

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

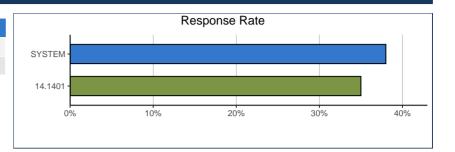
14.1401

Detailed Summary of Survey Results
All Institutions

14.1401: Environmental/environmental health engineering

RESPONSE RATE

Survey Response Rate:	14.1401		SYSTEM	
Baccalaureate Graduates Survey Cohort	43	100%	24,752	100%
Survey Respondents and Response Rate	15	35%	9,423	38%

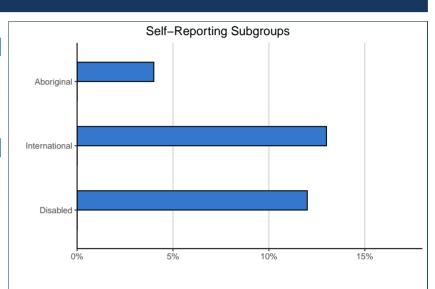


DEMOGRAPHIC INFORMATION

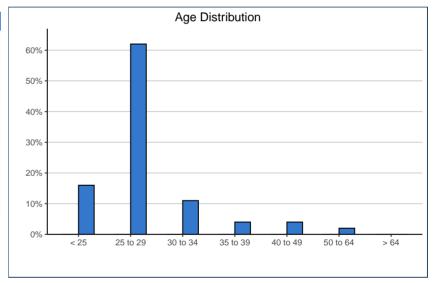
Self-Reporting Subgroups:	14.1401		SYSTEM	
Disabled	0	0%	1,082	12%
International	0	0%	1,205	13%
Aboriginal	0	0%	357	4%

Gender:*	14.1	401	SYSTEM	
Male	~	~	3,744	40%
Female	~	~	5,675	60%
Total	15	100%	9,419	100%

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

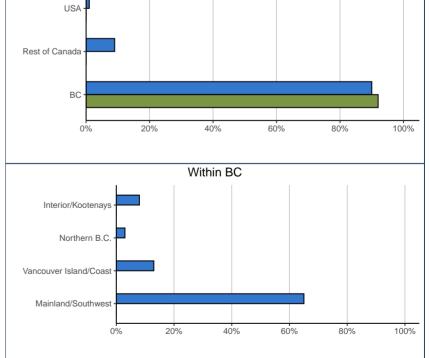


Age (at time of survey):	14.1401		SYSTEM	
< 25	0	0%	1,496	16%
25 to 29	~	~	5,860	62%
30 to 34	~	~	1,035	11%
35 to 39	~	~	421	4%
40 to 49	0	0%	397	4%
50 to 64	0	0%	186	2%
> 64	0	0%	22	0%
Total	15	100%	9,417	100%
Median Age	27		26	
Average (mean) Age	28		28	



Place of Residence

Place of Residence (at time of survey):	14.1401		SYSTEM	
BC - Mainland/Southwest	~ ~		5,472	65%
BC - Vancouver Island/Coast	0	0%	1,112	13%
BC – Northern B.C.	~	~	270	3%
BC – Interior/Kootenays	~	~	672	8%
BC Subtotal	12	92%	7,526	90%
Canada – Alberta	~	~	343	4%
Canada – Ontario	0	0%	280	3%
Canada – Other	0	0%	176	2%
U.S.A.	0	0%	80	1%
Non-BC Subtotal	~	~	879	10%
Total	~	~	8,405	100%





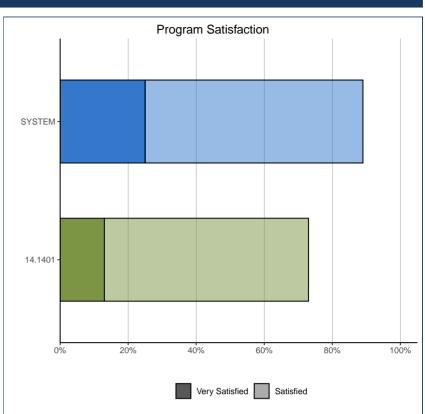


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.1401		SYSTEM	
Very Satisfied	2	13%	2,332	25%
Satisfied	9	60%	5,914	64%
Dissatisfied	3	20%	831	9%
Very Dissatisfied	1	7%	188	2%
Total	15	100%	9,265	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.	14.1401		TEM
Very Useful	3	20%	3,011	38%
Somewhat Useful	10	67%	3,664	47%
Not Very Useful	2	13%	886	11%
Not at All Useful	0	0%	283	4%
Total	15	100%	7,844	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.	14.1401		SYSTEM		
Yes	0	0%	902	10%		
No	15	100%	8,298	90%		



