

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

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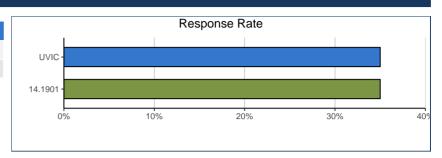
UVIC

14.1901

Detailed Summary of Survey Results
University of Victoria
14.1901: Mechanical engineering

### RESPONSE RATE

Survey Response Rate:	14.1901		UVIC	
Baccalaureate Graduates Survey Cohort	101	100%	3,286	100%
Survey Respondents and Response Rate	35	35%	1,158	35%

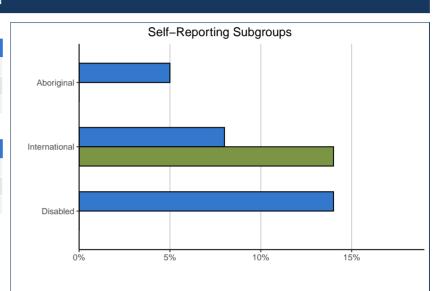


#### DEMOGRAPHIC INFORMATION

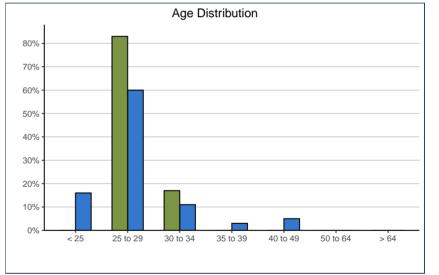
Self-Reporting Subgroups:	14.1901		UVIC	
Disabled	0	0%	152	14%
International	5	14%	94	8%
Aboriginal	0	0%	52	5%

Gender:*	14.1901		UVIC	
Male	30	86%	448	39%
Female	5	14%	710	61%
Total	35	100%	1,158	100%

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



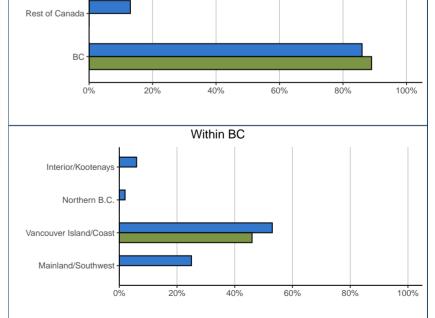
Age (at time of survey):	14.1901		UVIC	
< 25	0	0%	190	16%
25 to 29	29	83%	699	60%
30 to 34	6	17%	133	11%
35 to 39	0	0%	39	3%
40 to 49	0	0%	59	5%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	35	100%	1,158	100%
Median Age	26		26	
Average (mean) Age	27		29	



Place of Residence

USA

Place of Residence (at time of survey):	14.1901		UVIC	
BC – Mainland/Southwest	~	~	250	25%
BC – Vancouver Island/Coast	13	46%	532	53%
BC – Northern B.C.	~	~	22	2%
BC – Interior/Kootenays	~	~	60	6%
BC Subtotal	25	89%	864	86%
Canada – Alberta	0	0%	62	6%
Canada – Ontario	~	~	41	4%
Canada – Other	0	0%	35	3%
U.S.A.	~	~	7	1%
Non-BC Subtotal	~	~	145	14%
Total	28	100%	1,009	100%



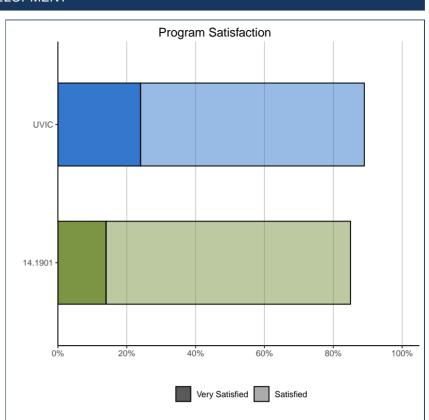


#### **EDUCATION EVALUATION AND SKILL DEVELOPMENT**

Program Satisfaction:	14.1901		UVIC	
Very Satisfied	5	14%	272	24%
Satisfied	25	71%	745	65%
Dissatisfied	4	11%	105	9%
Very Dissatisfied	1	3%	22	2%
Total	35	100%	1,144	100%

