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

Detailed Summary of Survey Results
University of Victoria
14.0501: Bioengineering and biomedical engineering

|	
UVIC	▬
14.0501	▬

RESPONSE RATE

Survey Response Rate:	14.0501		UVIC	
Baccalaureate Graduates Survey Cohort	24	100%	3,377	100%
Survey Respondents and Response Rate	13	54%	1,145	34%

Response Rate
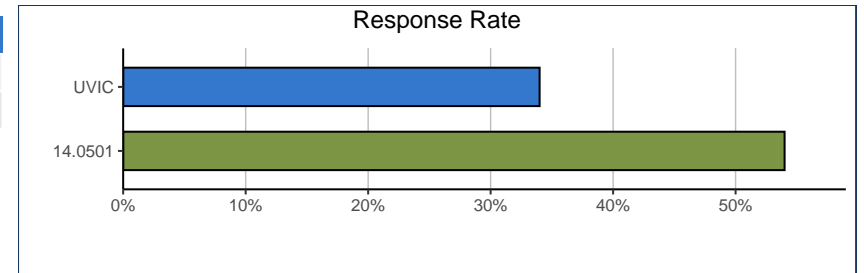
DEMOGRAPHIC INFORMATION

Self–Reporting Subgroups:	14.0501		UVIC	
Disabled	~	~	194	18%
International	0	0%	122	11%
Aboriginal	0	0%	58	6%
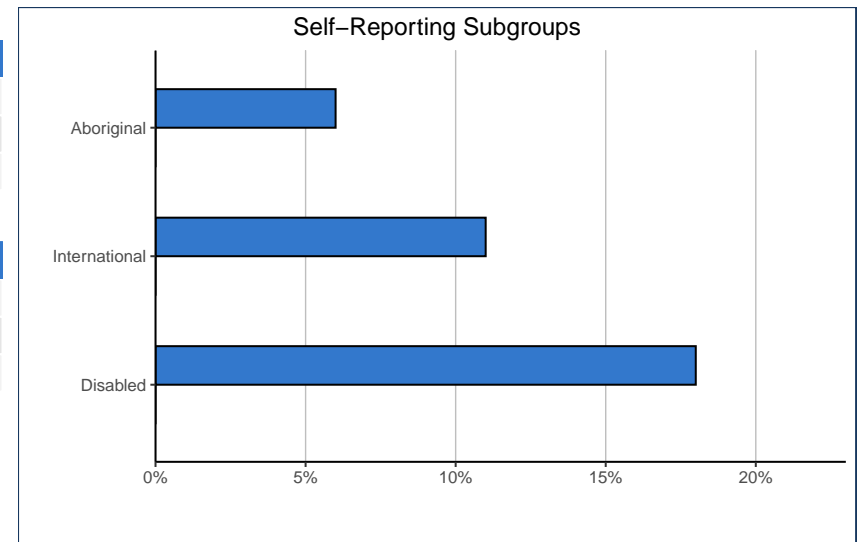
Gender:*	14.0501		UVIC	
Male	~	~	477	42%
Female	~	~	668	58%
Total	13	100%	1,145	100%

*Due to zero or low counts, institution–reported "Non–binary" demographic data are not included.

Self–Reporting Subgroups

Age (at time of survey):	14.0501		UVIC	
< 25	~	~	194	17%
25 to 29	~	~	680	59%
30 to 34	~	~	133	12%
35 to 39	0	0%	59	5%
40 to 49	0	0%	57	5%
50 to 64	0	0%	16	1%
> 64	0	0%	6	1%
Total	13	100%	1,145	100%
Median Age	26		26	
Average (mean) Age	26		28	

Age Distribution
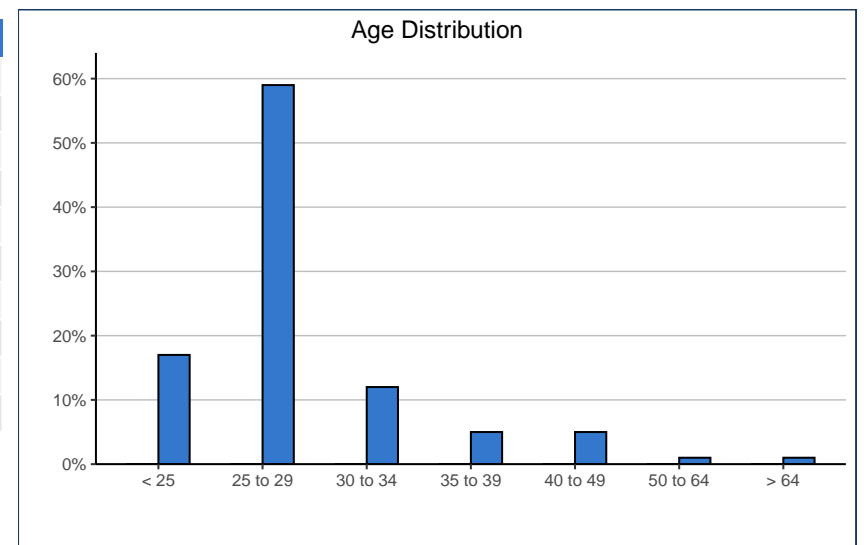
Place of Residence (at time of survey):	14.0501		UVIC	
BC – Mainland/Southwest	~	~	252	25%
BC – Vancouver Island/Coast	5	42%	529	53%
BC – Northern B.C.	0	0%	18	2%
BC – Interior/Kootenays	~	~	59	6%
BC Subtotal	10	83%	858	85%
Canada – Alberta	~	~	67	7%
Canada – Ontario	0	0%	34	3%
Canada – Other	~	~	40	4%
U.S.A.	0	0%	7	1%
Non–BC Subtotal	~	~	148	15%
Total	~	~	1,006	100%

Place of Residence

Within BC

✅ BC Student 🗹 Outcomes

Detailed Summary of Survey Results
University of Victoria
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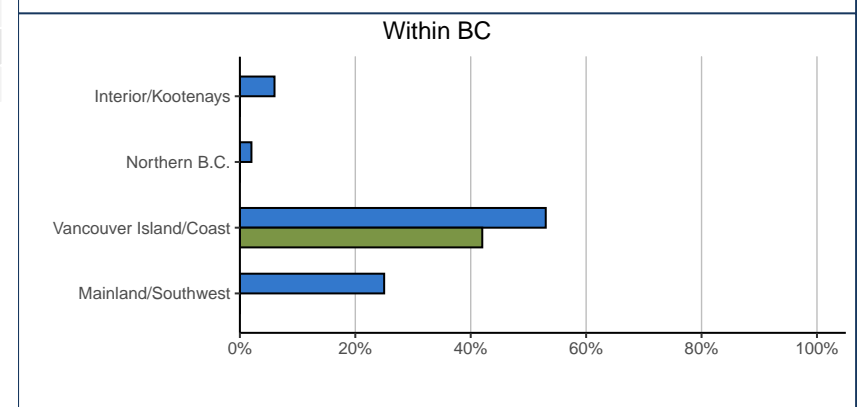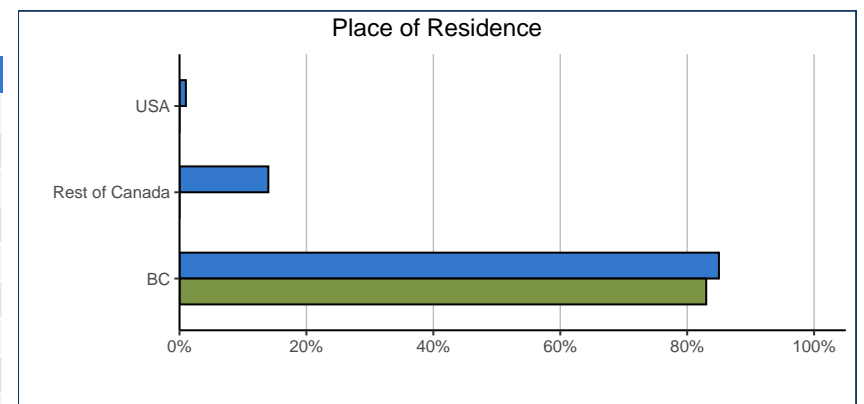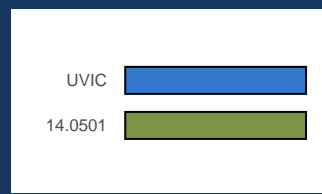
UVIC
14.0501

EDUCATION EVALUATION AND SKILL DEVELOPMENT

| Program Satisfaction:	14.0501		UVIC	
Very Satisfied	1	8%	290	26%
Satisfied	8	62%	711	63%
Dissatisfied	3	23%	112	10%
Very Dissatisfied	1	8%	21	2%
Total	13	100%	1,134	100%
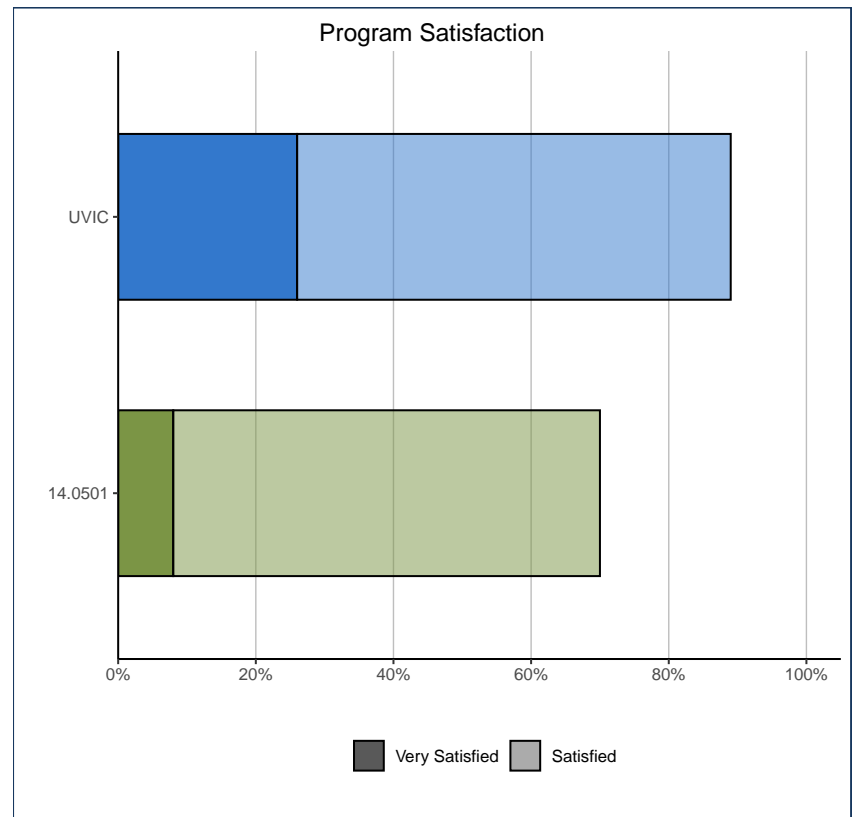
Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.0501		UVIC	
Very Useful	1	11%	352	38%
Somewhat Useful	7	78%	447	48%
Not Very Useful	1	11%	106	11%
Not at All Useful	0	0%	29	3%
Total	9	100%	934	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.0501		UVIC	
Yes	0	0%	93	8%
No	13	100%	1,021	92%

