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

Detailed Summary of Survey Results
University of British Columbia
11.0701: Computer science

UBC	
11.0701	

RESPONSE RATE

Survey Response Rate:	11.0701		UBC	
Baccalaureate Graduates Survey Cohort	350	100%	6,879	100%
Survey Respondents and Response Rate	117	33%	2,273	33%

Response Rate
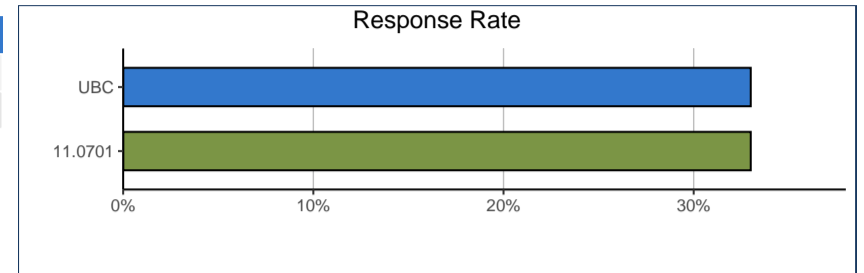
DEMOGRAPHIC INFORMATION

Self–Reporting Subgroups:	11.0701		UBC	
Disabled	10	9%	292	14%
International	36	31%	459	20%
Aboriginal	~	~	41	2%
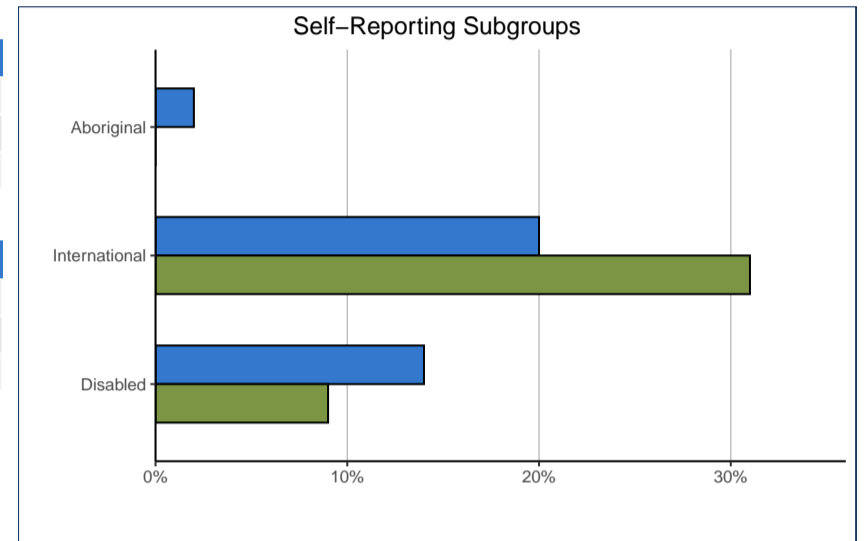
Gender:*	11.0701		UBC	
Male	74	63%	953	42%
Female	43	37%	1,320	58%
Total	117	100%	2,273	100%

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

Self–Reporting Subgroups

Age (at time of survey):	11.0701		UBC	
< 25	~	~	520	23%
25 to 29	92	79%	1,549	68%
30 to 34	12	10%	133	6%
35 to 39	~	~	39	2%
40 to 49	0	0%	21	1%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	117	100%	2,269	100%
Median Age	26		25	
Average (mean) Age	27		26	

