

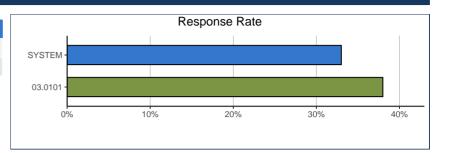
## B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

Detailed Summary of Survey Results All Institutions

03.0101: Natural resources/conservation, general

### RESPONSE RATE

Survey Response Rate:	03.0101		SYSTEM	
Baccalaureate Graduates Survey Cohort	106	100%	25,962	100%
Survey Respondents and Response Rate	40	38%	8,603	33%

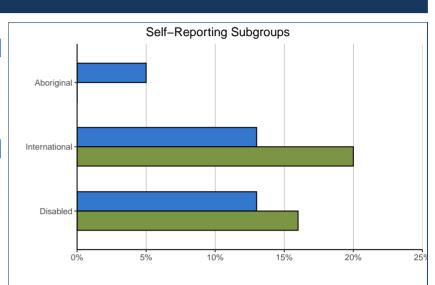


#### DEMOGRAPHIC INFORMATION

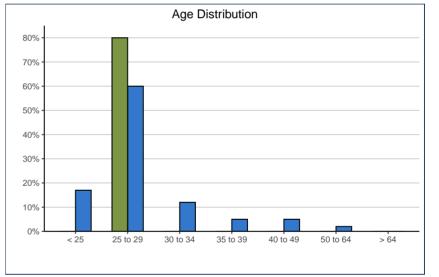
Self-Reporting Subgroups:	03.0101		SYSTEM	
Disabled	6	16%	1,079	13%
International	8	20%	1,153	13%
Aboriginal	~	~	330	5%

Gender:*	03.0101		SYSTEM	
Male	19	48%	3,534	41%
Female	21	53%	5,051	59%
Total	40	100%	8,585	100%

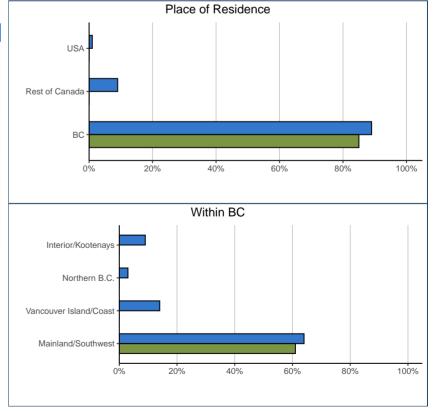
<sup>\*</sup>Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.



Age (at time of survey):	03.0101		SYSTEM	
< 25	~	~	1,417	17%
25 to 29	32	80%	5,150	60%
30 to 34	0	0%	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	40	100%	8,586	100%
Median Age	26		26	
Average (mean) Age	26		28	



Place of Residence (at time of survey):	03.	03.0101		SYSTEM	
BC - Mainland/Southwest	20	61%	4,824	64%	
BC - Vancouver Island/Coast	0	0%	1,065	14%	
BC – Northern B.C.	~	~	225	3%	
BC – Interior/Kootenays	~	~	673	9%	
BC Subtotal	28	85%	6,787	89%	
Canada – Alberta	~	~	328	4%	
Canada – Ontario	~	~	239	3%	
Canada – Other	~	~	165	2%	
U.S.A.	~	~	75	1%	
Non-BC Subtotal	5	15%	807	11%	
Total	33	100%	7,594	100%	





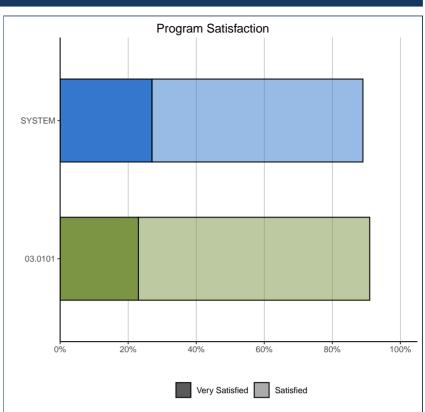


### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	03.0101		SYSTEM	
Very Satisfied	9	23%	2,262	27%
Satisfied	27	68%	5,296	62%
Dissatisfied	3	8%	740	9%
Very Dissatisfied	1	3%	184	2%
Total	40	100%	8,482	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	03.	0101	SYSTEM	
Very Useful	14	42%	2,704	39%
Somewhat Useful	11	33%	3,247	46%
Not Very Useful	3	9%	814	12%
Not at All Useful	5	15%	250	4%
Total	33	100%	7,015	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	03.	03.0101		SYSTEM	
Yes	4	10%	818	10%	
No	35	90%	7,545	90%	



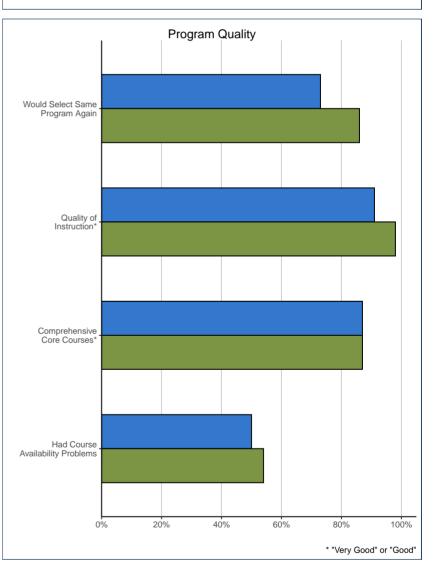
Would select the same program again:	03.0101		SYSTEM	
Yes	30	86%	5,501	73%
No	5	14%	2,019	27%

Quality of Instruction:	03.0	03.0101		SYSTEM	
Very Good	14	35%	2,328	27%	
Good	25	63%	5,423	64%	
Poor	1	3%	649	8%	
Very Poor	0	0%	131	2%	
Total	40	100%	8,531	100%	

Comprehensiveness of Core Courses:	03.	03.0101		TEM
Very Good	12	31%	2,206	26%
Good	22	56%	5,161	61%
Poor	5	13%	862	10%
Very Poor	0	0%	171	2%
Total	39	100%	8.400	100%

Course Availability:	03.0101		SYSTEM	
Encountered course availability problems	21	54%	4.193	50%

Financial Constraints:	03.0101		SYS	TEM
Had to interrupt studies for financial reasons	4	11%	926	11%
Had to take program part-time for financial reasons	4	10%	1,545	18%



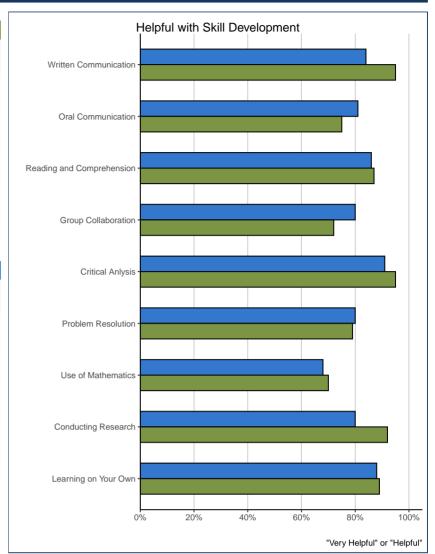




### SKILL DEVELOPMENT

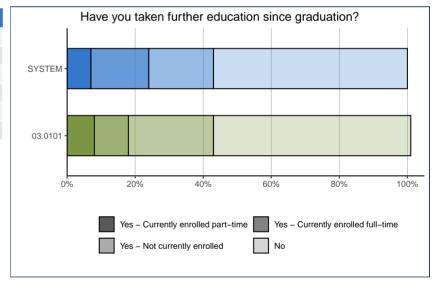
			03.0101		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	34%	61%	5%	0%	38
Oral Communication	26%	49%	26%	0%	39
Reading and Comprehension	41%	46%	13%	0%	39
Group Collaboration	26%	46%	28%	0%	39
Critical Anlysis	54%	41%	3%	3%	39
Problem Resolution	29%	50%	18%	3%	38
Use of Mathematics	8%	62%	28%	3%	39
Conducting Research	45%	47%	8%	0%	38
Learning on Your Own	56%	33%	10%	0%	39

			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

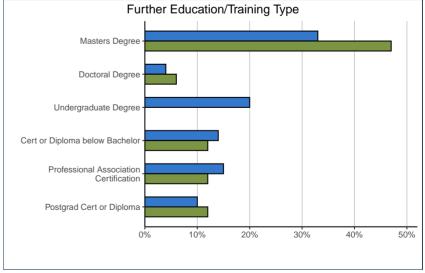


#### **FURTHER EDUCATION**

Took further education since 2021 graduation:	03.0101		SYSTEM	
Yes	17	43%	3,668	43%
Not currently enrolled	10	25%	1,580	19%
Currently enrolled full-time	4	10%	1,472	17%
Currently enrolled part-time	3	8%	565	7%
No	23	58%	4,870	57%
Total	40	100%	8,538	100%



Type of Formal Post–Secondary Education:	03.	03.0101		TEM
Masters Degree	8	47%	1,184	33%
Doctoral Degree	1	6%	153	4%
Another Undergraduate Degree	0	0%	718	20%
Certificate or Diploma below Bachelor level	2	12%	510	14%
Professional Association Certification	2	12%	538	15%
Postgraduate Certificate or Diploma	2	12%	359	10%
Other	2	12%	162	4%
Total	17	100%	3,624	100%

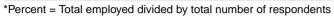




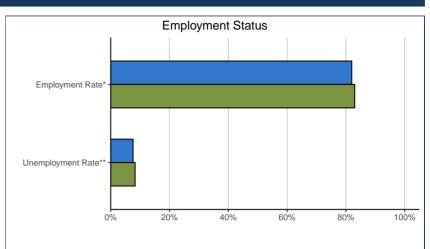


### **EMPLOYMENT**

Labour Fource Status:	03.0101		SYSTEM			
In Labour Force (working or seeking work)	36	90%	7,643	90%		
Not in Labour Force	4	10%	803	10%		
Total	40	100%	8,446	100%		
Employment:	03.	03.0101		0101 SYSTE		TEM
Employment Rate*	33	83%	7,062	82%		
Unemployment Rate**	3	8.3%	581	7.6%		



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

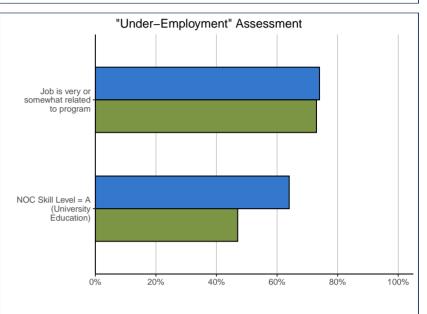


Status of Graduates NOT in Labour Force:	03.0101		SYSTEM	
Attending School FT	2	50%	565	70%
Attending School PT	0	0%	20	2%
Other	2	50%	218	27%
Total NOT in Labour Force	4	100%	803	100%

Primary Employment Type:	03.0101		03.0101		SYSTEM	
Paid worker	32	97%	6,623	94%		
Self-employed	1	3%	412	6%		
Total	33	100%	7,035	100%		

Job Characteristics:	03.0	0101	SYS	TEM
I hold more than one job*	6	18%	1,243	18%
My main job is full-time (>= 30 hours per week)**	25	83%	5.922	89%

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



How related is your main job to your program?	03.0101		SYS	TEM
Very Related	15	45%	3,081	44%
Somewhat Related	9	27%	2,151	31%
Not Very Related	6	18%	901	13%
Not at All Related	3	9%	910	13%
Total	33	100%	7,043	100%

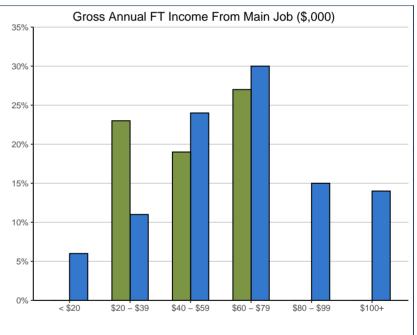
"Under-employment" Assessment:	03.0101		SYSTEM	
Job is very or somewhat related to program	24	73%	5,232	74%
NOC Skill Level = A (University Education)*	14	47%	4,148	64%

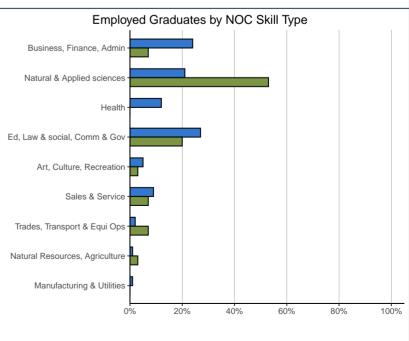
<sup>\*</sup>Of total valid responses

Gross Annual Income from Main Job:*	03.0	03.0101		TEM
Less than \$20,000	~	~	310	6%
\$20,000 to \$39,999	6	23%	593	11%
\$40,000 to \$59,999	5	19%	1,303	24%
\$60,000 to \$79,999	7	27%	1,609	30%
\$80,000 to \$99,999	~	~	805	15%
\$100,000 and Above	~	~	729	14%
Total	26	100%	5,349	100%
Median Annual Income (full-time) (\$)	66,798		68,000	
Average Annual Income (full-time) (\$)	81,756		74,015	

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

NOC Skill Type of Main Job:	03.0101		SYSTEM	
Business, finance & administration		7%	1,558	24%
Natural & applied sciences & related	16	53%	1,354	21%
Health	0	0%	761	12%
Education, law and social, community & government	6	20%	1,787	27%
Art, culture, recreation & sport	1	3%	296	5%
Sales & service	2	7%	559	9%
Trades, transport & equipment operators & related	2	7%	114	2%
Natural resources, agriculture & related production	1	3%	35	1%
Manufacturing & utilities	0	0%	35	1%
Total	30	100%	6,499	100%





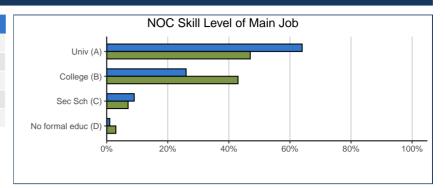
<sup>\*\*</sup>Of those who provided data on hours/week worked





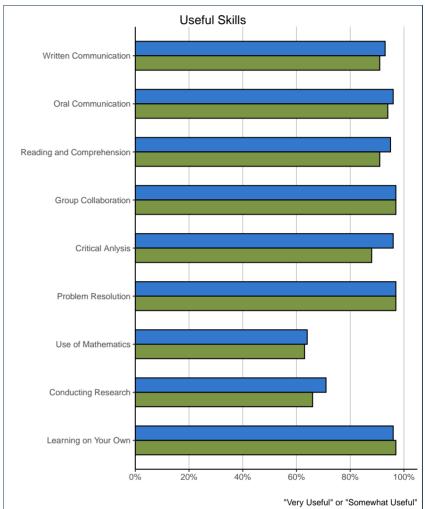
### EMPLOYMENT, continued

NOC Skill Level of Main Job:	03.0101		SYSTEM	
A. University education	14	47%	4,148	64%
B. College education/trade apprenticeship	13	43%	1,713	26%
C. Secondary school + job-specific training	2	7%	564	9%
D. No formal education	1	3%	90	1%
Total	30	100%	6,515	100%



	03.0101				
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	72%	19%	3%	6%	32
Oral Communication	73%	21%	3%	3%	33
Reading and Comprehension	70%	21%	0%	9%	33
Group Collaboration	79%	18%	3%	0%	33
Critical Anlysis	76%	12%	9%	3%	33
Problem Resolution	79%	18%	3%	0%	33
Use of Mathematics	21%	42%	15%	21%	33
Conducting Research	36%	30%	18%	15%	33
Learning on Your Own	75%	22%	0%	3%	32

	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 Occupations of 03.0101 Graduates:		03.0101	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
4161	A	Natural and applied science policy researchers, consultants and program officers	15%
*			
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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%
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%

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

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



#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	03.	03.0101		TEM
Personal savings, investments	13 33%		2,643	31%
Employment while studying		51%	4,042	48%
Family/Friends	24	62%	5,041	60%
Personal bank loans	0	0%	535	6%
Government student loans	11	28%	2,834	34%
Scholarships/Bursaries/Grants	17	44%	2,631	31%
Other	9	23%	1,990	24%
Total	39		8,391	

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

Financial Debt Incurred to Finance Bac. Ed.:*	03.0101		SYSTEM	
Incurred any form of financial debt	14	36%	3,736	44%
Incurred government-sponsored student loan debt	14	36%	3,105	37%

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



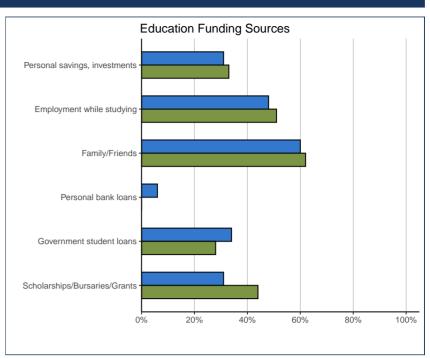
<sup>\*</sup> Includes only cases where financial debt was incurred

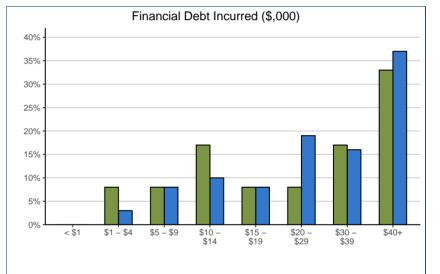


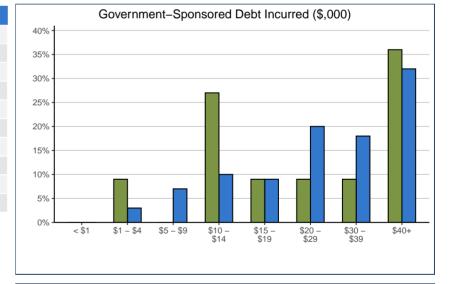
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

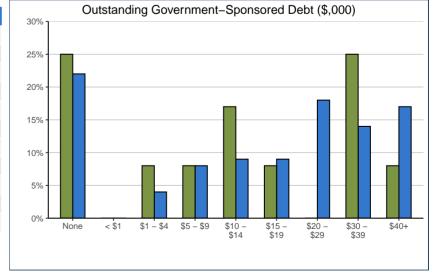


<sup>\*</sup> Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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