Program Satisfaction

Very Satisfied ▪ Satisfied

Would select the same program again:	14.0501		UVIC	
Yes	3	27%	721	73%
No	8	73%	263	27%
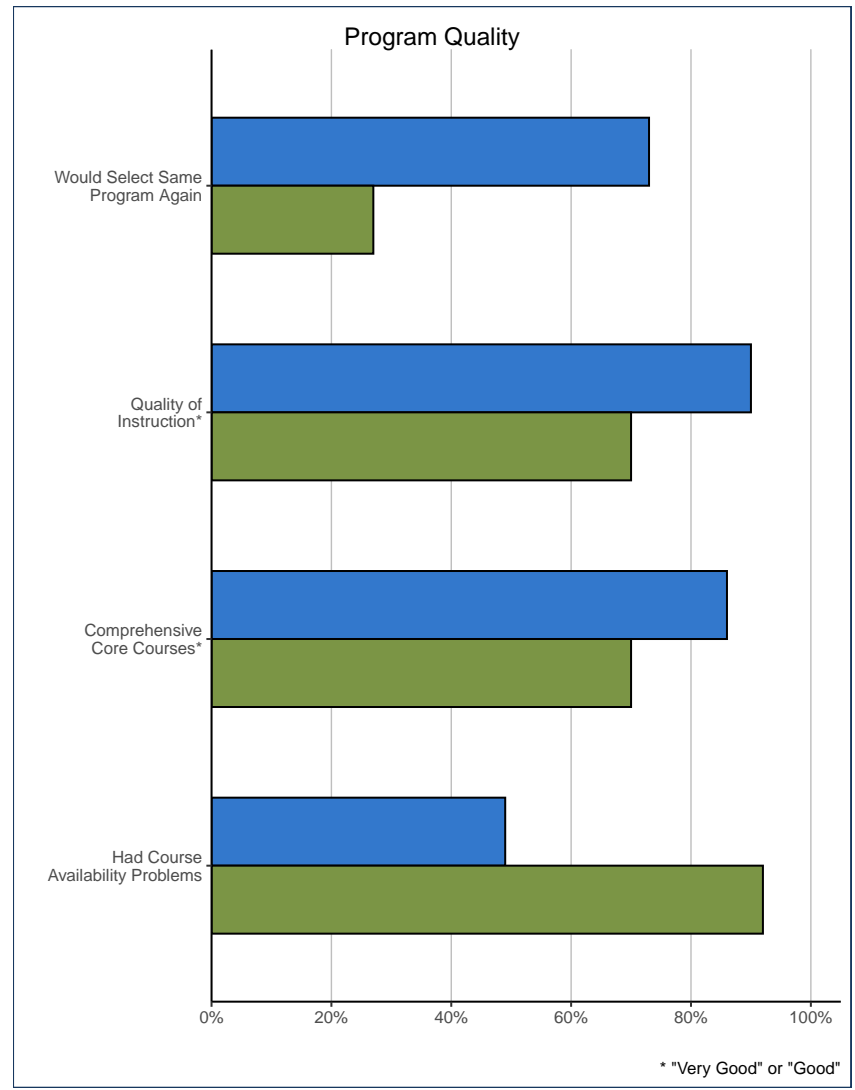
Quality of Instruction:	14.0501		UVIC	
Very Good	1	8%	290	26%
Good	8	62%	728	64%
Poor	3	23%	106	9%
Very Poor	1	8%	12	1%
Total	13	100%	1,136	100%

Comprehensiveness of Core Courses:	14.0501		UVIC	
Very Good	1	8%	265	24%
Good	8	62%	695	62%
Poor	3	23%	136	12%
Very Poor	1	8%	24	2%
Total	13	100%	1,120	100%

Course Availability:	14.0501		UVIC	
Encountered course availability problems	12	92%	539	49%

Financial Constraints:	14.0501		UVIC	
Had to interrupt studies for financial reasons	0	0%	135	12%
Had to take program part–time for financial reasons	1	8%	205	18%

Program Quality

Would Select Same Program Again
Quality of Instruction*
Comprehensive Core Courses*
Had Course Availability Problems

* "Very Good" or "Good"

BC Student Outcomes

Detailed Summary of Survey Results
University of Victoria
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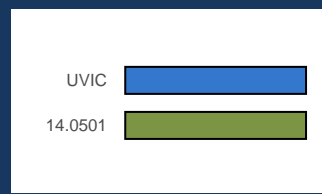
UVIC
14.0501

