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

Detailed Summary of Survey Results
University of Northern British Columbia
26.0210: Biochemistry and molecular biology

BCStudent Outcomes
Shaping Post-Secondary Education

	UNBC
26.0210	

RESPONSE RATE

Survey Response Rate:	26.0210		UNBC	
Baccalaureate Graduates Survey Cohort	29	100%	543	100%
Survey Respondents and Response Rate	17	59%	227	42%

Response Rate
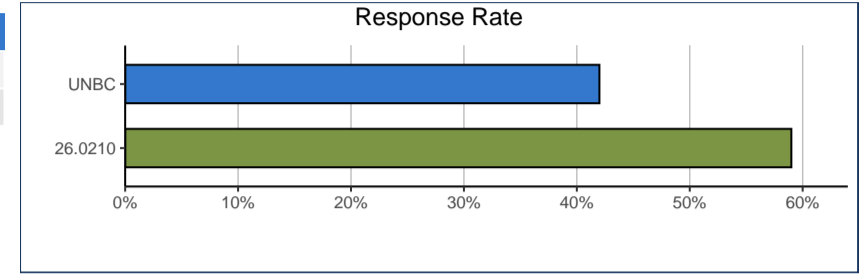
DEMOGRAPHIC INFORMATION

Self–Reporting Subgroups:	26.0210		UNBC	
Disabled	~	~	32	15%
International	0	0%	6	3%
Aboriginal	0	0%	25	12%

Self–Reporting Subgroups
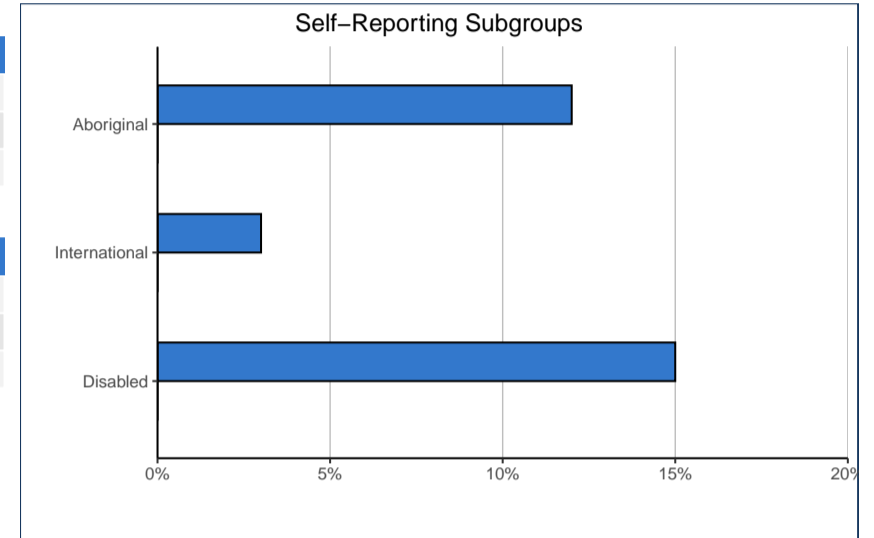
Gender:*	26.0210		UNBC	
Male	7	41%	80	35%
Female	10	59%	147	65%
Total	17	100%	227	100%

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

Age (at time of survey):	26.0210		UNBC	
< 25	10	59%	45	20%
25 to 29	~	~	125	55%
30 to 34	~	~	28	12%
35 to 39	0	0%	14	6%
40 to 49	0	0%	9	4%
50 to 64	0	0%	6	3%
> 64	0	0%	0	0%
Total	17	100%	227	100%
Median Age	24		26	
Average (mean) Age	25		28	

Age Distribution
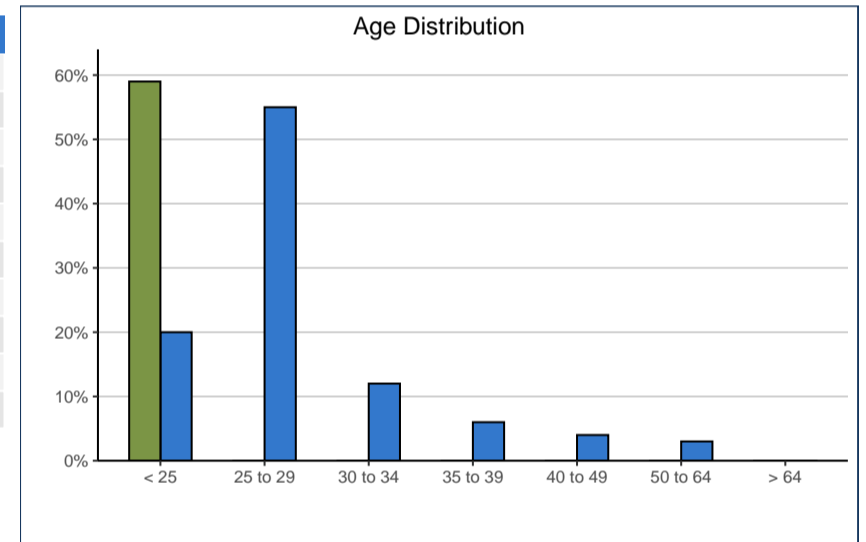
Place of Residence (at time of survey):	26.0210		UNBC	
BC – Mainland/Southwest	~	~	22	11%
BC – Vancouver Island/Coast	~	~	10	5%
BC – Northern B.C.	~	~	136	69%
BC – Interior/Kootenays	~	~	11	6%
BC Subtotal	15	88%	179	91%
Canada – Alberta	0	0%	8	4%
Canada – Ontario	~	~	~	~
Canada – Other	0	0%	~	~
U.S.A.	0	0%	~	~
Non–BC Subtotal	~	~	17	9%
Total	~	~	196	100%

