

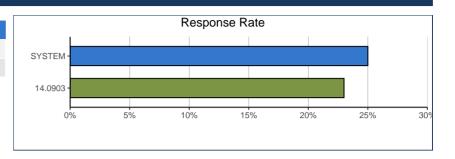
B.C. Baccalaureate Outcomes 2024 Survey of 2022 Baccalaureate Graduates

SYSTEM 14.0903

Detailed Summary of Survey Results
All Institutions
14.0903: Computer software engineering

RESPONSE RATE

Survey Response Rate:	14.0903		SYSTEM	
Baccalaureate Graduates Survey Cohort	95	100%	24,572	100%
Survey Respondents and Response Rate	22	23%	6,200	25%

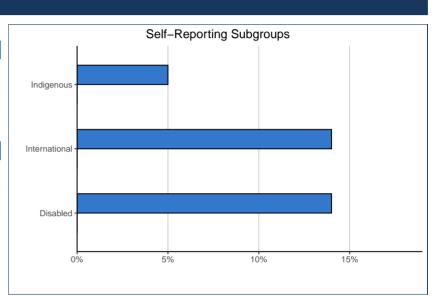


DEMOGRAPHIC INFORMATION

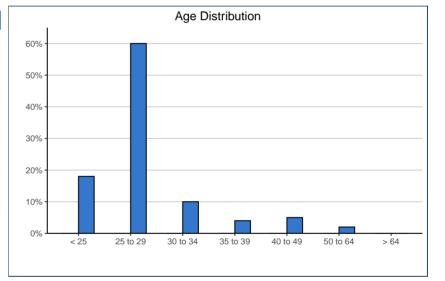
Self-Reporting Subgroups:	14.0903		SYSTEM	
Disabled	~	~	851	14%
International	~	~	878	14%
Indigenous	~	~	264	5%

Gender:*	14.0903		SYSTEM	
Man/Boy	~	~	2,656	43%
Woman/Girl	~	~	3,527	57%
Total	22	100%	6,183	100%

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

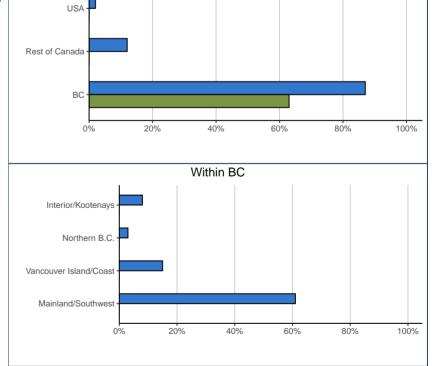


Age (at time of survey):	14.0903		SYSTEM	
< 25	~	~	1,133	18%
25 to 29	~	~	3,740	60%
30 to 34	~	~	617	10%
35 to 39	0	0%	271	4%
40 to 49	~	~	279	5%
50 to 64	0	0%	129	2%
> 64	0	0%	17	0%
Total	22	100%	6,186	100%
Median Age	26		26	
Average (mean) Age	27		28	

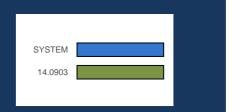


Place of Residence

Place of Residence (at time of survey):	14.0903		SYSTEM	
BC – Mainland/Southwest	~ ~		3,405	61%
BC – Vancouver Island/Coast	~	~	809	15%
BC – Northern B.C.	0	0%	160	3%
BC – Interior/Kootenays	~	~	459	8%
BC Subtotal	12	63%	4,833	87%
Canada – Alberta	~	~	266	5%
Canada – Ontario	0	0%	212	4%
Canada – Other	0	0%	139	3%
U.S.A.	~	~	100	2%
Non-BC Subtotal	7	37%	717	13%
Total	19	100%	5,550	100%





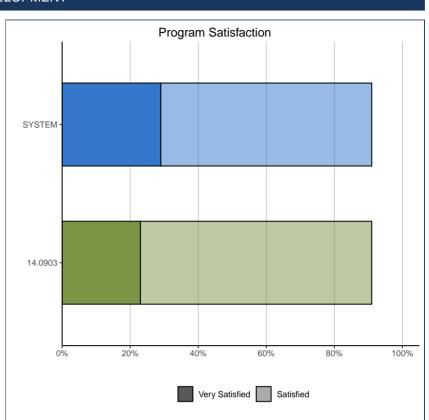


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.0903		SYS	TEM
Very Satisfied	5	23%	1,771	29%
Satisfied	15	68%	3,775	62%
Dissatisfied	2	9%	469	8%
Very Dissatisfied	0	0%	110	2%
Total	22	100%	6,125	100%

14.0903		SYSTEM	
12	55%	1,989	40%
8	36%	2,266	46%
2	9%	531	11%
0	0%	158	3%
22	100%	4,944	100%
	8 2 0	8 36% 2 9% 0 0%	8 36% 2,266 2 9% 531 0 0% 158

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.	14.0903		SYSTEM	
Yes	1	5%	515	9%	
No	20	95%	5,527	91%	



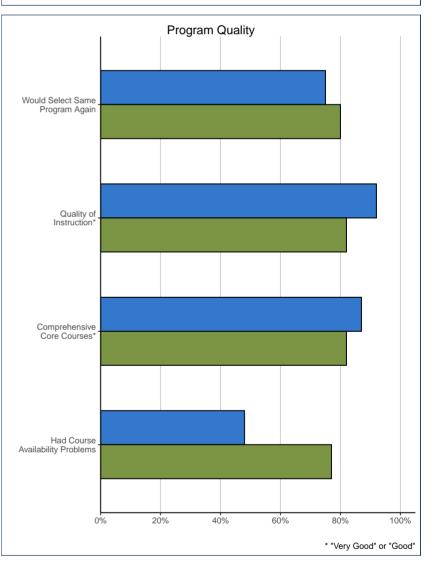
Would select the same program again:	14.0903		SYSTEM	
Yes	16	80%	4,137	75%
No	4	20%	1,363	25%

Quality of Instruction:	14.0903		SYSTEM	
Very Good	3	14%	1,727	28%
Good	15	68%	3,934	64%
Poor	4	18%	402	7%
Very Poor	0	0%	77	1%
Total	22	100%	6,140	100%

Comprehensiveness of Core Courses:	14.	14.0903		SYSTEM	
Very Good	3	14%	1,667	27%	
Good	15	68%	3,645	60%	
Poor	3	14%	649	11%	
Very Poor	1	5%	115	2%	
Total	22	100%	6.076	100%	

Course Availability:	14.0	14.0903		SYSTEM	
Encountered course availability problems	17	77%	2.918	48%	

Financial Constraints:	14.0903		SYSTEM	
Had to interrupt studies for financial reasons	3	14%	565	9%
Had to take program part-time for financial reasons	5	23%	955	16%



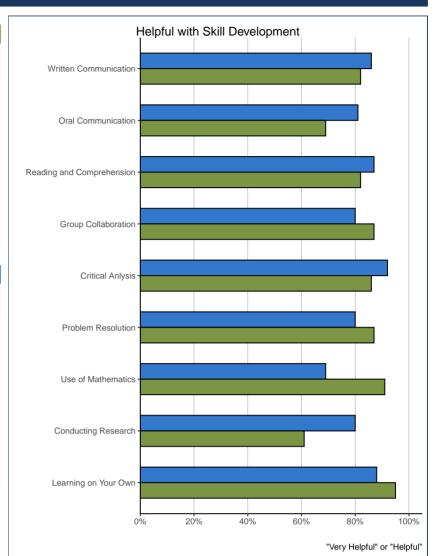




SKILL DEVELOPMENT

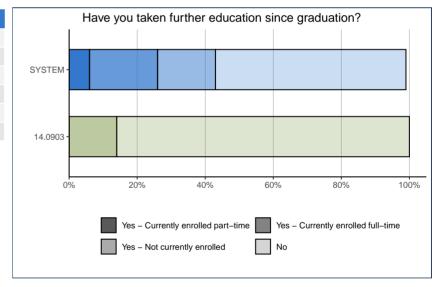
	14.0903				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	14%	68%	18%	0%	22
Oral Communication	14%	55%	32%	0%	22
Reading and Comprehension	18%	64%	18%	0%	22
Group Collaboration	55%	32%	5%	9%	22
Critical Anlysis	50%	36%	14%	0%	22
Problem Resolution	23%	64%	14%	0%	22
Use of Mathematics	36%	55%	9%	0%	22
Conducting Research	17%	44%	39%	0%	18
Learning on Your Own	45%	50%	5%	0%	22

	SYSTEM				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	29%	57%	13%	2%	6,011
Oral Communication	25%	56%	16%	2%	6,039
Reading and Comprehension	32%	55%	12%	1%	6,026
Group Collaboration	30%	50%	17%	4%	6,055
Critical Anlysis	43%	49%	7%	2%	6,142
Problem Resolution	25%	55%	18%	3%	5,966
Use of Mathematics	22%	47%	24%	7%	4,674
Conducting Research	32%	48%	17%	3%	5,806
Learning on Your Own	39%	49%	9%	2%	6,059

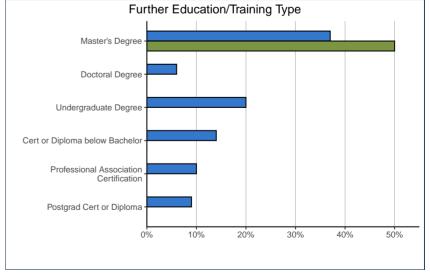


FURTHER EDUCATION

Took further education since 2022 graduation:	14.0903		SYSTEM	
Yes	3	14%	2,708	44%
Not currently enrolled	3	14%	1,069	17%
Currently enrolled full-time	0	0%	1,219	20%
Currently enrolled part-time	0	0%	389	6%
No	19	86%	3,459	56%
Total	22	100%	6,167	100%



Type of Formal Post–Secondary Education:	14.	14.0903		TEM
Master's Degree	1	50%	979	37%
Doctoral Degree	0	0%	155	6%
Another Undergraduate Degree	0	0%	543	20%
Certificate or Diploma below Bachelor Level	0	0%	374	14%
Professional Association Certification	0	0%	274	10%
Postgraduate Certificate or Diploma	0	0%	238	9%
Other	1	50%	119	4%
Total	2	100%	2,682	100%



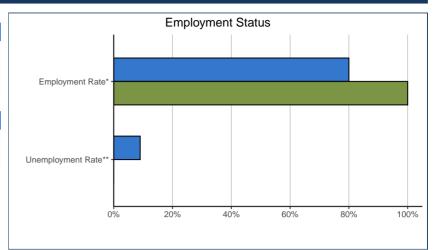


EMPLOYMENT

Labour Fource Status:	14.0903		SYSTEM	
In Labour Force (working or seeking work)	22	100%	5,472	90%
Not in Labour Force	0	0%	613	10%
Total	22	100%	6,085	100%
Employment:	14.0903		SYSTEM	



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

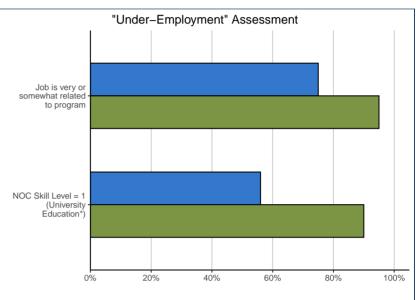


Status of Graduates NOT in Labour Force:	14.0903		SYSTEM	
Attending School FT	0	0%	446	73%
Attending School PT	0	0%	19	3%
Other	0	0%	148	24%
Total NOT in Labour Force	0	0%	613	100%

Primary Employment Type:	14.0903		SYSTEM	
Paid Worker	21	95%	4,678	94%
Self-Employed	1	5%	296	6%
Total	22	100%	4,974	100%

Job Characteristics:	14.0903		SYSTEM	
I hold more than one job*	1	5%	941	19%
My main job is full-time (>= 30 hours per week)**	22	100%	4,109	87%

^{*}Of total employed



How related is your main job to your program?	14.0903		SYSTEM	
Very Related	17	77%	2,190	44%
Somewhat Related	4	18%	1,532	31%
Not Very Related	1	5%	579	12%
Not at All Related	0	0%	668	13%
Total	22	100%	4,969	100%

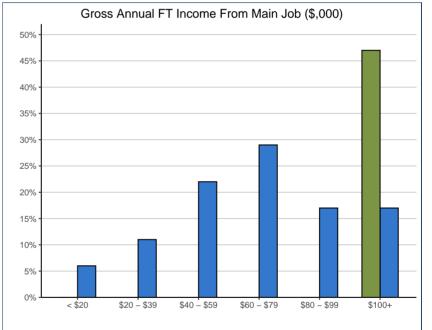
"Under-Employment" Assessment:	14.0903		SYSTEM	
Job is very or somewhat related to program	21	95%	3,722	75%
NOC Skill Level = 1 (University Education)*	19	90%	2,648	56%