SKILL DEVELOPMENT

Skill Development: How helpful was institution?	14.0501				
	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	8%	69%	23%	0%	13
Oral Communication	18%	55%	27%	0%	11
Reading and Comprehension	27%	64%	9%	0%	11
Group Collaboration	17%	75%	8%	0%	12
Critical Anlysis	23%	62%	15%	0%	13
Problem Resolution	23%	69%	8%	0%	13
Use of Mathematics	31%	54%	15%	0%	13
Conducting Research	15%	62%	23%	0%	13
Learning on Your Own	38%	46%	15%	0%	13

Skill Development: How helpful was institution?	UVIC				
	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	25%	60%	14%	2%	1,115
Oral Communication	23%	54%	19%	3%	1,111
Reading and Comprehension	31%	54%	13%	1%	1,119
Group Collaboration	25%	53%	18%	3%	1,122
Critical Anlysis	43%	48%	7%	2%	1,139
Problem Resolution	22%	56%	18%	4%	1,104
Use of Mathematics	22%	46%	23%	9%	826
Conducting Research	28%	48%	20%	5%	1,082
Learning on Your Own	35%	52%	10%	3%	1,128

Helpful with Skill Development
"Very Helpful" or "Helpful"
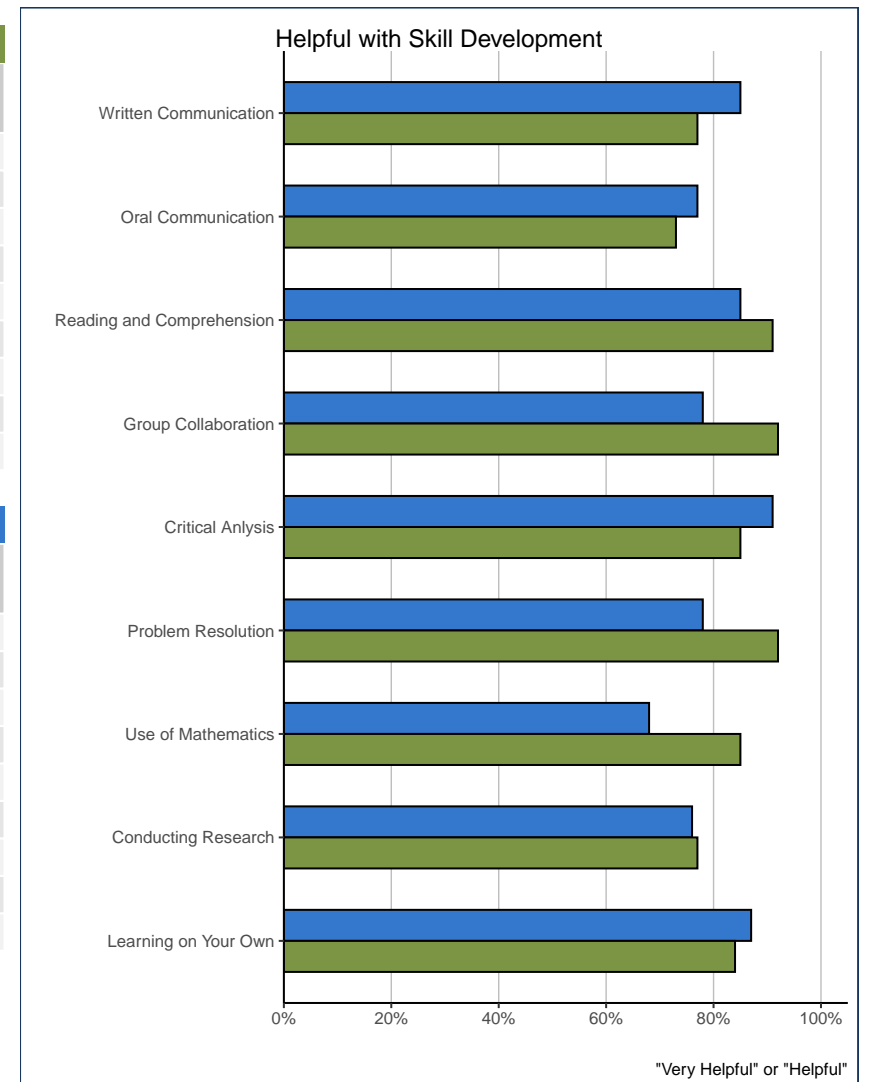
FURTHER EDUCATION

Took further education since 2021 graduation:	14.0501		UVIC	
Yes	5	38%	507	45%
Not currently enrolled	2	15%	214	19%
Currently enrolled full–time	3	23%	210	18%
Currently enrolled part–time	0	0%	76	7%
No	8	62%	629	55%
Total	13	100%	1,136	100%

Have you taken further education since graduation?

- Yes – Currently enrolled part–time
- Yes – Currently enrolled full–time
- Yes – Not currently enrolled
- No
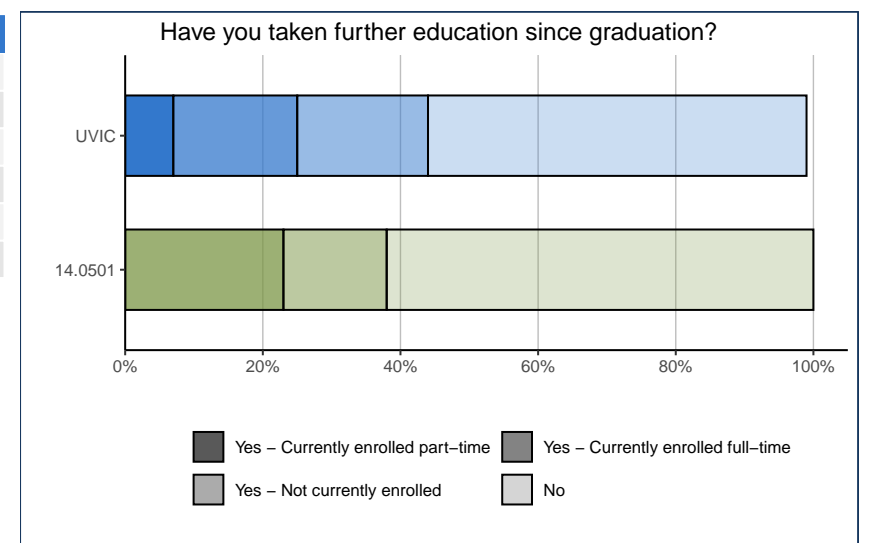
Type of Formal Post–Secondary Education:	14.0501		UVIC	
Masters Degree	3	60%	199	40%
Doctoral Degree	0	0%	15	3%
Another Undergraduate Degree	1	20%	85	17%
Certificate or Diploma below Bachelor level	0	0%	72	14%
Professional Association Certification	1	20%	57	11%
Postgraduate Certificate or Diploma	0	0%	52	10%
Other	0	0%	21	4%
Total	5	100%	501	100%

Further Education/Training Type

BC Student Outcomes

Detailed Summary of Survey Results
University of Victoria
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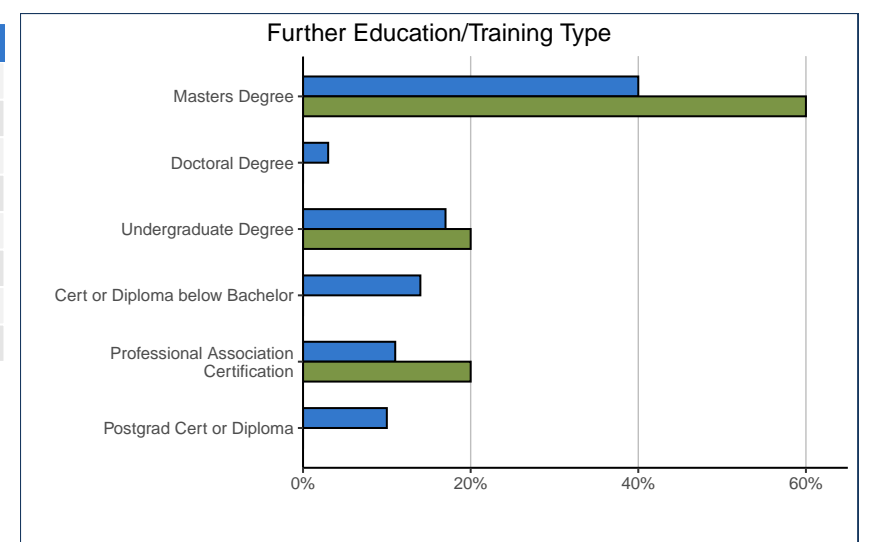
UVIC
14.0501

EMPLOYMENT

Labour Fource Status:	14.0501		UVIC	
In Labour Force (working or seeking work)	11	92%	1,018	91%
Not in Labour Force	1	8%	102	9%
Total	12	100%	1,120	100%

| Employment:	14.0501		UVIC	
Employment Rate*	9	69%	942	82%
Unemployment Rate**	2	18.2%	76	7.5%

*Percent = Total employed divided by total number of respondents

**Percent = Total unemployed divided by total number in Labour Force
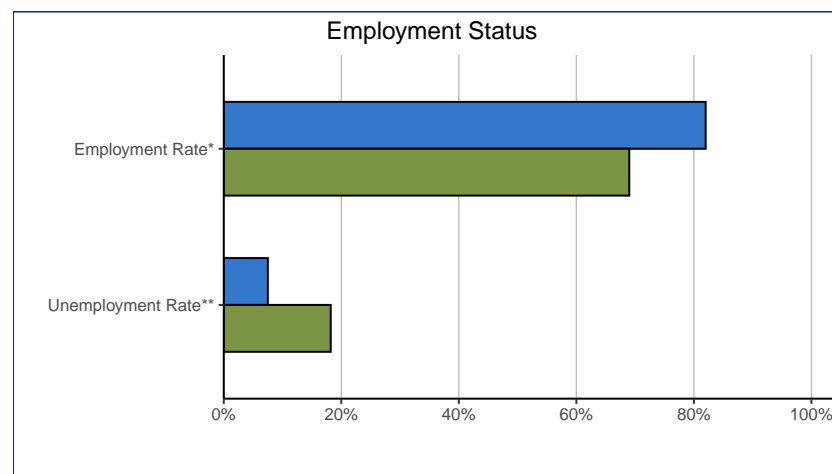
Employment Status

Status of Graduates NOT in Labour Force:	14.0501		UVIC	
Attending School FT	1	100%	64	63%
Attending School PT	0	0%	4	4%
Other	0	0%	34	33%
Total NOT in Labour Force	1	100%	102	100%
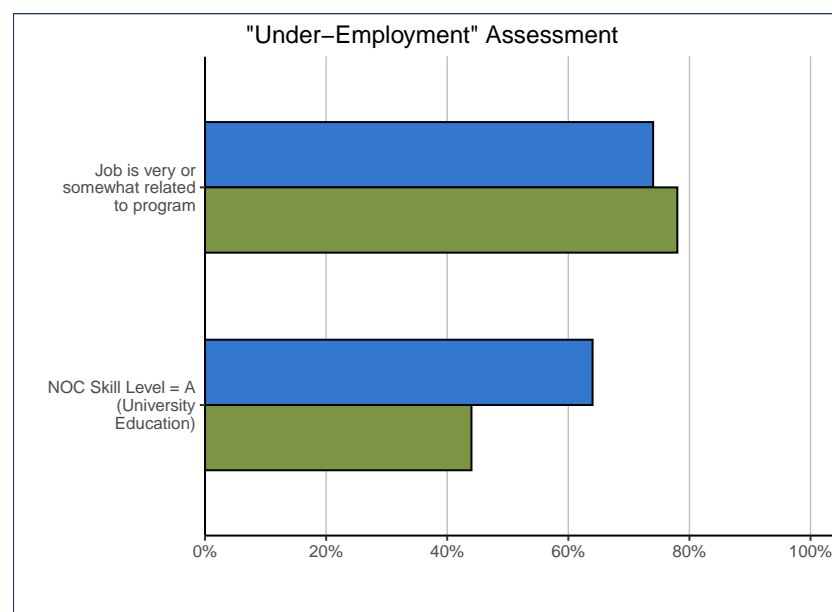
Primary Employment Type:	14.0501		UVIC	
Paid worker	9	100%	890	95%
Self-employed	0	0%	49	5%
Total	9	100%	939	100%

Job Characteristics:	14.0501		UVIC	
I hold more than one job*	0	0%	194	21%
My main job is full-time (>= 30 hours per week)**	9	100%	781	88%

*Of total Employed

**Of those who provided data on hours/week worked

"Under–Employment" Assessment

How related is your main job to your program?	14.0501		UVIC	
Very Related	2	22%	399	42%
Somewhat Related	5	56%	296	31%
Not Very Related	1	11%	128	14%
Not at All Related	1	11%	117	12%
Total	9	100%	940	100%
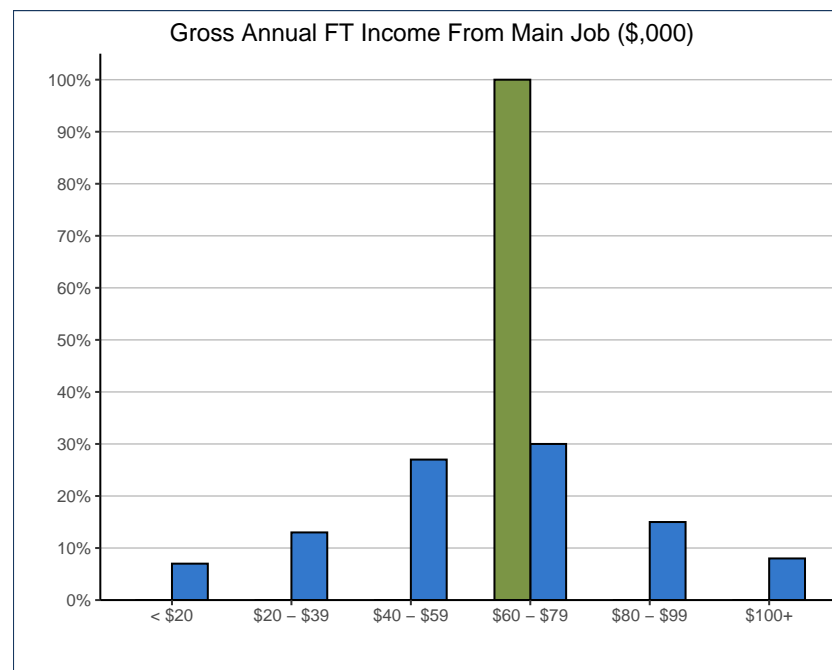
"Under–employment" Assessment:	14.0501		UVIC	
Job is very or somewhat related to program	7	78%	695	74%
NOC Skill Level = A (University Education)*	4	44%	563	64%

*Of total valid responses

Gross Annual Income from Main Job:*	14.0501		UVIC	
Less than $20,000	0	0%	50	7%
$20,000 to $39,999	0	0%	98	13%
$40,000 to $59,999	0	0%	197	27%
$60,000 to $79,999	5	100%	226	30%
$80,000 to $99,999	0	0%	111	15%
$100,000 and Above	0	0%	61	8%
Total	5	100%	743	100%
Median Annual Income (full-time) ($)	72,000		65,567	
Average Annual Income (full-time) ($)	69,963		68,764	

*Where data provided

Gross Annual FT Income From Main Job ($,000)

NOC Skill Type of Main Job:	14.0501		UVIC	
Business, finance & administration	2	22%	177	20%
Natural & applied sciences & related	7	78%	190	22%
Health	0	0%	64	7%
Education, law and social, community & government	0	0%	330	38%
Art, culture, recreation & sport	0	0%	31	4%
Sales & service	0	0%	60	7%
Trades, transport & equipment operators & related	0	0%	18	2%
Natural resources, agriculture & related production	0	0%	5	1%
Manufacturing & utilities	0	0%	5	1%
Total	9	100%	880	100%

Employed Graduates by NOC Skill Type
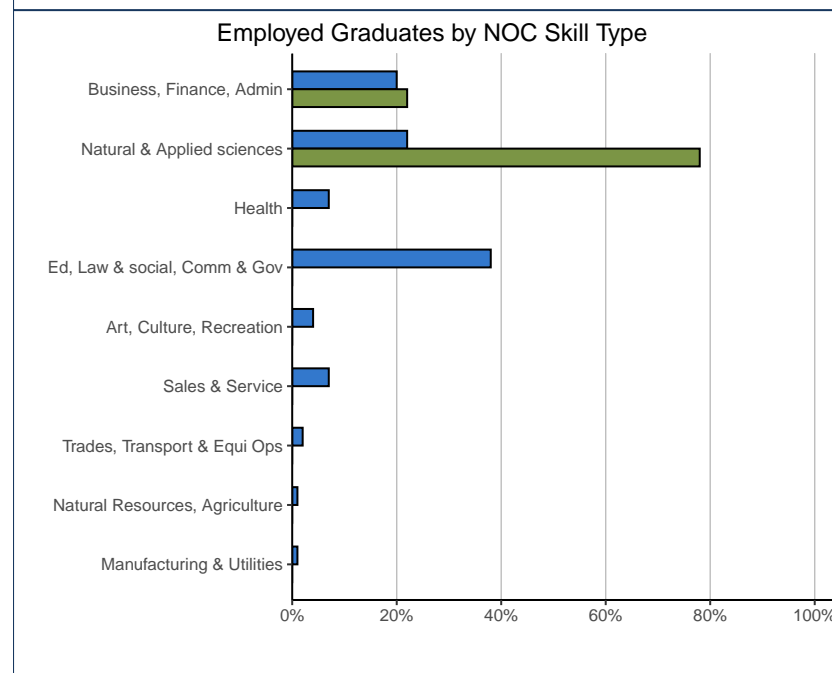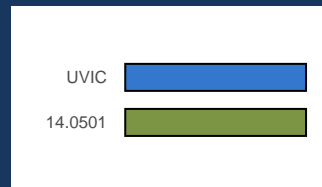
EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.0501		UVIC	
A. University education	4	44%	563	64%
B. College education/trade apprenticeship	5	56%	237	27%
C. Secondary school + job–specific training	0	0%	73	8%
D. No formal education	0	0%	8	1%
Total	9	100%	881	100%

NOC Skill Level of Main Job
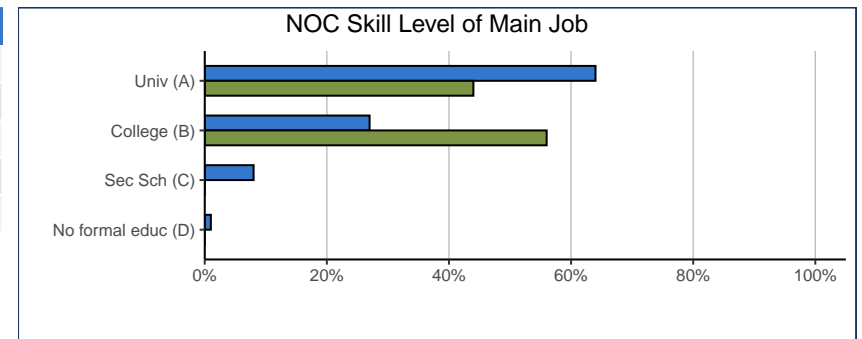
How useful are the following skills and abilities in doing your main job?	14.0501				
	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	63%	38%	0%	0%	8
Oral Communication	88%	13%	0%	0%	8
Reading and Comprehension	38%	50%	13%	0%	8
Group Collaboration	75%	25%	0%	0%	8
Critical Anlysis	88%	13%	0%	0%	8
Problem Resolution	86%	14%	0%	0%	7
Use of Mathematics	0%	29%	71%	0%	7
Conducting Research	14%	86%	0%	0%	7
Learning on Your Own	38%	63%	0%	0%	8
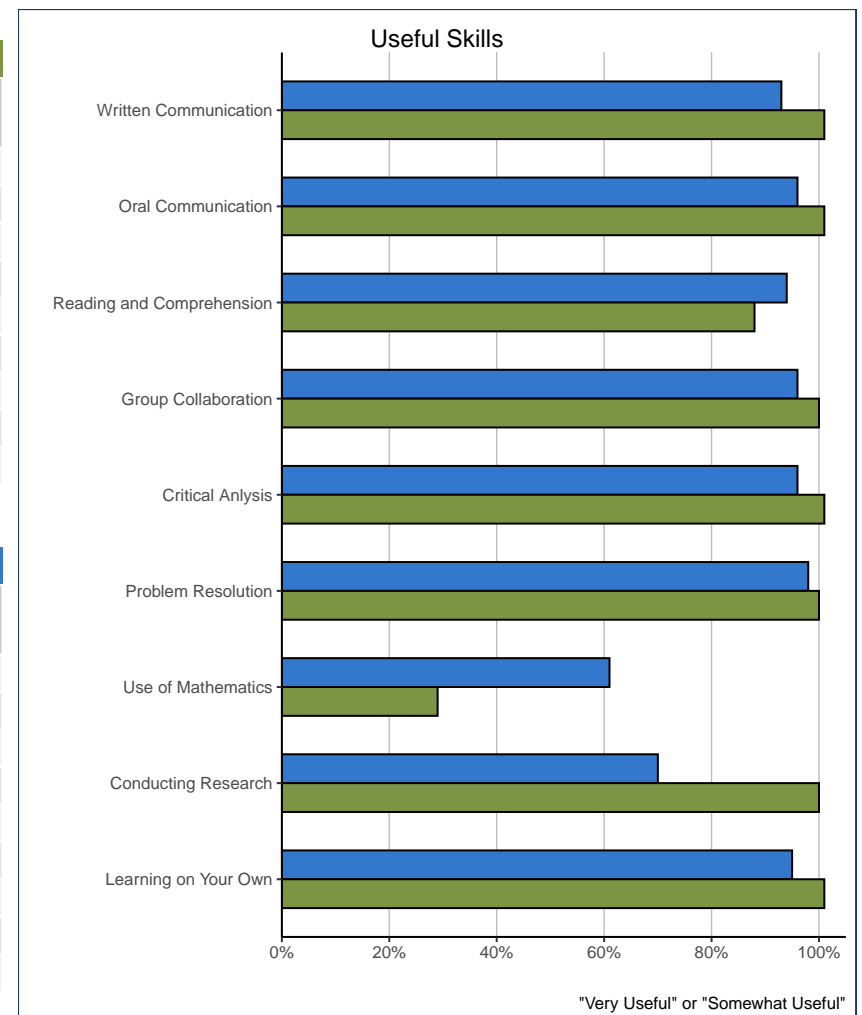
How useful are the following skills and abilities in doing your main job?	UVIC				
	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	72%	21%	4%	3%	933
Oral Communication	80%	16%	2%	1%	935
Reading and Comprehension	72%	22%	4%	1%	935
Group Collaboration	81%	15%	3%	1%	934
Critical Anlysis	78%	18%	3%	1%	935
Problem Resolution	84%	14%	2%	1%	934
Use of Mathematics	26%	35%	23%	16%	911
Conducting Research	37%	33%	18%	11%	923
Learning on Your Own	71%	24%	3%	2%	932