Age Distribution
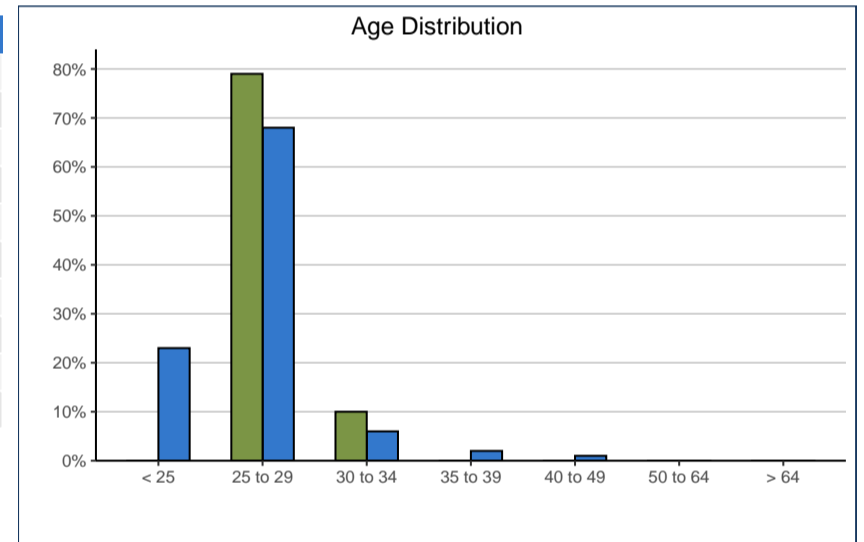
Place of Residence (at time of survey):	11.0701		UBC	
BC – Mainland/Southwest	~	~	1,615	81%
BC – Vancouver Island/Coast	~	~	50	3%
BC – Northern B.C.	0	0%	12	1%
BC – Interior/Kootenays	0	0%	48	2%
BC Subtotal	90	88%	1,725	86%
Canada – Alberta	0	0%	77	4%
Canada – Ontario	~	~	112	6%
Canada – Other	~	~	42	2%
U.S.A.	6	6%	42	2%
Non–BC Subtotal	12	12%	273	14%
Total	102	100%	1,998	100%