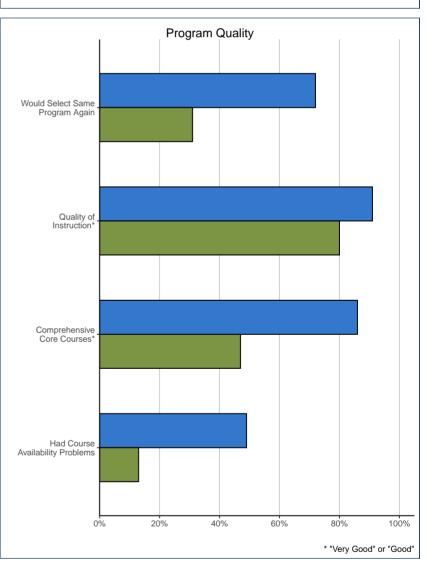
Would select the same program again:	14.1401		SYSTEM	
Yes	4	31%	5,963	72%
No	9	69%	2,334	28%

Quality of Instruction:	14.1	1401	SYSTEM	
Very Good	0	0%	2,498	27%
Good	12	80%	6,007	64%
Poor	2	13%	685	7%
Very Poor	1	7%	131	1%
Total	15	100%	9.321	100%

Comprehensiveness of Core Courses:	14.1	1401	SYSTEM	
Very Good	1	7%	2,303	25%
Good	6	40%	5,649	61%
Poor	8	53%	1,073	12%
Very Poor	0	0%	172	2%
Total	15	100%	9,197	100%

Course Availability:	14.1401		SYSTEM	
Encountered course availability problems	2	13%	4,485	49%

Financial Constraints:	14.1401		SYS	TEM
Had to interrupt studies for financial reasons	1	7%	987	11%
Had to take program part-time for financial reasons	1	7%	1,629	18%



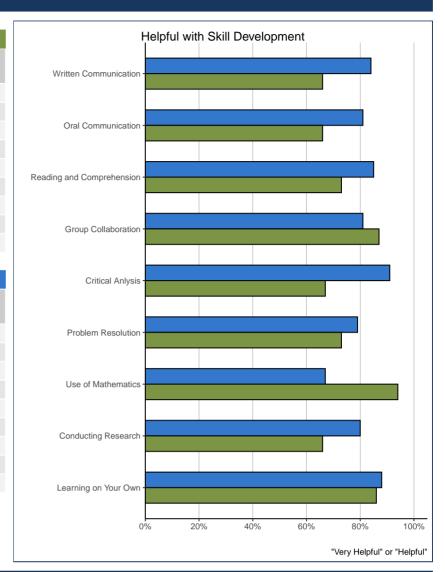




SKILL DEVELOPMENT

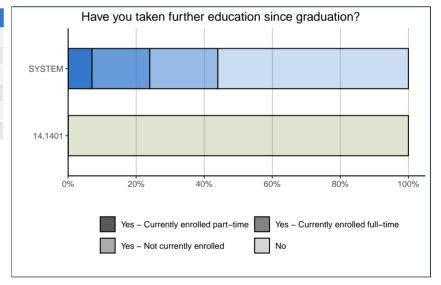
			14.1401		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	13%	53%	27%	7%	15
Oral Communication	13%	53%	27%	7%	15
Reading and Comprehension	13%	60%	20%	7%	15
Group Collaboration	47%	40%	13%	0%	15
Critical Anlysis	27%	40%	20%	13%	15
Problem Resolution	20%	53%	27%	0%	15
Use of Mathematics	7%	87%	0%	7%	15
Conducting Research	13%	53%	20%	13%	15
Learning on Your Own	53%	33%	7%	7%	15

			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

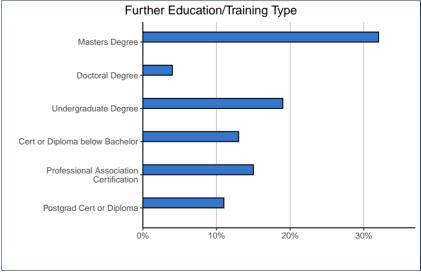


FURTHER EDUCATION

Took further education since 2020 graduation:	14.1401		SYS	TEM
Yes	0	0%	4,119	44%
Not currently enrolled	0	0%	1,831	20%
Currently enrolled full-time	0	0%	1,602	17%
Currently enrolled part-time	0	0%	637	7%
No	15	100%	5,244	56%
Total	15	100%	9,363	100%