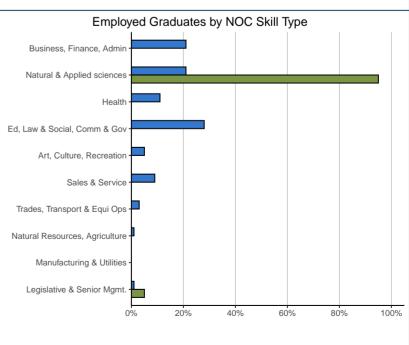
*Of total valid re	esponses; NOC	2021	(TEER)
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Gross Annual Income from Main Job:*		14.0903		SYSTEM	
Less than \$20,000		0	0%	208	6%
\$20,000 to \$39,999		0	0%	406	11%
\$40,000 to \$59,999		0	0%	818	22%
\$60,000 to \$79,999		~	~	1,081	29%
\$80,000 to \$99,999		~	~	627	17%
\$100,000 and Above		8	47%	623	17%
Total		17	100%	3,763	100%
Median Annual Income (full-time) (\$)		95,000		71,127	
Average Annual Income (full-time) (\$)		113,082		78,771	
*10/1					

*Where data provided

·					
NOC Skill Type of Main Job (NOC 2021):	14.0	14.0903		SYSTEM	
Legislative and senior management	1	5%	59	1%	
Business, finance & administration	0	0%	982	21%	
Natural & applied sciences & related	20	95%	966	21%	
Health	0	0%	527	11%	
Education, law and social, community & government	0	0%	1,323	28%	
Art, culture, recreation & sport	0	0%	239	5%	
Sales & service	0	0%	435	9%	
Trades, transport & equipment operators & related	0	0%	119	3%	
Natural resources, agriculture & related production	0	0%	34	1%	
Manufacturing & utilities	0	0%	19	0%	
Total	21	100%	4,703	100%	

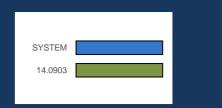




^{**}Percent = Total unemployed divided by total number in labour force

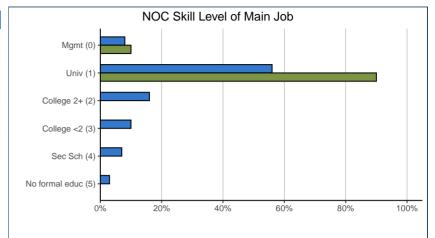
^{**}Of those who provided data on hours/week worked





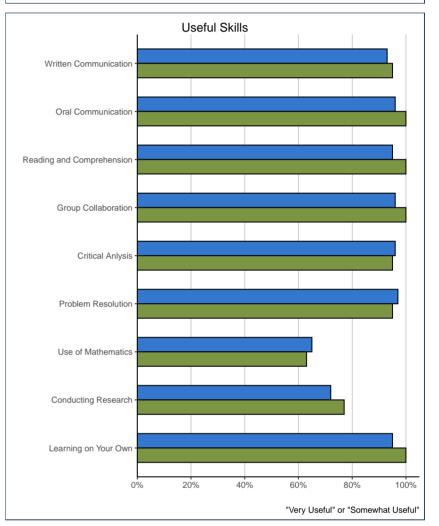
EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	14.	14.0903		SYSTEM	
0. Management	2	10%	382	8%	
1. University education	19	90%	2,648	56%	
2. College education/trade apprenticeship (2+ years)	0	0%	748	16%	
3. College education/trade apprenticeship (<2 years)	0	0%	476	10%	
4. Secondary school + job-specific training	0	0%	322	7%	
5. No formal education	0	0%	127	3%	
Total	21	100%	4,703	100%	



		14.0903			
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	59%	36%	5%	0%	22
Oral Communication	77%	23%	0%	0%	22
Reading and Comprehension	59%	41%	0%	0%	22
Group Collaboration	77%	23%	0%	0%	22
Critical Anlysis	86%	9%	5%	0%	22
Problem Resolution	77%	18%	5%	0%	22
Use of Mathematics	18%	45%	23%	14%	22
Conducting Research	32%	45%	18%	5%	22
Learning on Your Own	82%	18%	0%	0%	22