14.1901		UVIC	
11	37%	363	39%
13	43%	418	45%
3	10%	122	13%
3	10%	34	4%
30	100%	937	100%
	11 13 3 3	11 37% 13 43% 3 10% 3 10%	11     37%     363       13     43%     418       3     10%     122       3     10%     34

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.1	14.1901		UVIC	
Yes	3	9%	102	9%	
No	31	91%	1.030	91%	



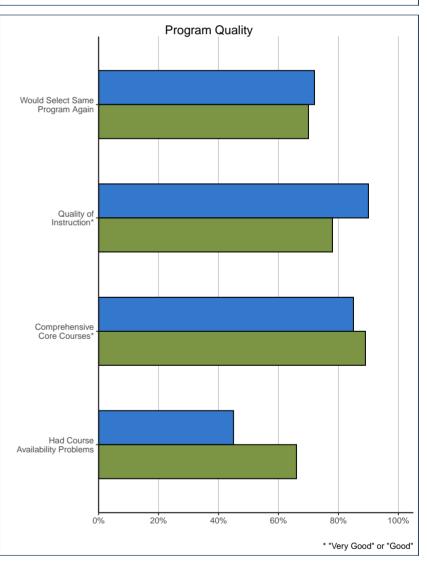
Would select the same program again:	14.1901		UVIC	
Yes	23	70%	738	72%
No	10	30%	282	28%

Quality of Instruction:	14.1901		UVIC	
Very Good	3	9%	298	26%
Good	24	69%	741	64%
Poor	7	20%	95	8%
Very Poor	1	3%	19	2%
Total	35	100%	1.153	100%

Comprehensiveness of Core Courses:	14.	14.1901		UVIC	
Very Good	3	9%	253	22%	
Good	28	80%	717	63%	
Poor	4	11%	153	13%	
Very Poor	0	0%	18	2%	
Total	35	100%	1.141	100%	

Course Availability:	14.1901		UVIC	
Encountered course availability problems	23	66%	503	45%

Financial Constraints:	14.1901		U\	/IC
Had to interrupt studies for financial reasons	4	12%	130	11%
Had to take program part-time for financial reasons	5	15%	219	19%

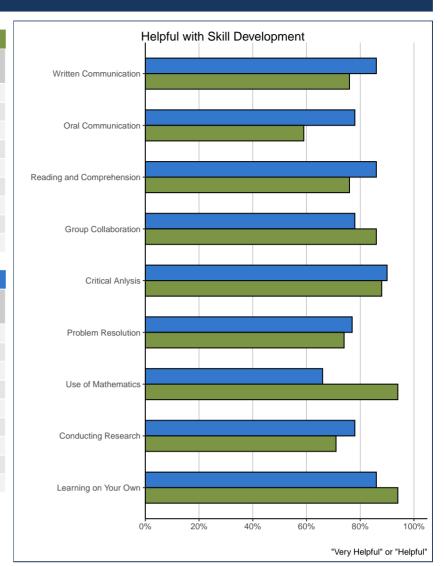




#### SKILL DEVELOPMENT

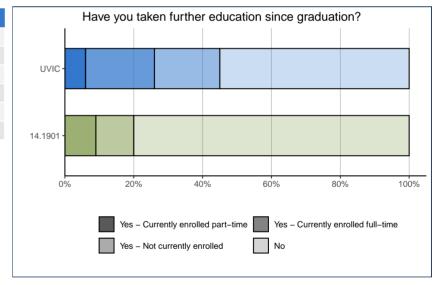
			14.1901		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	13%	63%	19%	6%	32
Oral Communication	6%	53%	35%	6%	34
Reading and Comprehension	13%	63%	22%	3%	32
Group Collaboration	20%	66%	11%	3%	35
Critical Anlysis	35%	53%	9%	3%	34
Problem Resolution	20%	54%	20%	6%	35
Use of Mathematics	54%	40%	6%	0%	35
Conducting Research	17%	54%	29%	0%	35
Learning on Your Own	40%	54%	3%	3%	35

			UVIC		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	28%	58%	13%	2%	1,123
Oral Communication	24%	54%	19%	3%	1,130
Reading and Comprehension	30%	56%	13%	1%	1,134
Group Collaboration	25%	53%	19%	4%	1,132
Critical Anlysis	42%	48%	8%	2%	1,153
Problem Resolution	22%	55%	19%	4%	1,123
Use of Mathematics	22%	44%	24%	10%	843
Conducting Research	29%	49%	18%	4%	1,101
Learning on Your Own	38%	48%	11%	2%	1,136

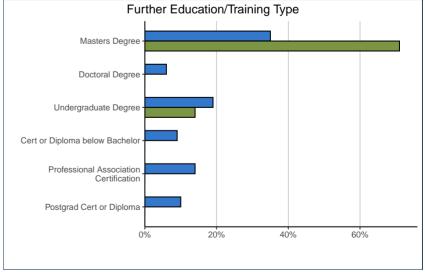


#### **FURTHER EDUCATION**

Took further education since 2020 graduation:	14.1901		UVIC	
Yes	7	20%	515	45%
Not currently enrolled	4	11%	215	19%
Currently enrolled full-time	3	9%	227	20%
Currently enrolled part-time	0	0%	69	6%
No	28	80%	634	55%
Total	35	100%	1,149	100%



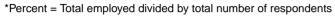
Type of Formal Post–Secondary Education:	14.	14.1901		/IC
Masters Degree	5	71%	180	35%
Doctoral Degree	0	0%	28	6%
Another Undergraduate Degree	1	14%	98	19%
Certificate or Diploma below Bachelor level	0	0%	47	9%
Professional Association Certification	0	0%	71	14%
Postgraduate Certificate or Diploma	0	0%	53	10%
Other	1	14%	31	6%
Total	7	100%	508	100%



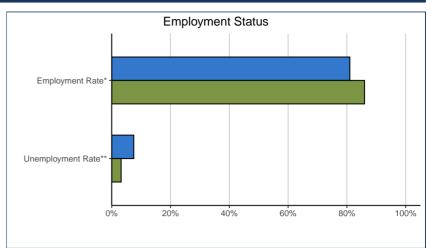


#### **EMPLOYMENT**

Labour Fource Status:	14.1901		UVIC	
In Labour Force (working or seeking work)	31	89%	1,016	90%
Not in Labour Force	4	11%	116	10%
Total	35	100%	1,132	100%
Employment:	14.	1901	01 UVIC	
Employment Rate*	30	86%	940	81%
Unemployment Rate**	1	3.2%	76	7.5%



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

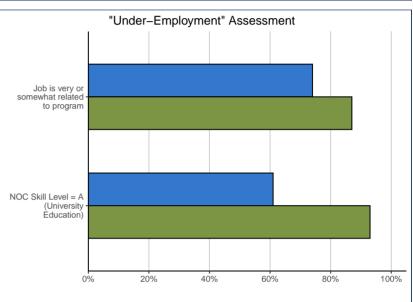


Status of Graduates NOT in Labour Force:	14.1901		UVIC	
Attending School FT	3	75%	87	75%
Attending School PT	0	0%	3	3%
Other	1	25%	26	22%
Total NOT in Labour Force	4	100%	116	100%

Primary Employment Type:	14.1901		U\	/IC
Paid worker	29	97%	886	94%
Self-employed	1	3%	53	6%
Total	30	100%	939	100%

Job Characteristics:	14.1901		U	/IC
I hold more than one job*	3	10%	196	21%
My main job is full-time (>= 30 hours per week)**	30	100%	781	87%

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



How related is your main job to your program?	14.1901		UVIC	
Very Related	12	40%	393	42%
Somewhat Related	14	47%	297	32%
Not Very Related	3	10%	126	13%
Not at All Related	1	3%	122	13%
Total	30	100%	938	100%

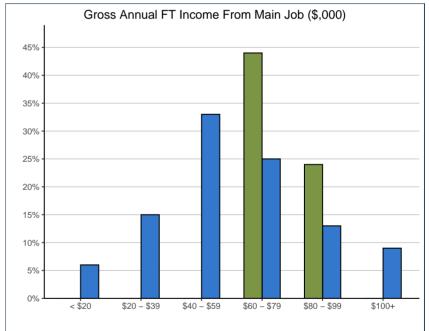
"Under-employment" Assessment:	14.1901		UVIC	
Job is very or somewhat related to program	26	87%	690	74%
NOC Skill Level = A (University Education)*	27	93%	547	61%

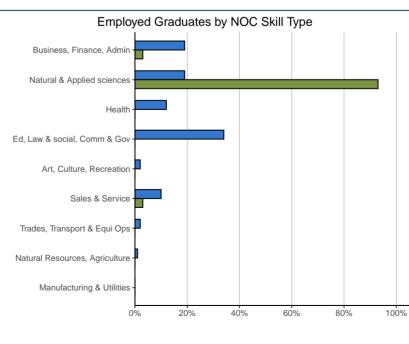
<sup>\*</sup>Of total valid responses

Gross Annual Income from Main Job:*	14.	14.1901		/IC
Less than \$20,000	0	0%	46	6%
\$20,000 to \$39,999	~	~	111	15%
\$40,000 to \$59,999	~	~	251	33%
\$60,000 to \$79,999	11	44%	187	25%
\$80,000 to \$99,999	6	24%	95	13%
\$100,000 and Above	~	~	69	9%
Total	25	100%	759	100%
Median Annual Income (full-time) (\$)	74,000		60,000	
Average Annual Income (full-time) (\$)	76,119		66,211	
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<sup>\*</sup>Where data provided

NOC Skill Type of Main Job:	14	14.1901		VIC
Business, finance & administration	1	3%	174	19%
Natural & applied sciences & related	27	93%	170	19%
Health	0	0%	107	12%
Education, law and social, community & government	0	0%	306	34%
Art, culture, recreation & sport	0	0%	21	2%
Sales & service	1	3%	92	10%
Trades, transport & equipment operators & related	0	0%	17	2%
Natural resources, agriculture & related production	0	0%	7	1%
Manufacturing & utilities	0	0%	4	0%
Total	29	100%	898	100%





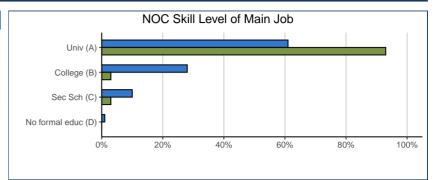
<sup>\*\*</sup>Of those who provided data on hours/week worked





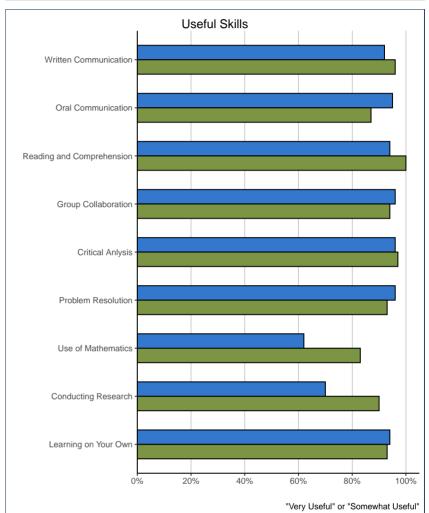
### EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.1901		UVIC	
A. University education		93%	547	61%
B. College education/trade apprenticeship	1	3%	251	28%
C. Secondary school + job-specific training	1	3%	91	10%
D. No formal education	0	0%	13	1%
Total	29	100%	902	100%



	14.1901				
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%	23%	3%	0%	30
Oral Communication	60%	27%	7%	7%	30
Reading and Comprehension	70%	30%	0%	0%	30
Group Collaboration	77%	17%	0%	7%	30
Critical Anlysis	80%	17%	0%	3%	30
Problem Resolution	80%	13%	3%	3%	30
Use of Mathematics	23%	60%	13%	3%	30
Conducting Research	40%	50%	7%	3%	30
Learning on Your Own	60%	33%	3%	3%	30