Type of Formal Post–Secondary Education:	14.	14.1401		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	0	0%	527	13%
Professional Association Certification	0	0%	603	15%
Postgraduate Certificate or Diploma	0	0%	431	11%
Other	0	0%	236	6%
Total	0	0%	4,060	100%







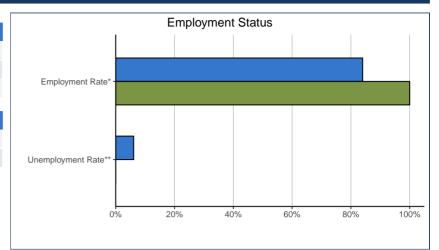
EMPLOYMENT

6.1%

Labour Fource Status:	14.1401		SYS	TEM		
In Labour Force (working or seeking work)	15	100%	8,412	91%		
Not in Labour Force	0	0%	857	9%		
Total	15	100%	9,269	100%		
Employment:	14.1401		14.1401		SYS	TEM
Employment Rate*	15	100%	7,900	84%		



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

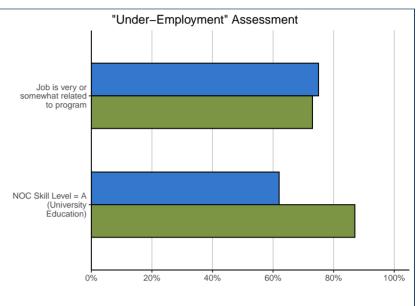


Status of Graduates NOT in Labour Force:	14.1401		SYSTEM	
Attending School FT	0	0%	597	70%
Attending School PT	0	0%	23	3%
Other	0	0%	237	28%
Total NOT in Labour Force	0	0%	857	100%

Primary Employment Type:	14.1401		SYS	TEM
Paid worker	15	100%	7,394	94%
Self-employed	0	0%	493	6%
Total	15	100%	7,887	100%

Job Characteristics:	14.1401		SYS	TEM
I hold more than one job*	0	0%	1,463	19%
My main job is full-time (>= 30 hours per week)**	15	100%	6,655	89%

^{*}Of total Employed



How related is your main job to your program?	14.1401		SYSTEM	
Very Related	2	13%	3,386	43%
Somewhat Related	9	60%	2,530	32%
Not Very Related	3	20%	1,013	13%
Not at All Related	1	7%	954	12%
Total	15	100%	7,883	100%

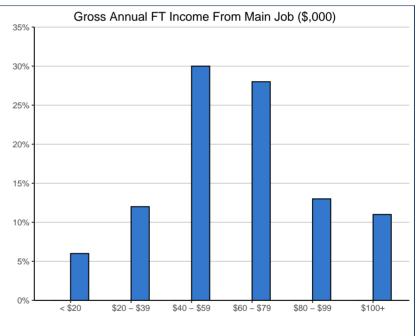
"Under-employment" Assessment:	14.1401		SYSTEM	
Job is very or somewhat related to program	11	73%	5,916	75%
NOC Skill Level = A (University Education)*	13	87%	4,631	62%

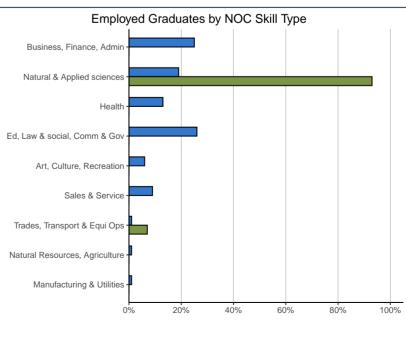
^{*}Of total valid responses

Gross Annual Income from Main Job:*	14.1401		SYSTEM	
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	0	0%	659	11%
Total	13	100%	5,957	100%
Median Annual Income (full-time) (\$)	67,000		63,000	
Average Annual Income (full-time) (\$)	67,506		70,455	

^{*}Where data provided

NOC Skill Type of Main Job:	14.1401		SYSTEM	
Business, finance & administration	0	0%	1,844	25%
Natural & applied sciences & related	14	93%	1,422	19%
Health		0%	933	13%
Education, law and social, community & government	0	0%	1,946	26%
Art, culture, recreation & sport	0	0%	438	6%
Sales & service	0	0%	658	9%
Trades, transport & equipment operators & related	1	7%	104	1%
Natural resources, agriculture & related production	0	0%	42	1%
Manufacturing & utilities	0	0%	39	1%
Total	15	100%	7,426	100%





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

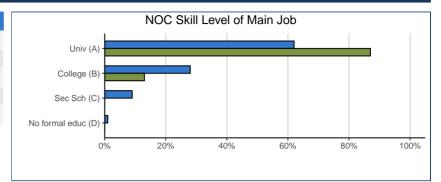
^{**}Of those who provided data on hours/week worked