Place of Residence

Within BC
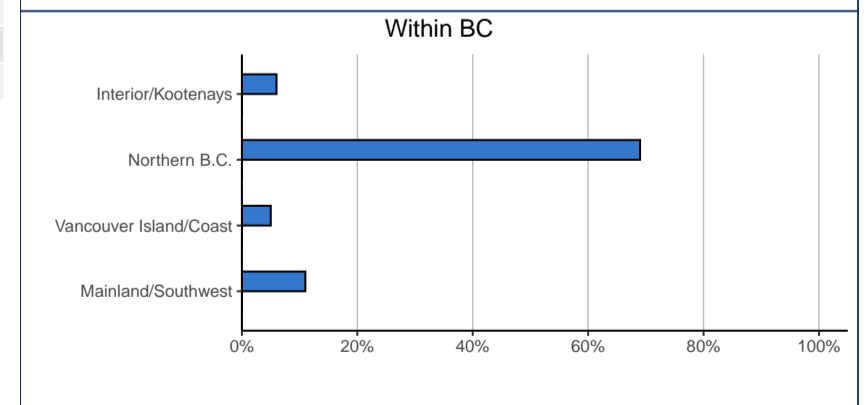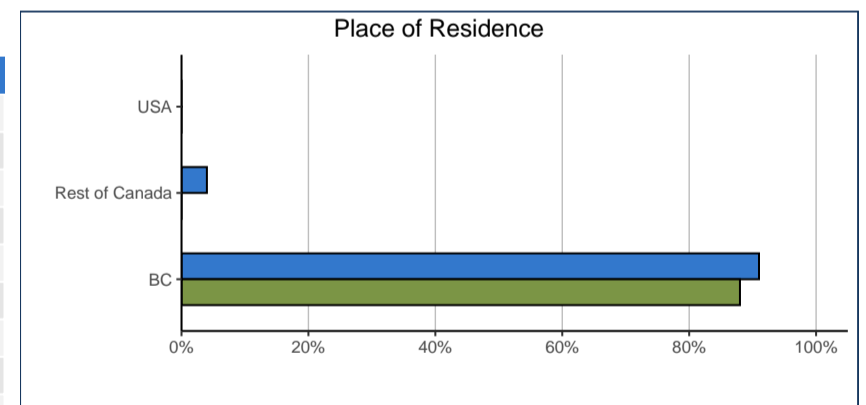
EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	26.0210		UNBC	
Very Satisfied	8	47%	46	21%
Satisfied	9	53%	134	60%
Dissatisfied	0	0%	34	15%
Very Dissatisfied	0	0%	10	4%
Total	17	100%	224	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	26.0210		UNBC	
Very Useful	7	64%	86	44%
Somewhat Useful	2	18%	85	44%
Not Very Useful	1	9%	20	10%
Not at All Useful	1	9%	4	2%
Total	11	100%	195	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	26.0210		UNBC	
Yes	1	6%	18	8%
No	16	94%	202	92%
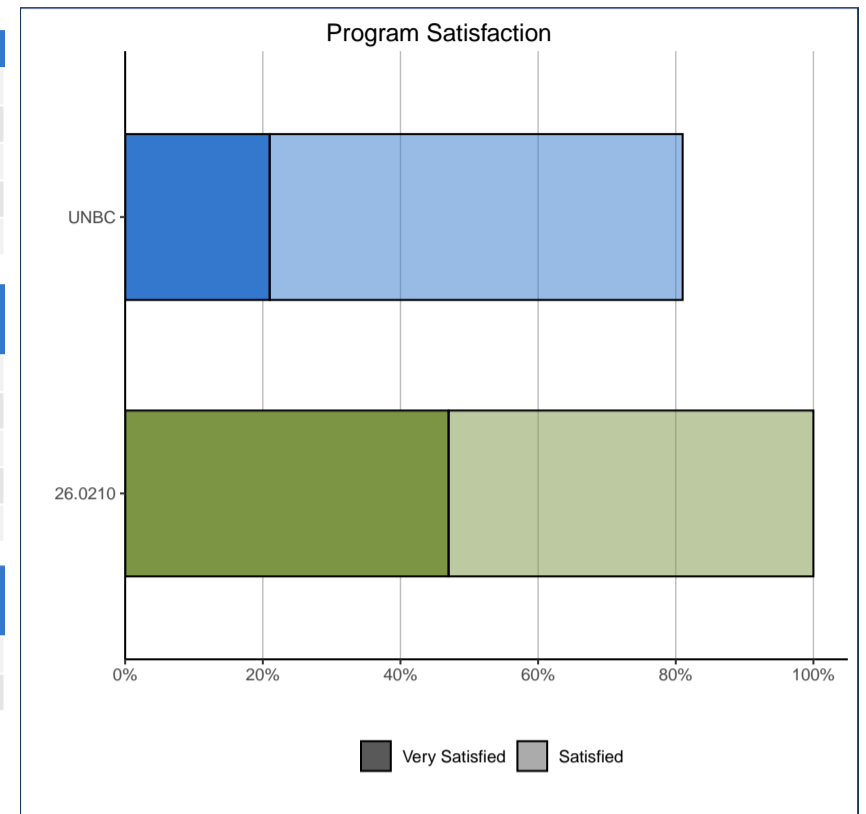
Would select the same program again:	26.0210		UNBC	
Yes	14	88%	129	65%
No	2	13%	70	35%

