold more than one job*	8	18%	1,243	18%
My main job is full-time (>= 30 hours per week)**	33	80%	5,922	89%

^{*}Of total Employed



How related is your main job to your program?	40.0101		SYSTEM	
Very Related	13	30%	3,081	44%
Somewhat Related	14	33%	2,151	31%
Not Very Related	7	16%	901	13%
Not at All Related	9	21%	910	13%
Total	43	100%	7,043	100%

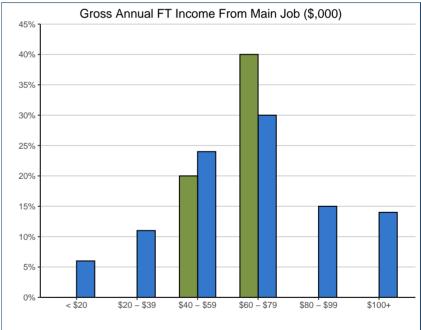
"Under-employment" Assessment:	40.0101		SYSTEM	
Job is very or somewhat related to program	27	63%	5,232	74%
NOC Skill Level = A (University Education)*	18	46%	4,148	64%

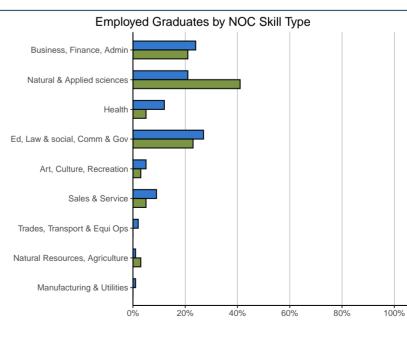
^{*}Of total valid responses

Gross Annual Income from Main Job:*	40.0	40.0101		SYSTEM	
Less than \$20,000	~	~	310	6%	
\$20,000 to \$39,999		~	593	11%	
\$40,000 to \$59,999		20%	1,303	24%	
\$60,000 to \$79,999	12	40%	1,609	30%	
\$80,000 to \$99,999	~	~	805	15%	
\$100,000 and Above	~	~	729	14%	
Total	30	100%	5,349	100%	
Median Annual Income (full-time) (\$)	62,476		68,000		
Average Annual Income (full-time) (\$)	63,069		74,015		

^{*}Where data provided

NOC Skill Type of Main Job:	40.0101		SYSTEM	
Business, finance & administration		21%	1,558	24%
Natural & applied sciences & related	16	41%	1,354	21%
Health		5%	761	12%
Education, law and social, community & government	9	23%	1,787	27%
Art, culture, recreation & sport	1	3%	296	5%
Sales & service	2	5%	559	9%
Trades, transport & equipment operators & related	0	0%	114	2%
Natural resources, agriculture & related production	1	3%	35	1%
Manufacturing & utilities	0	0%	35	1%
Total	39	100%	6,499	100%





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

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

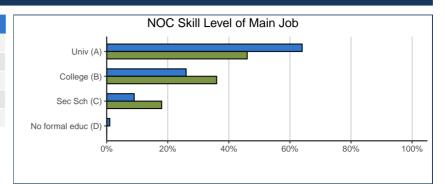


Detailed Summary of Survey Results All Institutions 40.0101: Physical sciences, general