Place of Residence

Within BC

BCStudent Outcomes
Shaping Post-Secondary Education

Detailed Summary of Survey Results
University of British Columbia
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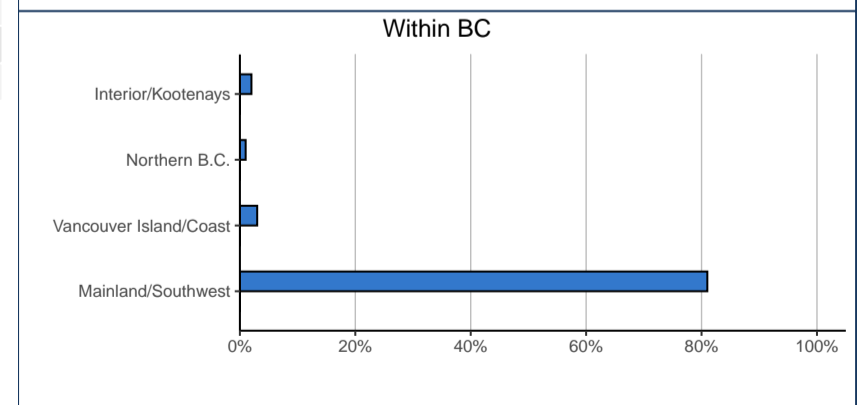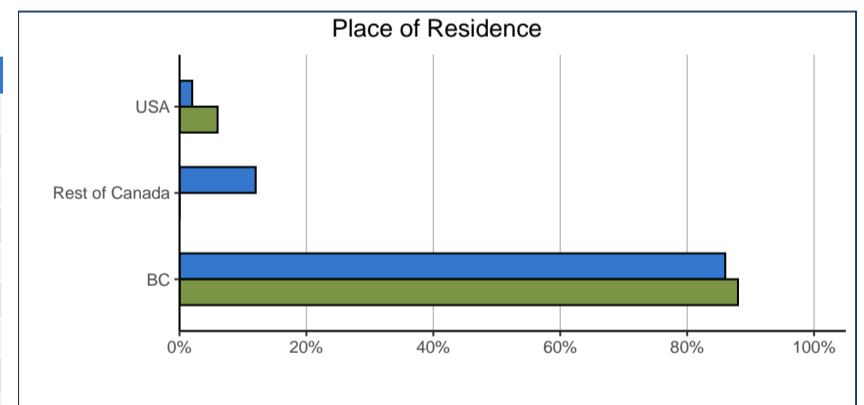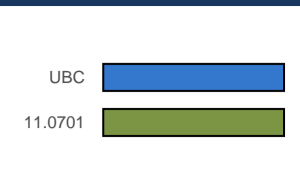
EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	11.0701		UBC	
Very Satisfied	33	28%	490	22%
Satisfied	76	66%	1,486	66%
Dissatisfied	5	4%	221	10%
Very Dissatisfied	2	2%	44	2%
Total	116	100%	2,241	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	11.0701		UBC	
Very Useful	53	50%	548	31%
Somewhat Useful	46	43%	924	52%
Not Very Useful	6	6%	242	14%
Not at All Useful	2	2%	60	3%
Total	107	100%	1,774	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	11.0701		UBC	
Yes	8	7%	127	6%
No	106	93%	2,107	94%
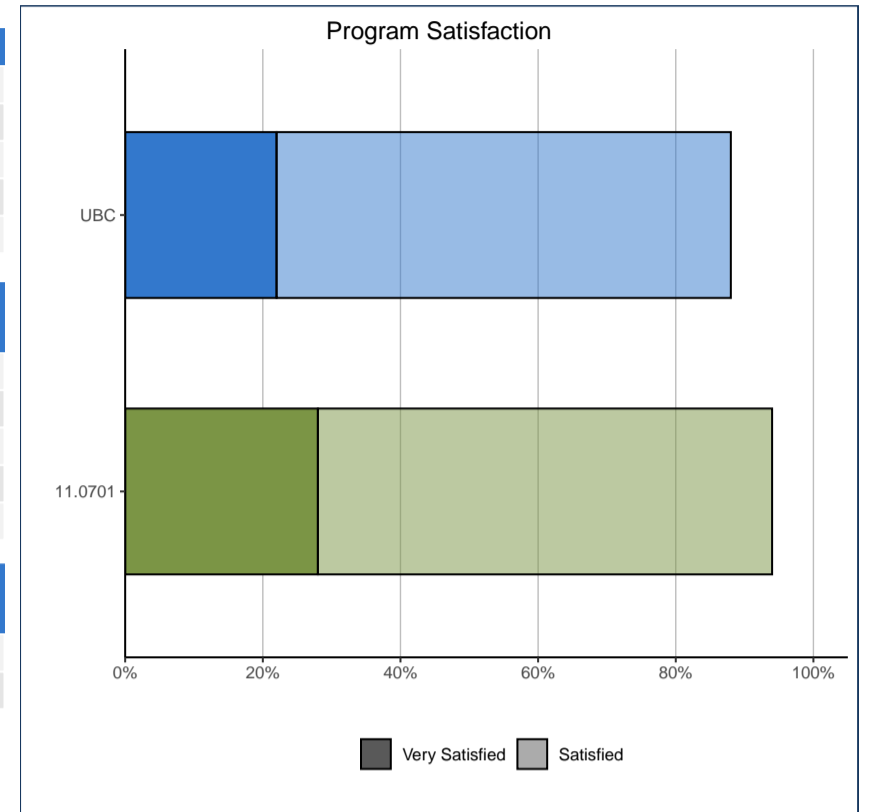
Would select the same program again:	11.0701		UBC	
Yes	98	92%	1,303	67%
No	9	8%	656	33%