Quality of Instruction:	26.0210		UNBC	
Very Good	8	47%	51	22%
Good	9	53%	141	62%
Poor	0	0%	21	9%
Very Poor	0	0%	14	6%
Total	17	100%	227	100%
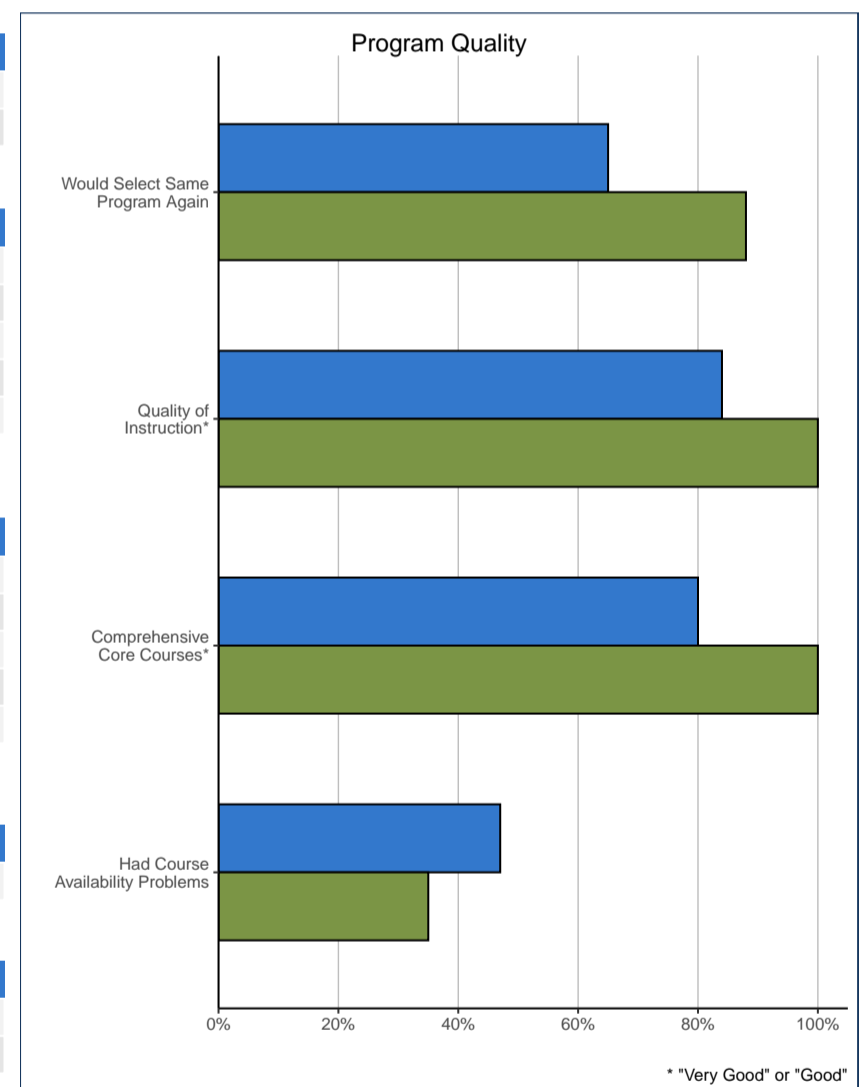
Comprehensiveness of Core Courses:	26.0210		UNBC	
Very Good	4	24%	40	18%
Good	13	76%	139	62%
Poor	0	0%	37	16%
Very Poor	0	0%	10	4%
Total	17	100%	226	100%

Course Availability:	26.0210		UNBC	
Encountered course availability problems	6	35%	103	47%

Financial Constraints:	26.0210		UNBC	
Had to interrupt studies for financial reasons	1	6%	24	11%
Had to take program part–time for financial reasons	0	0%	32	14%

Program Satisfaction

Very Satisfied / Satisfied

Program Quality

* "Very Good" or "Good"

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UNBC
26.0210

SKILL DEVELOPMENT

Skill Development: How helpful was institution?	26.0210				
	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	41%	53%	6%	0%	17
Oral Communication	29%	47%	18%	6%	17
Reading and Comprehension	65%	35%	0%	0%	17
Group Collaboration	31%	56%	13%	0%	16
Critical Anlysis	88%	12%	0%	0%	17
Problem Resolution	41%	41%	18%	0%	17
Use of Mathematics	31%	50%	19%	0%	16
Conducting Research	94%	6%	0%	0%	16
Learning on Your Own	63%	31%	6%	0%	16

Skill Development: How helpful was institution?	UNBC				
	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	21%	54%	17%	7%	215
Oral Communication	23%	53%	19%	5%	221
Reading and Comprehension	30%	54%	12%	5%	220
Group Collaboration	25%	55%	16%	4%	224
Critical Anlysis	40%	42%	14%	4%	225
Problem Resolution	20%	50%	26%	4%	226
Use of Mathematics	19%	44%	25%	11%	180
Conducting Research	38%	38%	17%	7%	215
Learning on Your Own	38%	47%	10%	5%	223

Helpful with Skill Development

"Very Helpful" or "Helpful"
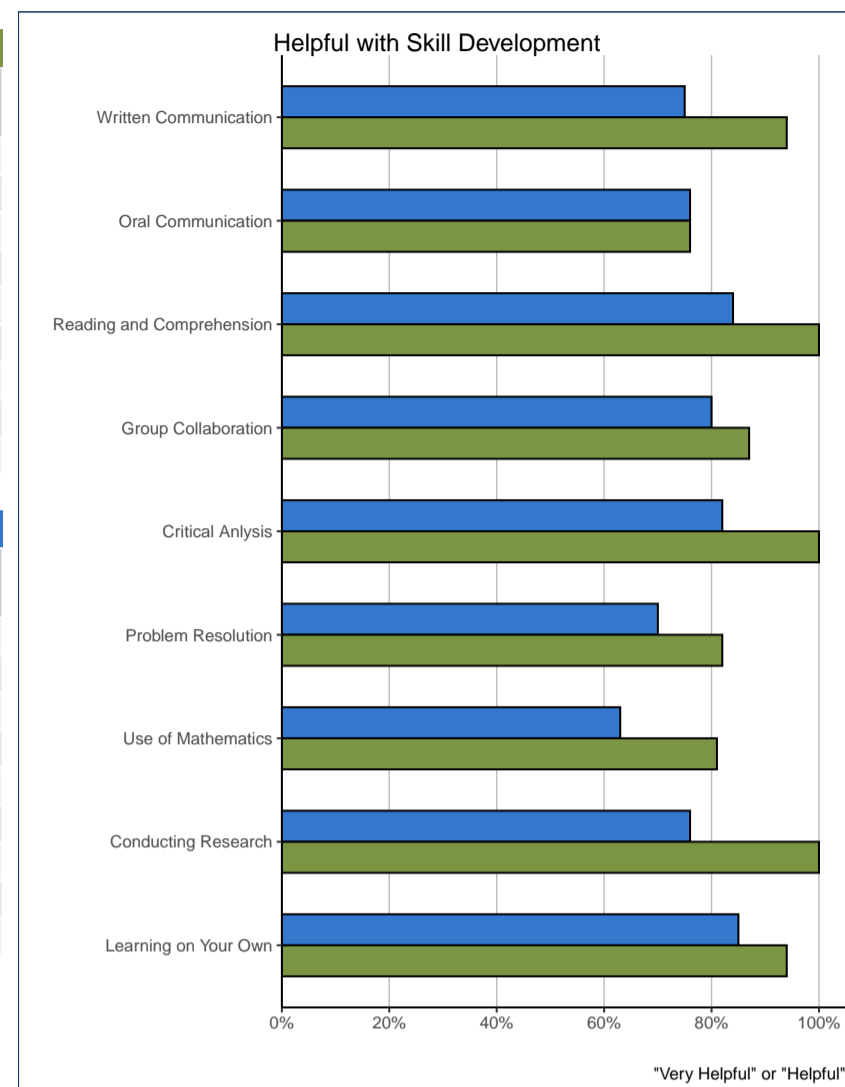
FURTHER EDUCATION

Took further education since 2020 graduation:	26.0210		UNBC	
Yes	14	82%	101	45%
Not currently enrolled	2	12%	34	15%
Currently enrolled full–time	12	71%	48	21%
Currently enrolled part–time	0	0%	18	8%
No	3	18%	125	55%
Total	17	100%	226	100%

Have you taken further education since graduation?

Yes – Currently enrolled part–time Yes – Currently enrolled full–time
Yes – Not currently enrolled No
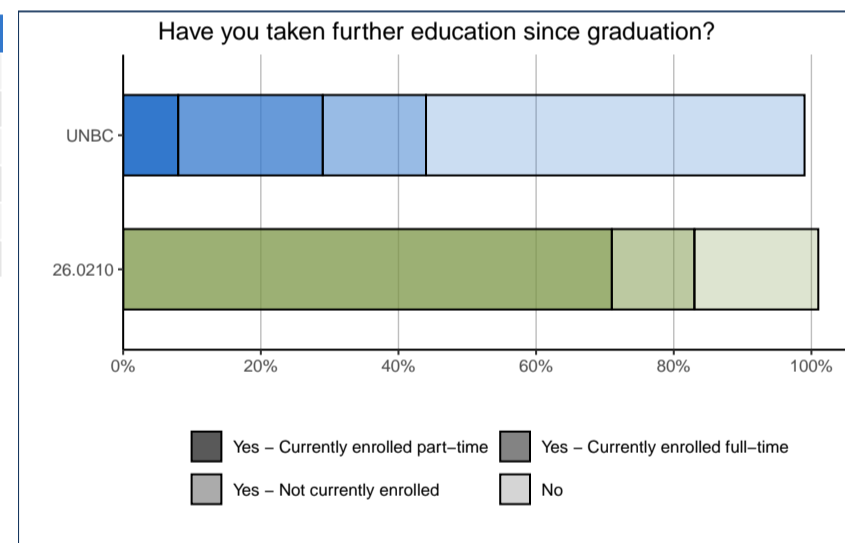
Type of Formal Post–Secondary Education:	26.0210		UNBC	
Masters Degree	2	14%	37	37%
Doctoral Degree	0	0%	0	0%
Another Undergraduate Degree	9	64%	27	27%
Certificate or Diploma below Bachelor level	1	7%	8	8%
Professional Association Certification	2	14%	15	15%
Postgraduate Certificate or Diploma	0	0%	6	6%
Other	0	0%	7	7%
Total	14	100%	100	100%