	UVIC				
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	70%	22%	5%	4%	936
Oral Communication	76%	19%	4%	1%	937
Reading and Comprehension	72%	22%	4%	2%	935
Group Collaboration	78%	18%	3%	1%	934
Critical Anlysis	77%	19%	3%	1%	934
Problem Resolution	80%	16%	2%	1%	935
Use of Mathematics	26%	36%	23%	15%	904
Conducting Research	39%	31%	18%	12%	923
Learning on Your Own	68%	26%	4%	2%	931



Top 10 Full-tir	me Occupations of 14.1901	Graduates:	14.1901
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2132	A	Mechanical engineers	73%
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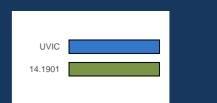
<sup>\*</sup> Data not displayed where n < 5

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

Top 10 Full-time Occupations of UVIC Graduates:			UVIC
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	A	Registered nurses and registered psychiatric nurses	7%
4212	В	Social and community service workers	5%
4112	Α	Lawyers and Quebec notaries	3%
4032	Α	Elementary school and kindergarten teachers	3%
2132	Α	Mechanical engineers	3%
2174	Α	Computer programmers and interactive media developers	3%
XXXX	0	Unclassified occupations	2%
1123	Α	Professional occupations in advertising, marketing and public relations	2%
4152	Α	Social workers	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):*	14.1901		UVIC	
Personal savings, investments		35%	354	31%
Employment while studying		41%	602	52%
Family/Friends	21	62%	681	59%
Personal bank loans	2	6%	78	7%
Government student loans	11	32%	438	38%
Scholarships/Bursaries/Grants	7	21%	381	33%
Other	24	71%	292	25%
Total	34		1,148	

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

Financial Debt Incurred to Finance Bac. Ed.:*	14.1901		UVIC	
Incurred any form of financial debt	15	44%	545	48%
Incurred government-sponsored student loan debt	13	38%	479	42%

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



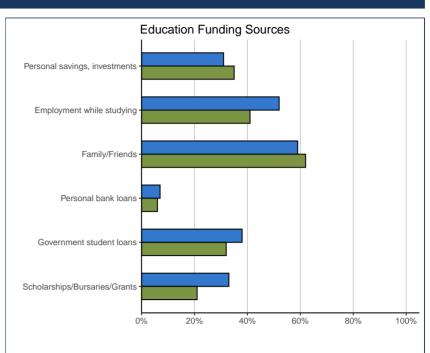
<sup>\*</sup> Includes only cases where financial debt was incurred

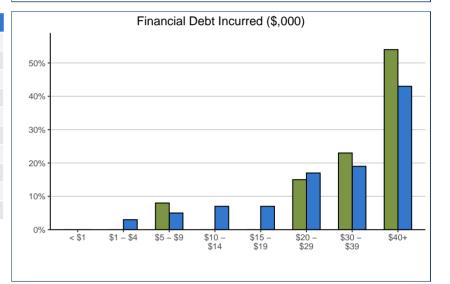


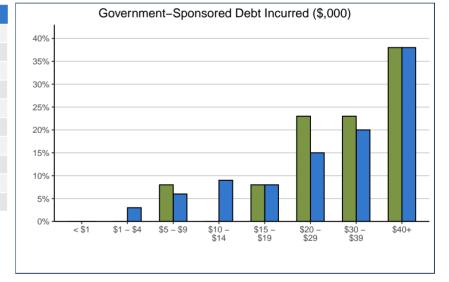
<sup>\*</sup> Includes only cases where government-sponsored debt was incurred

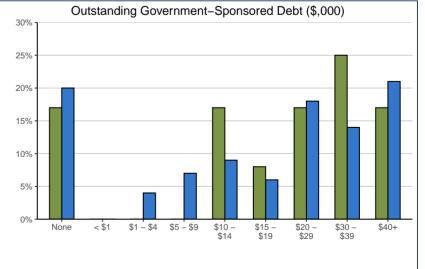


<sup>\*</sup> Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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