Quality of Instruction:	11.0701		UBC	
Very Good	39	33%	588	26%
Good	75	64%	1,467	65%
Poor	2	2%	172	8%
Very Poor	1	1%	30	1%
Total	117	100%	2,257	100%
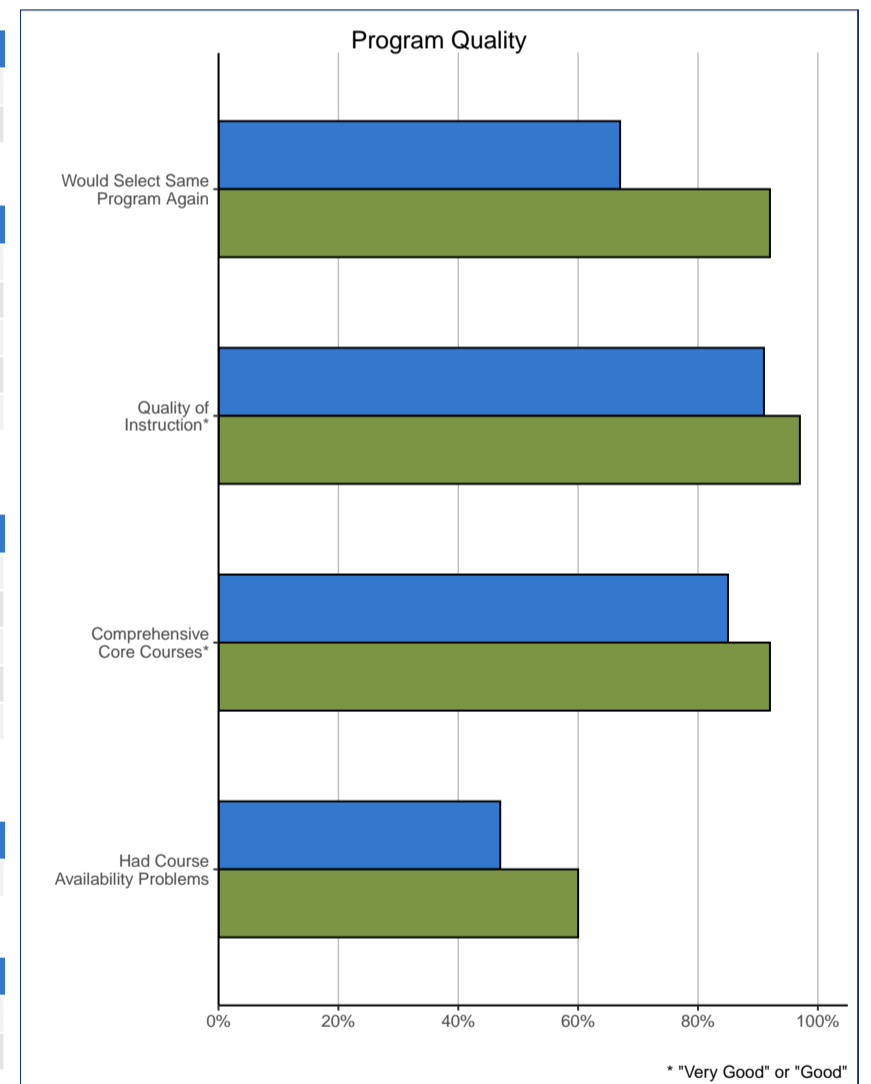
Comprehensiveness of Core Courses:	11.0701		UBC	
Very Good	33	29%	535	24%
Good	73	63%	1,356	61%
Poor	9	8%	287	13%
Very Poor	0	0%	45	2%
Total	115	100%	2,223	100%

Course Availability:	11.0701		UBC	
Encountered course availability problems	70	60%	1,043	47%

Financial Constraints:	11.0701		UBC	
Had to interrupt studies for financial reasons	5	4%	155	7%
Had to take program part–time for financial reasons	6	5%	224	10%

Program Satisfaction

Legend: Very Satisfied, Satisfied

Program Quality

* "Very Good" or "Good"

BCStudent
Outcomes
Shaping Post-Secondary Education

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University of British Columbia
11.0701: Computer science
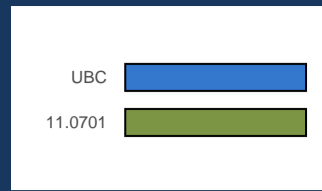
UBC
11.0701

SKILL DEVELOPMENT

Skill Development: How helpful was institution?	11.0701				
	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	11%	59%	22%	9%	104
Oral Communication	12%	56%	27%	6%	108
Reading and Comprehension	22%	60%	15%	3%	112
Group Collaboration	20%	59%	18%	3%	116
Critical Anlysis	47%	43%	9%	2%	116
Problem Resolution	40%	50%	9%	2%	115
Use of Mathematics	31%	51%	14%	5%	111
Conducting Research	14%	46%	34%	6%	105
Learning on Your Own	46%	43%	10%	2%	115