		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%	5%	2%	4,946
Oral Communication	77%	19%	3%	1%	4,956
Reading and Comprehension	73%	22%	3%	1%	4,946
Group Collaboration	78%	18%	2%	1%	4,952
Critical Anlysis	77%	19%	3%	1%	4,949
Problem Resolution	79%	18%	2%	1%	4,949
Use of Mathematics	30%	35%	22%	14%	4,790
Conducting Research	39%	33%	17%	11%	4,847
Learning on Your Own	69%	26%	3%	1%	4,942



Top 10 Full-Tin	Top 10 Full-Time Occupations of 14.0903 Graduates*:		14.0903
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
21231	1	Software engineers and designers	50%
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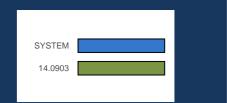
 $^{^{\}star}$ Data not displayed where n < 5; NOC 2021

^{**} Percentages cited are of those employed

Top 10 Full-Tim	Top 10 Full-Time Occupations of SYSTEM Graduates*:		SYSTEM
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
31301	1	Registered nurses and registered psychiatric nurses	5%
21231	1	Software engineers and designers	4%
XXXXX	X	Unclassified occupations	4%
41221	1	Elementary school and kindergarten teachers	3%
11202	1	Professional occupations in advertising, marketing and public relations	2%
11100	1	Financial auditors and accountants	2%
42201	2	Social and community service workers	2%
21232	1	Software developers and programmers	2%
13100	3	Administrative officers	2%
41220	1	Secondary school teachers	2%

 $^{^{\}star}$ Data not displayed where n < 5; NOC 2021

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.	14.0903		TEM
Personal savings, investments	6	6 27%		32%
Employment while studying	12	55%	3,012	50%
Family/Friends	16	73%	3,627	60%
Personal bank loans	1	5%	337	6%
Government student loans	7	32%	2,007	33%
Scholarships/Bursaries/Grants	7	32%	1,988	33%
Other	14	64%	1,362	22%
Total	22		6,073	

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	14.0903 SY		SYS	YSTEM	
Incurred any form of financial debt	8	36%	2,595	43%	
Incurred government-sponsored student loan debt	8	36%	2,232	36%	

^{*} Percentage of respondents who provided data



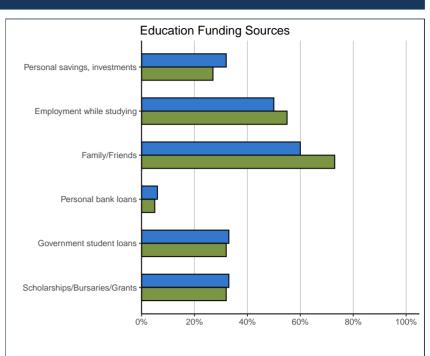
^{*} Includes only cases where financial debt was incurred

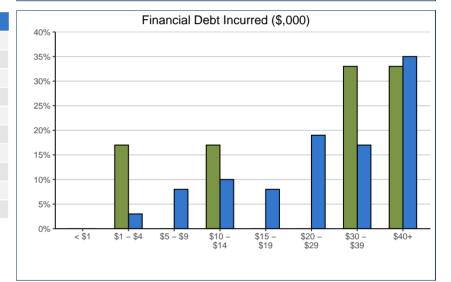


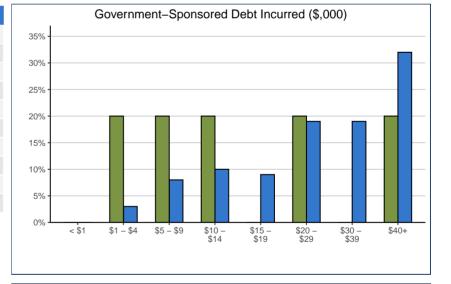
^{*} Includes only cases where government-sponsored debt was incurred

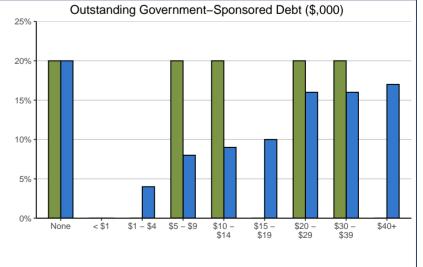


^{*} Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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