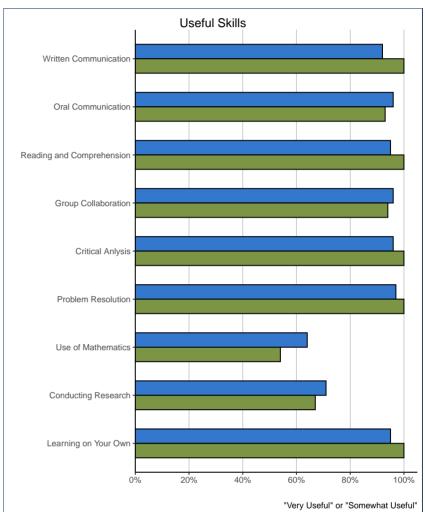
EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.1401		SYSTEM	
A. University education	13	87%	4,631	62%
B. College education/trade apprenticeship	2	13%	2,082	28%
C. Secondary school + job-specific training	0	0%	647	9%
D. No formal education	0	0%	86	1%
Total	15	100%	7,446	100%



	14.1401				
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	73%	27%	0%	0%	15
Oral Communication	80%	13%	7%	0%	15
Reading and Comprehension	73%	27%	0%	0%	15
Group Collaboration	67%	27%	7%	0%	15
Critical Anlysis	73%	27%	0%	0%	15
Problem Resolution	80%	20%	0%	0%	15
Use of Mathematics	27%	27%	47%	0%	15
Conducting Research	20%	47%	33%	0%	15
Learning on Your Own	60%	40%	0%	0%	15

		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-1	time Occupations of 14.1401	Graduates:	14.1401
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2131	A	Civil engineers	87%
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^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed

Top 10 Full-tir	Top 10 Full-time Occupations of SYSTEM Graduates:		
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	Α	Software engineers and designers	3%
4032	Α	Elementary school and kindergarten teachers	3%
1123	Α	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%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed





EDUCATION FINANCING

Funding Sources (3 sources allowed):*		1401	SYSTEM		
Personal savings, investments	3	3 20%		31%	
Employment while studying		53%	4,716	51%	
Family/Friends		47%	5,423	59%	
Personal bank loans	1	7%	600	7%	
Government student loans	8	53%	3,008	33%	
Scholarships/Bursaries/Grants	5	33%	2,803	31%	
Other	7	47%	1,997	22%	
Total	15		9,180		

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	14.1401		SYSTEM	
Incurred any form of financial debt	10	67%	4,031	44%
Incurred government-sponsored student loan debt	8	53%	3,331	36%

^{*} Percentage of respondents who provided data



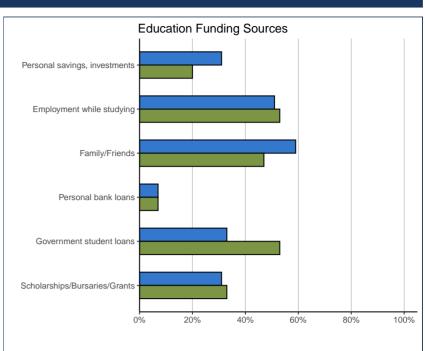
^{*} Includes only cases where financial debt was incurred

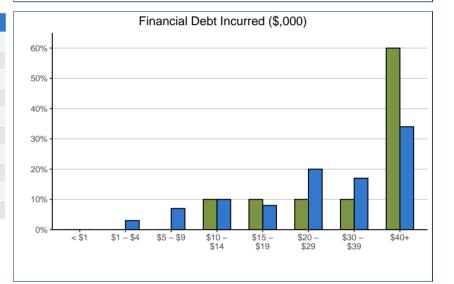


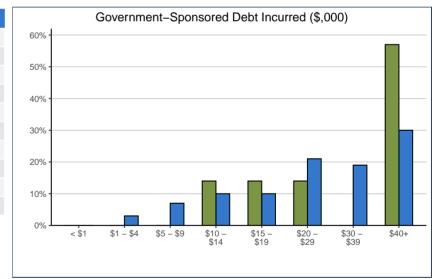
^{*} Includes only cases where government-sponsored debt was incurred

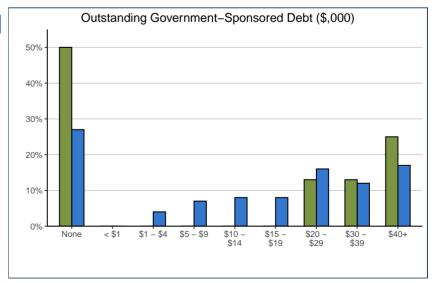


^{*} Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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