Useful Skills

"Very Useful" or "Somewhat Useful"

Top 10 Full–time Occupations of 14.0501 Graduates:			14.0501
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
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* Data not displayed where n < 5

** 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.**
4212	B	Social and community service workers	5%
XXXX	O	Unclassified occupations	4%
4152	A	Social workers	4%
3012	A	Registered nurses and registered psychiatric nurses	4%
2174	A	Computer programmers and interactive media developers	3%
4112	A	Lawyers and Quebec notaries	3%
2132	A	Mechanical engineers	3%
4032	A	Elementary school and kindergarten teachers	2%
2173	A	Software engineers and designers	2%
1123	A	Professional occupations in advertising, marketing and public relations	2%

* Data not displayed where n < 5

** Percentages cited are of those employed

BC Student Outcomes

	UVIC
14.0501	

EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.0501		UVIC	
Personal savings, investments	5	38%	353	32%
Employment while studying	5	38%	545	49%
Family/Friends	9	69%	647	58%
Personal bank loans	0	0%	87	8%
Government student loans	4	31%	393	35%
Scholarships/Bursaries/Grants	5	38%	418	37%
Other	8	62%	345	31%
Total	13		1,117	

* Percentage of respondents who identified this source

Education Funding Sources

Financial Debt Incurred to Finance Bac. Ed.:*	14.0501		UVIC	
Incurred any form of financial debt	4	31%	523	46%
Incurred government–sponsored student loan debt	4	31%	440	39%

* Percentage of respondents who provided data

Financial Debt Amount:*	14.0501		UVIC	
< $1,000	0	0%	0	0%
$1,000 to $4,999	0	0%	11	3%
$5,000 to $9,999	2	50%	37	9%
$10,000 to $14,999	0	0%	42	10%
$15,000 to $19,999	0	0%	40	9%
$20,000 to $29,999	1	25%	78	18%
$30,000 to $39,999	0	0%	57	13%
$40,000 or More	1	25%	166	39%
Total	4	100%	431	100%
Median Financial Debt ($)	14,000		30,000	

* Includes only cases where financial debt was incurred

Financial Debt Incurred ($,000)

Gov't–Sponsored Student Loan Debt Amount:*	14.0501		UVIC	
< $1,000	0	0%	0	0%
$1,000 to $4,999	1	33%	10	3%
$5,000 to $9,999	1	33%	24	7%
$10,000 to $14,999	0	0%	30	9%
$15,000 to $19,999	0	0%	37	11%
$20,000 to $29,999	0	0%	60	18%
$30,000 to $39,999	0	0%	53	16%
$40,000 or More	1	33%	112	34%
Total	3	100%	326	100%
Median Gov't–Sponsored Loan Debt ($)	8,000		30,000	

* Includes only cases where government–sponsored debt was incurred

Government–Sponsored Debt Incurred ($,000)

Gov't–Sponsored Loan Debt Outstanding:*	14.0501		UVIC	
None – Loan repaid in full	2	50%	69	19%
< $1,000	0	0%	4	1%
$1,000 to $4,999	1	25%	13	4%
$5,000 to $9,999	1	25%	34	9%
$10,000 to $14,999	0	0%	30	8%
$15,000 to $19,999	0	0%	41	11%
$20,000 to $29,999	0	0%	60	17%
$30,000 to $39,999	0	0%	46	13%
$40,000 or More	0	0%	66	18%
Total	4	100%	363	100%
Median Gov't–Sponsored Loan Debt Outstanding** ($)	5,000		23,500	

* 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

Outstanding Government–Sponsored Debt ($,000)