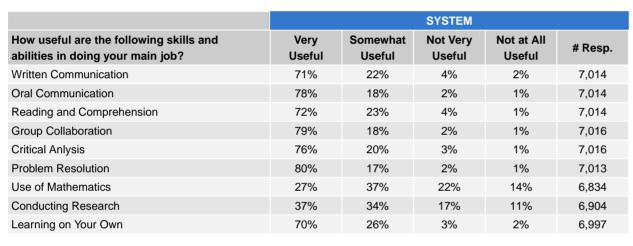


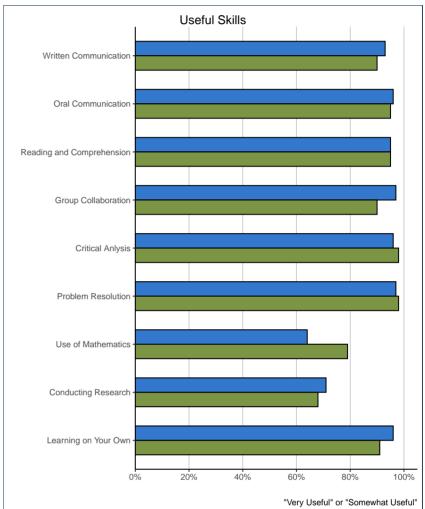
EMPLOYMENT, continued

NOC Skill Level of Main Job:	40.0101		SYSTEM	
A. University education	18 46%		4,148	64%
B. College education/trade apprenticeship	14	36%	1,713	26%
C. Secondary school + job-specific training	7	18%	564	9%
D. No formal education	0	0%	90	1%
Total	39	100%	6,515	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	60%	30%	5%	5%	43
Oral Communication	74%	21%	5%	0%	43
Reading and Comprehension	79%	16%	2%	2%	43
Group Collaboration	74%	16%	5%	5%	43
Critical Anlysis	79%	19%	2%	0%	43
Problem Resolution	86%	12%	2%	0%	43
Use of Mathematics	42%	37%	9%	12%	43
Conducting Research	49%	19%	7%	26%	43
Learning on Your Own	74%	17%	7%	2%	42
Problem Resolution Use of Mathematics Conducting Research	86% 42% 49%	12% 37% 19%	2% 9% 7%	0% 12% 26%	43 43 43





Top 10 Full-time Occupations of 40.0101 Graduates:		40.0101	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
4031	A	Secondary school teachers	11%
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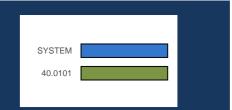
 $^{^{\}star}$ Data not displayed where n < 5

^{**} 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%
XXXX	0	Unclassified occupations	5%
2173	A	Software engineers and designers	3%
1111	A	Financial auditors and accountants	3%
4032	A	Elementary school and kindergarten teachers	3%
4212	В	Social and community service workers	3%
1123	A	Professional occupations in advertising, marketing and public relations	3%
2174	A	Computer programmers and interactive media developers	3%
1221	В	Administrative officers	2%
4031	Α	Secondary school teachers	2%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	40.	40.0101		TEM
Personal savings, investments		33%	2,643	31%
Employment while studying		67%	4,042	48%
Family/Friends	33	54%	5,041	60%
Personal bank loans	1	2%	535	6%
Government student loans	22	36%	2,834	34%
Scholarships/Bursaries/Grants	20	33%	2,631	31%
Other	10	16%	1,990	24%
Total	61		8,391	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	40.0101		SYSTEM	
Incurred any form of financial debt	28	46%	3,736	44%
Incurred government-sponsored student loan debt	24	39%	3,105	37%

^{*} Percentage of respondents who provided data



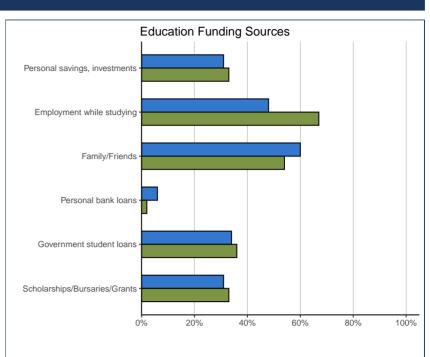
^{*} Includes only cases where financial debt was incurred

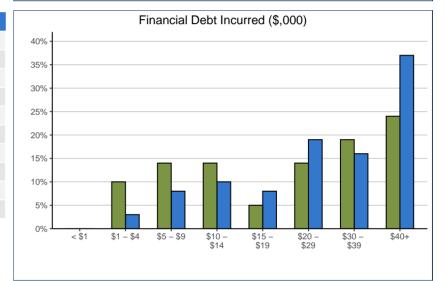


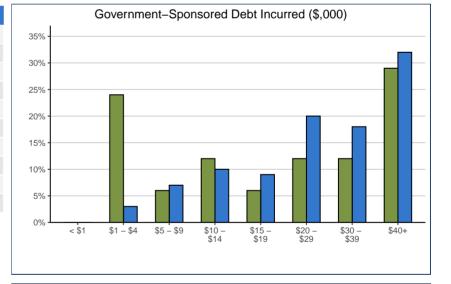
^{*} Includes only cases where government-sponsored debt was incurred

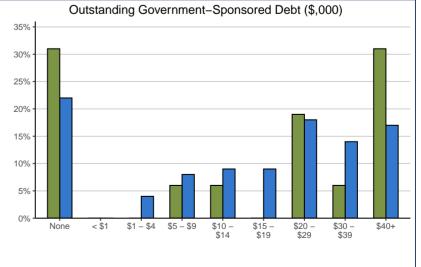


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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