Further Education/Training Type

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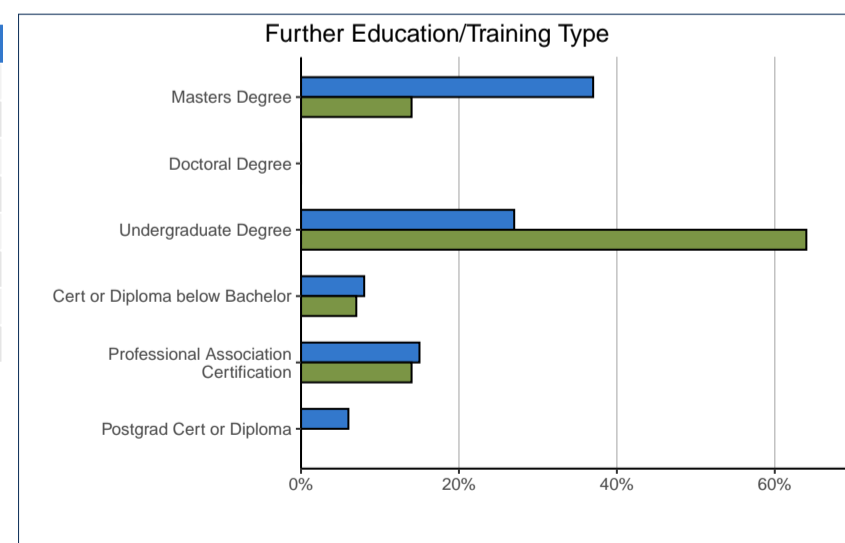
UNBC
26.0210

EMPLOYMENT

Labour Fource Status:	26.0210		UNBC	
In Labour Force (working or seeking work)	11	69%	201	90%
Not in Labour Force	5	31%	23	10%
Total	16	100%	224	100%

Employment:	26.0210		UNBC	
Employment Rate*	11	65%	195	86%
Unemployment Rate**	0	0.0%	6	3.0%

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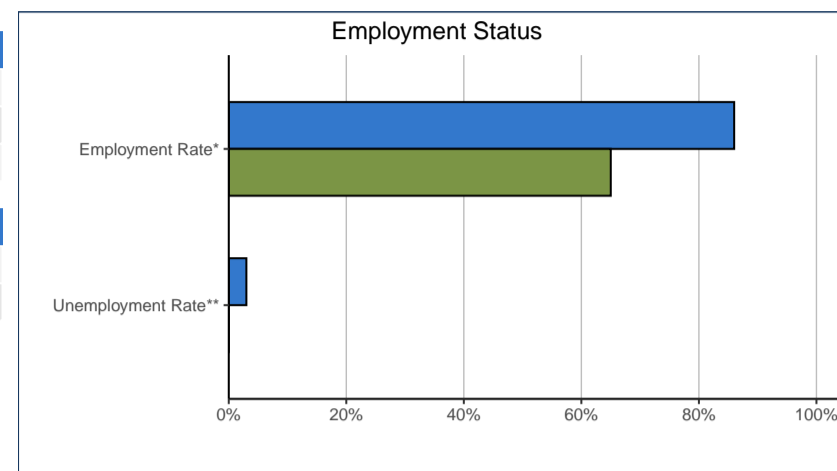
Employment Status

Status of Graduates NOT in Labour Force:	26.0210		UNBC	
Attending School FT	5	100%	17	74%
Attending School PT	0	0%	0	0%
Other	0	0%	6	26%
Total NOT in Labour Force	5	100%	23	100%

Primary Employment Type:	26.0210		UNBC	
Paid worker	11	100%	192	98%
Self–employed	0	0%	3	2%
Total	11	100%	195	100%

Job Characteristics:	26.0210		UNBC	
I hold more than one job*	5	45%	42	22%
My main job is full–time (>= 30 hours per week)**	8	73%	165	88%