Skill Development: How helpful was institution?	UBC				
	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	24%	56%	17%	3%	2,198
Oral Communication	22%	55%	20%	4%	2,212
Reading and Comprehension	31%	55%	12%	2%	2,222
Group Collaboration	24%	52%	20%	4%	2,230
Critical Anlysis	43%	48%	8%	2%	2,253
Problem Resolution	24%	55%	18%	3%	2,188
Use of Mathematics	20%	46%	24%	10%	1,801
Conducting Research	29%	48%	19%	4%	2,159
Learning on Your Own	39%	49%	10%	2%	2,236

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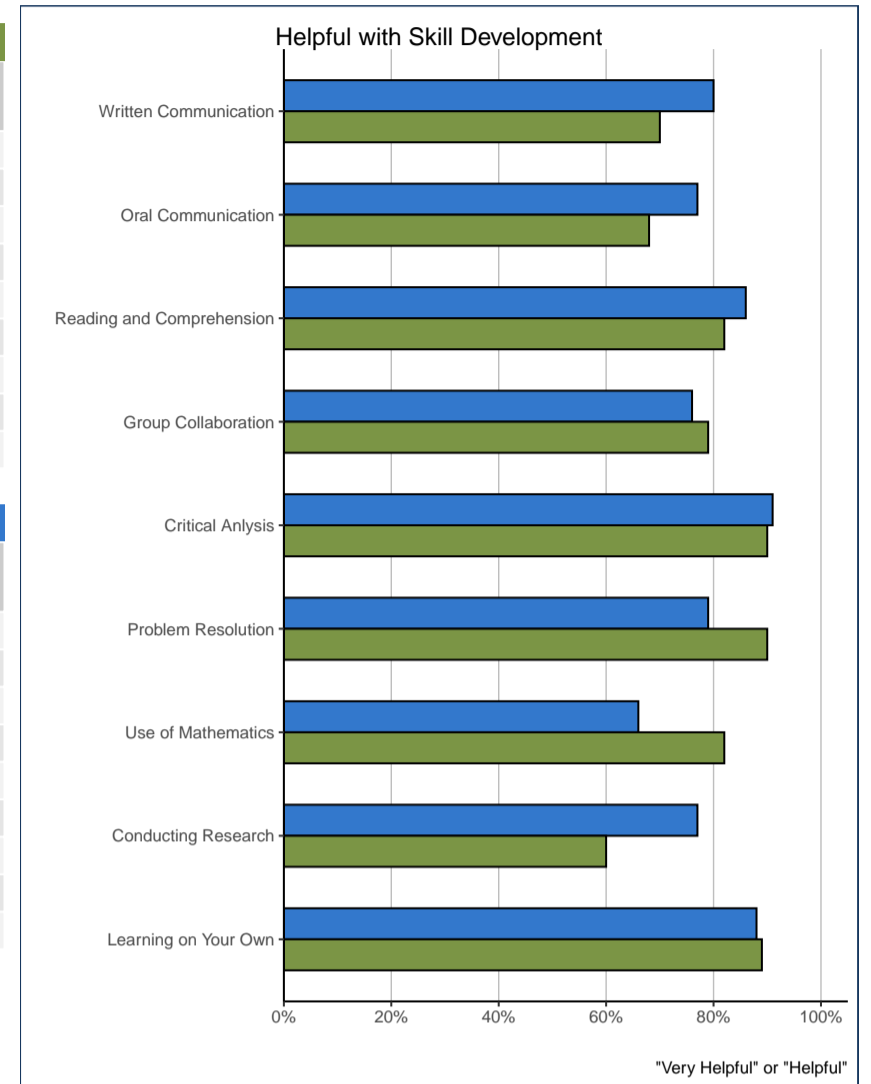
FURTHER EDUCATION

Took further education since 2020 graduation:	11.0701		UBC	
Yes	17	15%	1,119	49%
Not currently enrolled	8	7%	454	20%
Currently enrolled full–time	6	5%	559	25%
Currently enrolled part–time	2	2%	99	4%
No	100	85%	1,144	51%
Total	117	100%	2,263	100%

Have you taken further education since graduation?

- Yes – Currently enrolled part–time
- Yes – