

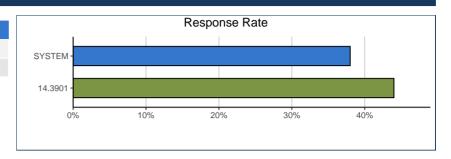
## B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

SYSTEM 14.3901

Detailed Summary of Survey Results
All Institutions
14.3901: Geological/geophysical engineering

### RESPONSE RATE

Survey Response Rate:	14.3901		SYSTEM	
Baccalaureate Graduates Survey Cohort	41	100%	24,752	100%
Survey Respondents and Response Rate	18	44%	9,423	38%

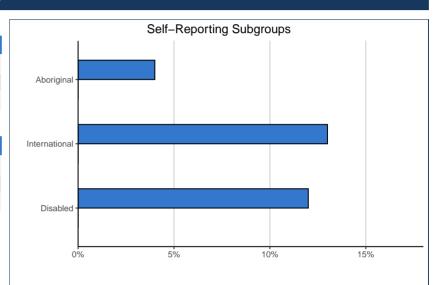


### DEMOGRAPHIC INFORMATION

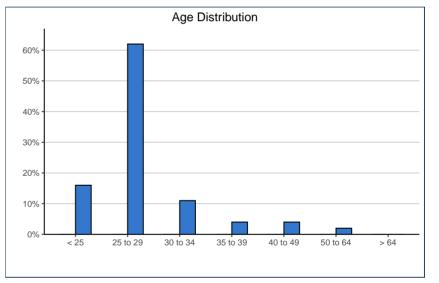
Self-Reporting Subgroups:	14.3901		SYSTEM	
Disabled	0	0%	1,082	12%
International	~	~	1,205	13%
Aboriginal	~	~	357	4%

Gender:*	14.3901		SYSTEM	
Male	9	50%	3,744	40%
Female	9	50%	5,675	60%
Total	18	100%	9,419	100%

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

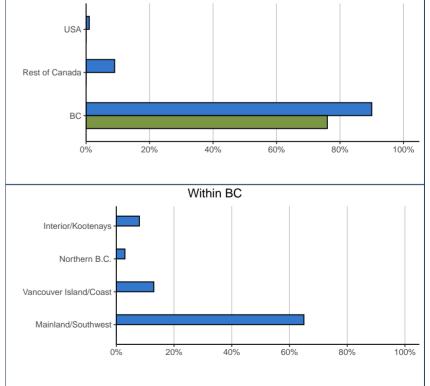


Age (at time of survey):	14.3901		SYSTEM	
< 25	~	~	1,496	16%
25 to 29	~	~	5,860	62%
30 to 34	0	0%	1,035	11%
35 to 39	0	0%	421	4%
40 to 49	0	0%	397	4%
50 to 64	0	0%	186	2%
> 64	0	0%	22	0%
Total	18	100%	9,417	100%
Median Age	25		26	
Average (mean) Age	26		28	



Place of Residence

Place of Residence (at time of survey):	14.3901		SYSTEM	
BC – Mainland/Southwest	~	~	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	13	76%	7,526	90%
Canada – Alberta	~	~	343	4%
Canada – Ontario	~	~	280	3%
Canada – Other	0	0%	176	2%
U.S.A.	0	0%	80	1%
Non-BC Subtotal	~	~	879	10%
Total	17	100%	8,405	100%





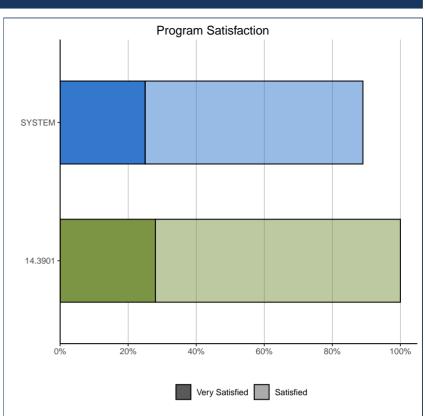


### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	14.3901		SYS	TEM
Very Satisfied	5	28%	2,332	25%
Satisfied	13	72%	5,914	64%
Dissatisfied	0	0%	831	9%
Very Dissatisfied	0	0%	188	2%
Total	18	100%	9,265	100%

14.3901		SYSTEM	
6	33%	3,011	38%
12	67%	3,664	47%
0	0%	886	11%
0	0%	283	4%
18	100%	7,844	100%
	6 12 0 0	6 33% 12 67% 0 0% 0 0%	6 33% 3,011 12 67% 3,664 0 0% 886 0 0% 283

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.	14.3901		SYSTEM	
Yes	0	0%	902	10%	
No	18	100%	8,298	90%	



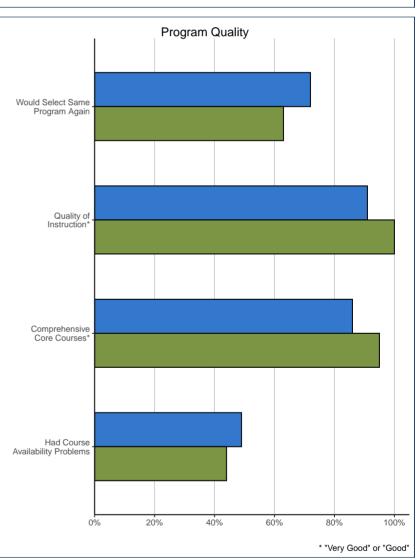
Would select the same program again:	14.3901		SYSTEM	
Yes	10	63%	5,963	72%
No	6	38%	2,334	28%

Quality of Instruction:	14.3901		SYSTEM	
Very Good	5	28%	2,498	27%
Good	13	72%	6,007	64%
Poor	0	0%	685	7%
Very Poor	0	0%	131	1%
Total	18	100%	9.321	100%

Comprehensiveness of Core Courses:	14.3901		SYSTEM	
Very Good	5	28%	2,303	25%
Good	12	67%	5,649	61%
Poor	1	6%	1,073	12%
Very Poor	0	0%	172	2%
Total	18	100%	9,197	100%

Course Availability:	14.3	3901	SYSTEM		
Encountered course availability problems	8	44%	4,485	49%	

Financial Constraints:	14.3901		SYS	TEM
Had to interrupt studies for financial reasons	1	6%	987	11%
Had to take program part-time for financial reasons	0	0%	1,629	18%



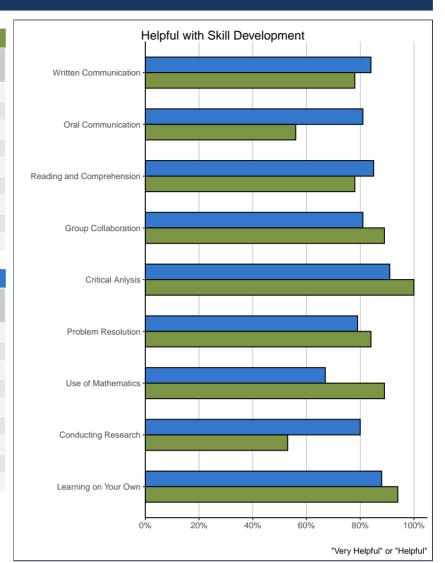




### SKILL DEVELOPMENT

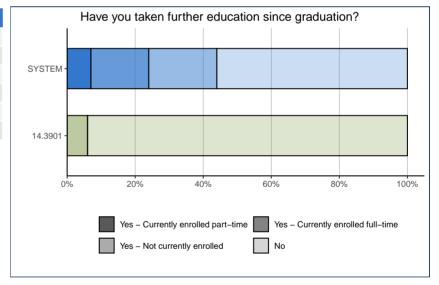
			14.3901		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	17%	61%	22%	0%	18
Oral Communication	17%	39%	44%	0%	18
Reading and Comprehension	22%	56%	22%	0%	18
Group Collaboration	39%	50%	11%	0%	18
Critical Anlysis	44%	56%	0%	0%	18
Problem Resolution	17%	67%	17%	0%	18
Use of Mathematics	28%	61%	11%	0%	18
Conducting Research	12%	41%	47%	0%	17
Learning on Your Own	50%	44%	6%	0%	18

			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

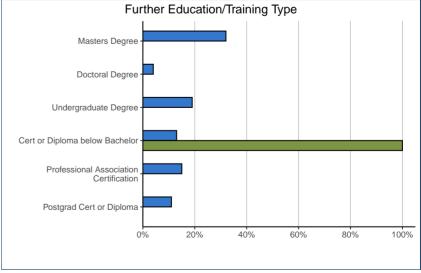


## FURTHER EDUCATION

Took further education since 2020 graduation:	14.3901		SYS	TEM
Yes	1	6%	4,119	44%
Not currently enrolled	1	6%	1,831	20%
Currently enrolled full-time	0	0%	1,602	17%
Currently enrolled part-time	0	0%	637	7%
No	17	94%	5,244	56%
Total	18	100%	9,363	100%



Type of Formal Post–Secondary Education:	14.	14.3901		TEM
Masters Degree	0	0%	1,307	32%
Doctoral Degree	0	0%	167	4%
Another Undergraduate Degree	0	0%	789	19%
Certificate or Diploma below Bachelor level	1	100%	527	13%
Professional Association Certification	0	0%	603	15%
Postgraduate Certificate or Diploma	0	0%	431	11%
Other	0	0%	236	6%
Total	1	100%	4,060	100%





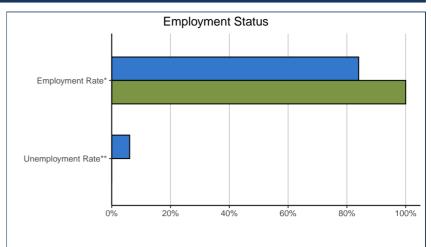


#### **EMPLOYMENT**

Labour Fource Status:	14.3901		SYS	TEM		
In Labour Force (working or seeking work)	18	100%	8,412	91%		
Not in Labour Force	0	0%	857	9%		
Total	18	100%	9,269	100%		
Employment:	14.3901		14.3901		SYS	TEM
Employment Rate*	18	100%	7,900	84%		



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

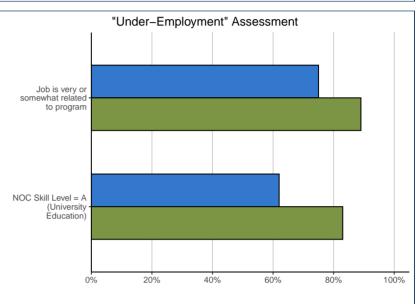


Status of Graduates NOT in Labour Force:	14.3901		SYS	TEM
Attending School FT	0	0%	597	70%
Attending School PT	0	0%	23	3%
Other	0	0%	237	28%
Total NOT in Labour Force	0	0%	857	100%

Primary Employment Type:	14.3901		SYS	TEM
Paid worker	18	100%	7,394	94%
Self-employed	0	0%	493	6%
Total	18	100%	7,887	100%

Job Characteristics:	14.3	14.3901		TEM
I hold more than one job*	1	6%	1,463	19%
My main job is full-time (>= 30 hours per week)**	18	100%	6,655	89%

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



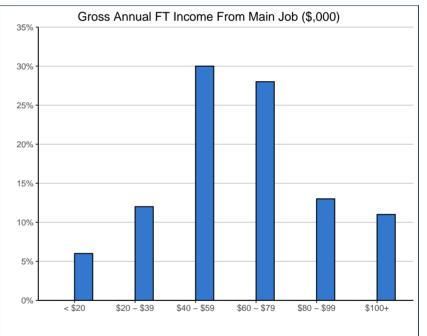
How related is your main job to your program?	14.3901		SYSTEM	
Very Related	13	72%	3,386	43%
Somewhat Related	3	17%	2,530	32%
Not Very Related	0	0%	1,013	13%
Not at All Related	2	11%	954	12%
Total	18	100%	7,883	100%

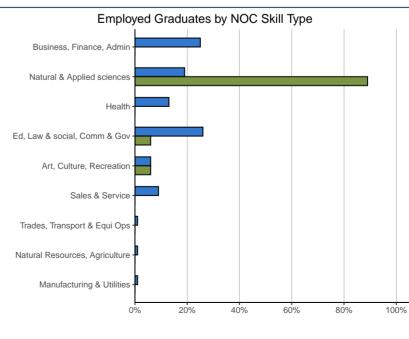
"Under-employment" Assessment:	14.3901		SYSTEM	
Job is very or somewhat related to program	16	89%	5,916	75%
NOC Skill Level = A (University Education)*	15	83%	4,631	62%

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

Gross Annual Income from Main Job:*	14.3901		SYS	TEM
Less than \$20,000	0	0%	328	6%
\$20,000 to \$39,999	0	0%	725	12%
\$40,000 to \$59,999	~	~	1,773	30%
\$60,000 to \$79,999	~	~	1,673	28%
\$80,000 to \$99,999	~	~	799	13%
\$100,000 and Above	~	~	659	11%
Total	17	100%	5,957	100%
Median Annual Income (full-time) (\$)	80,500		63,000	
Average Annual Income (full-time) (\$)	83,533		70,455	
*Where data provided				

NOC Skill Type of Main Job:	14.	14.3901		SYSTEM	
Business, finance & administration		0%	1,844	25%	
Natural & applied sciences & related		89%	1,422	19%	
Health	0	0%	933	13%	
Education, law and social, community & government	1	6%	1,946	26%	
Art, culture, recreation & sport	1	6%	438	6%	
Sales & service	0	0%	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	18	100%	7,426	100%	





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

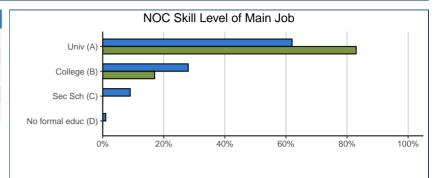
<sup>\*\*</sup>Of those who provided data on hours/week worked





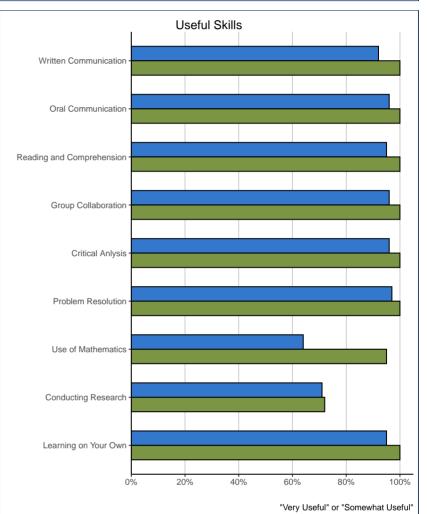
### EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.3901		SYSTEM	
A. University education		83%	4,631	62%
B. College education/trade apprenticeship	3	17%	2,082	28%
C. Secondary school + job-specific training	0	0%	647	9%
D. No formal education	0	0%	86	1%
Total	18	100%	7,446	100%



	14.3901				
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	89%	11%	0%	0%	18
Oral Communication	83%	17%	0%	0%	18
Reading and Comprehension	94%	6%	0%	0%	18
Group Collaboration	100%	0%	0%	0%	18
Critical Anlysis	83%	17%	0%	0%	18
Problem Resolution	88%	12%	0%	0%	17
Use of Mathematics	56%	39%	6%	0%	18
Conducting Research	28%	44%	22%	6%	18
Learning on Your Own	67%	33%	0%	0%	18

y Somewh ful Useful 6 25% 6 21%	Useful 5%	Not at All Useful 3%	# Resp. 7,839
		3%	7,839
6 21%			
	3%	1%	7,837
6 25%	4%	1%	7,836
6 20%	3%	1%	7,841
6 22%	3%	1%	7,838
6 20%	2%	1%	7,833
6 36%	21%	15%	7,634
% 35%	17%	12%	7,717
6 27%	3%	2%	7,819
	% 20% % 22% % 20% % 36% % 35%	%       20%       3%         %       22%       3%         %       20%       2%         %       36%       21%         %       35%       17%	%     20%     3%     1%       %     22%     3%     1%       %     20%     2%     1%       %     36%     21%     15%       %     35%     17%     12%



Top 10 Full-time O	cupations of 14.3901 Gr	raduates:	14.3901
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2144	Α	Geological engineers	56%
*			
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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	А	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



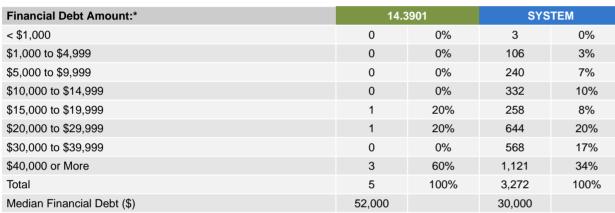
#### **EDUCATION FINANCING**

Funding Sources (3 sources allowed):*	14.	14.3901		TEM
Personal savings, investments		39%	2,849	31%
Employment while studying		39%	4,716	51%
Family/Friends		78%	5,423	59%
Personal bank loans	0	0%	600	7%
Government student loans	3	17%	3,008	33%
Scholarships/Bursaries/Grants	7	39%	2,803	31%
Other	11	61%	1,997	22%
Total	18		9,180	

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

Financial Debt Incurred to Finance Bac. Ed.:*	14.3901		SYSTEM	
Incurred any form of financial debt	33%	4,031	44%	
Incurred government-sponsored student loan debt	3	17%	3,331	36%

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



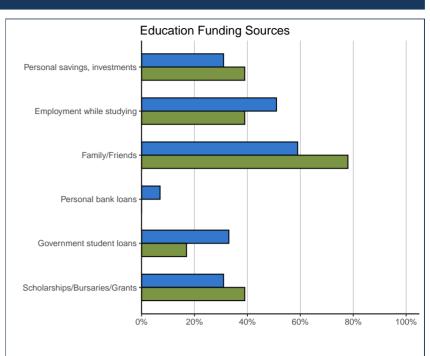
<sup>\*</sup> Includes only cases where financial debt was incurred

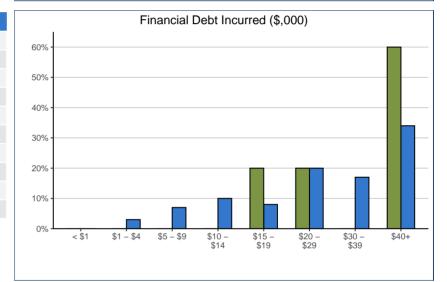


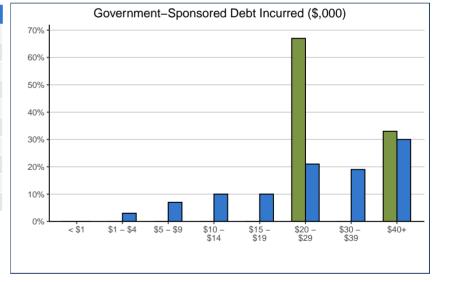
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

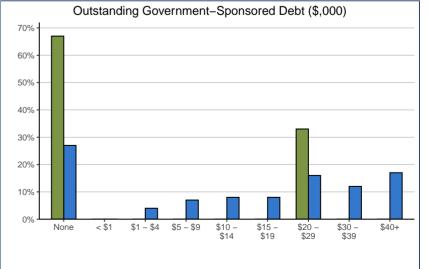


 $<sup>^{\</sup>star}$  Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









 $<sup>^{\</sup>star\star}$  Median amounts shown are based on those who had remaining government student loan debt