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

"Under–Employment" Assessment
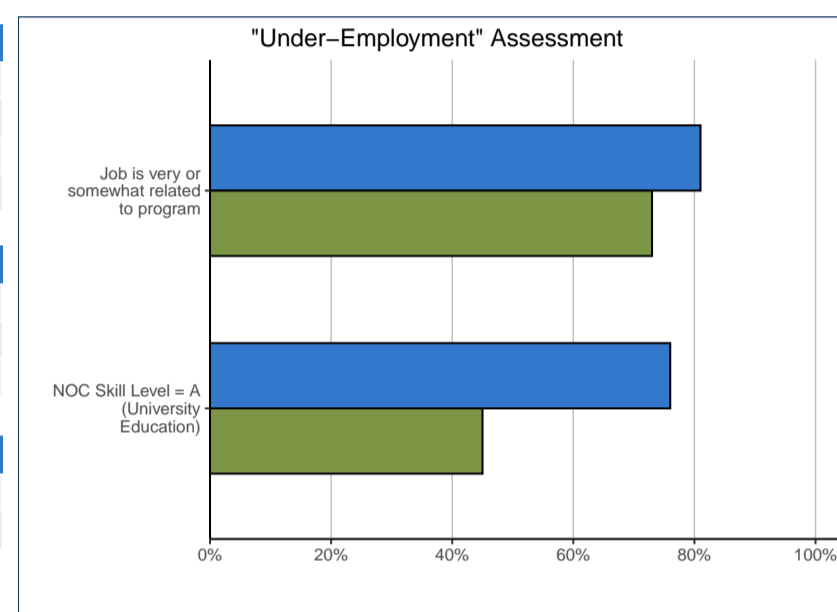
How related is your main job to your program?	26.0210		UNBC	
Very Related	1	9%	103	53%
Somewhat Related	7	64%	55	28%
Not Very Related	1	9%	21	11%
Not at All Related	2	18%	16	8%
Total	11	100%	195	100%

"Under–employment" Assessment:	26.0210		UNBC	
Job is very or somewhat related to program	8	73%	158	81%
NOC Skill Level = A (University Education)*	5	45%	143	76%

*Of total valid responses

Gross Annual Income from Main Job:*	26.0210		UNBC	
Less than $20,000	~	~	13	8%
$20,000 to $39,999	~	~	20	13%
$40,000 to $59,999	~	~	45	28%
$60,000 to $79,999	~	~	55	35%
$80,000 to $99,999	~	~	20	13%
$100,000 and Above	0	0%	5	3%
Total	9	100%	158	100%
Median Annual Income (full–time) ($)	51,882		63,321	
Average Annual Income (full–time) ($)	53,712		63,764	

*Where data provided

Gross Annual FT Income From Main Job ($,000)
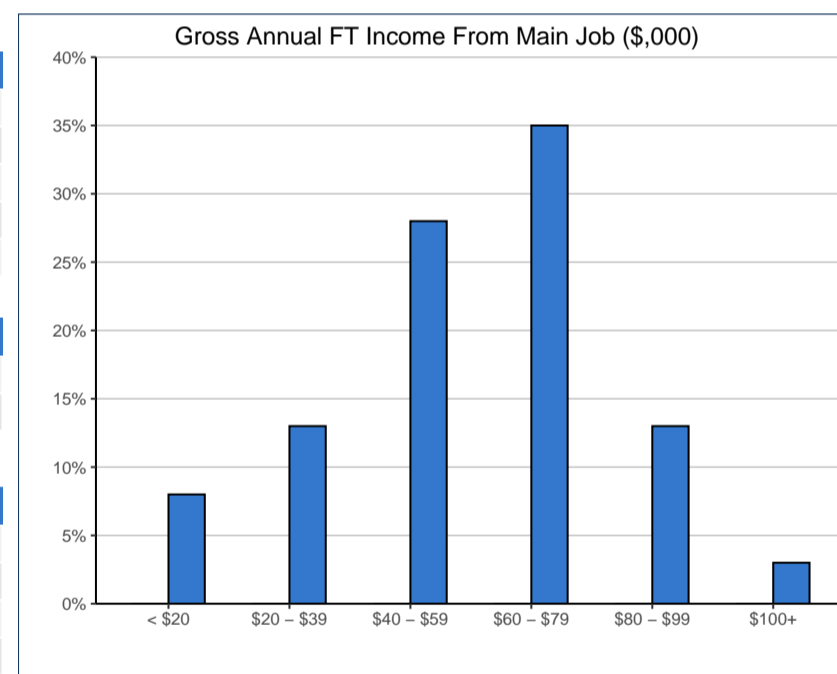
NOC Skill Type of Main Job:	26.0210		UNBC	
Business, finance & administration	1	9%	15	8%
Natural & applied sciences & related	2	18%	29	15%
Health	4	36%	43	23%
Education, law and social, community & government	2	18%	76	40%
Art, culture, recreation & sport	1	9%	6	3%
Sales & service	1	9%	15	8%
Trades, transport & equipment operators & related	0	0%	3	2%
Natural resources, agriculture & related production	0	0%	1	1%
Manufacturing & utilities	0	0%	1	1%
Total	11	100%	189	100%

Employed Graduates by NOC Skill Type

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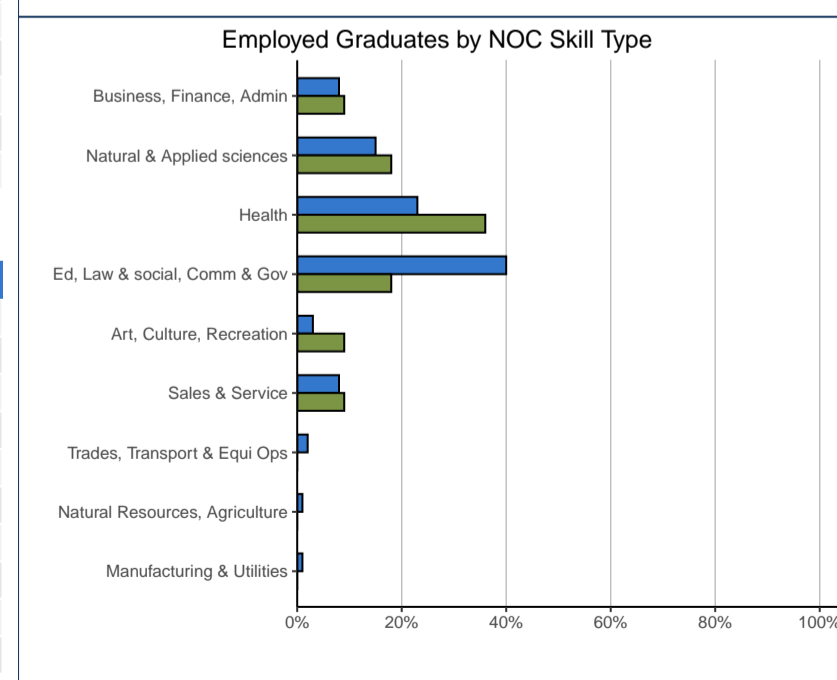
EMPLOYMENT, continued

NOC Skill Level of Main Job:	26.0210		UNBC	
A. University education	5	45%	143	76%
B. College education/trade apprenticeship	4	36%	30	16%
C. Secondary school + job–specific training	1	9%	14	7%
D. No formal education	1	9%	2	1%
Total	11	100%	189	100%
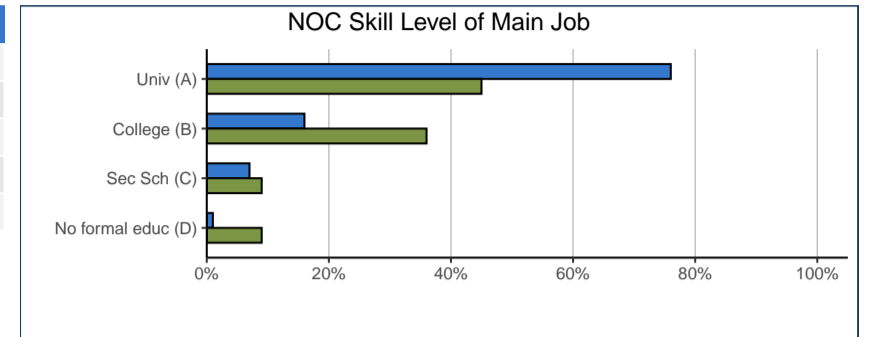
NOC Skill Level of Main Job

	26.0210				
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	55%	36%	0%	9%	11
Oral Communication	64%	27%	0%	9%	11
Reading and Comprehension	73%	18%	0%	9%	11
Group Collaboration	73%	27%	0%	0%	11
Critical Anlysis	91%	0%	0%	9%	11
Problem Resolution	73%	9%	9%	9%	11
Use of Mathematics	36%	18%	36%	9%	11
Conducting Research	55%	18%	0%	27%	11
Learning on Your Own	73%	18%	0%	9%	11
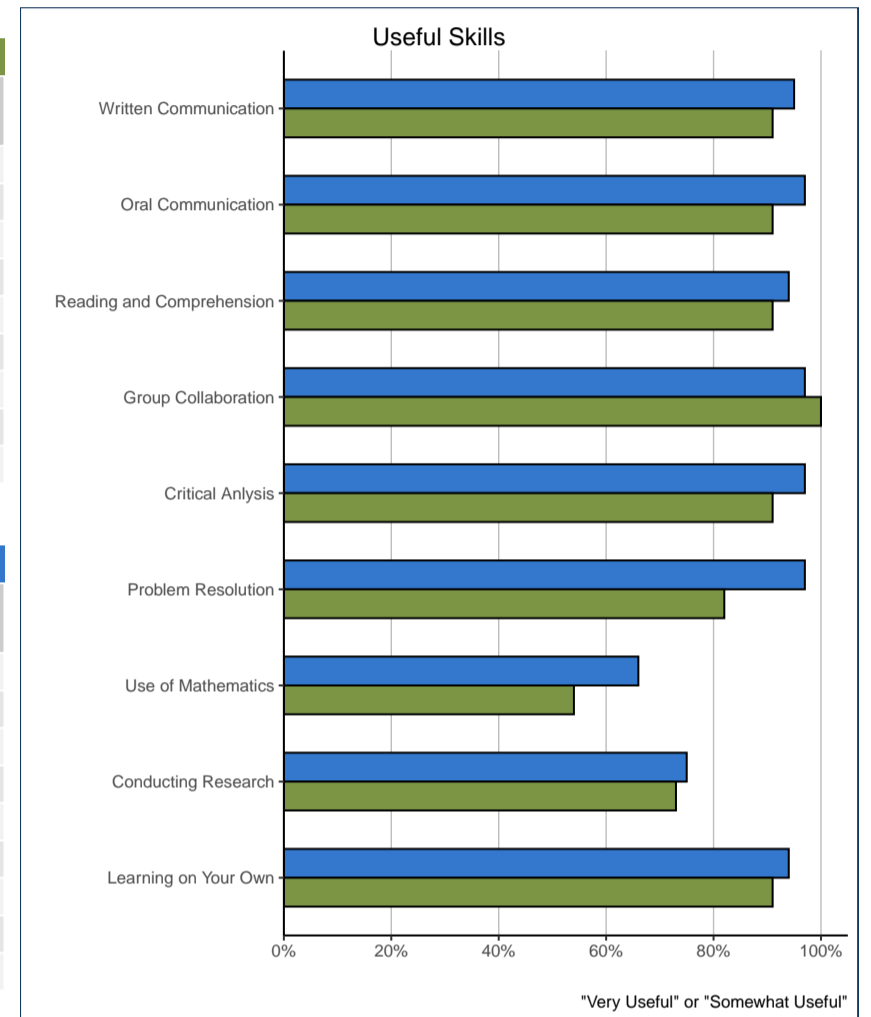
	UNBC				
How useful are the following skills and abilities in doing your main job?	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	75%	20%	2%	3%	193
Oral Communication	82%	15%	2%	2%	194
Reading and Comprehension	74%	20%	4%	2%	192
Group Collaboration	84%	13%	2%	2%	194
Critical Anlysis	84%	13%	0%	3%	193
Problem Resolution	82%	15%	1%	2%	194
Use of Mathematics	31%	35%	24%	10%	188
Conducting Research	37%	38%	15%	10%	191
Learning on Your Own	69%	25%	3%	3%	194

Useful Skills

"Very Useful" or "Somewhat Useful"

Top 10 Full–time Occupations of 26.0210 Graduates:			26.0210
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 UNBC Graduates:			UNBC
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
3012	A	Registered nurses and registered psychiatric nurses	17%
4152	A	Social workers	7%
4032	A	Elementary school and kindergarten teachers	6%
2131	A	Civil engineers	5%
4031	A	Secondary school teachers	4%
4212	B	Social and community service workers	3%
2121	A	Biologists and related scientists	3%
4161	A	Natural and applied science policy researchers, consultants and program officers	3%
*			
*			

* Data not displayed where n < 5
** Percentages cited are of those employed

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UNBC
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EDUCATION FINANCING

Funding Sources (3 sources allowed):*	26.0210		UNBC	
Personal savings, investments	2	12%	74	33%
Employment while studying	10	59%	139	63%
Family/Friends	9	53%	107	48%
Personal bank loans	1	6%	21	10%
Government student loans	4	24%	86	39%
Scholarships/Bursaries/Grants	16	94%	105	48%
Other	2	12%	48	22%
Total	17		221	

* Percentage of respondents who identified this source

Education Funding Sources

Financial Debt Incurred to Finance Bac. Ed.:*	26.0210		UNBC	
Incurred any form of financial debt	5	29%	117	53%
Incurred government–sponsored student loan debt	4	24%	93	42%

* Percentage of respondents who provided data

Financial Debt Amount:*	26.0210		UNBC	
< $1,000	0	0%	0	0%
$1,000 to $4,999	0	0%	3	3%
$5,000 to $9,999	0	0%	5	5%
$10,000 to $14,999	0	0%	11	10%
$15,000 to $19,999	1	25%	9	8%
$20,000 to $29,999	2	50%	22	20%
$30,000 to $39,999	0	0%	18	17%
$40,000 or More	1	25%	40	37%
Total	4	100%	108	100%
Median Financial Debt ($)	20,000		30,000	

* Includes only cases where financial debt was incurred

Financial Debt Incurred ($,000)

Gov't–Sponsored Student Loan Debt Amount:*	26.0210		UNBC	
< $1,000	0	0%	0	0%
$1,000 to $4,999	0	0%	1	1%
$5,000 to $9,999	0	0%	3	4%
$10,000 to $14,999	0	0%	8	11%
$15,000 to $19,999	1	25%	11	15%
$20,000 to $29,999	3	75%	18	24%
$30,000 to $39,999	0	0%	12	16%
$40,000 or More	0	0%	22	29%
Total	4	100%	75	100%
Median Gov't–Sponsored Loan Debt ($)	20,000		27,000	

* Includes only cases where government–sponsored debt was incurred

Government–Sponsored Debt Incurred ($,000)

Gov't–Sponsored Loan Debt Outstanding:*	26.0210		UNBC	
None – Loan repaid in full	1	33%	14	18%
< $1,000	0	0%	0	0%
$1,000 to $4,999	0	0%	3	4%
$5,000 to $9,999	0	0%	7	9%
$10,000 to $14,999	0	0%	12	15%
$15,000 to $19,999	1	33%	7	9%
$20,000 to $29,999	1	33%	14	18%
$30,000 to $39,999	0	0%	4	5%
$40,000 or More	0	0%	19	24%
Total	3	100%	80	100%
Median Gov't–Sponsored Loan Debt Outstanding** ($)	20,700		23,000	

* 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)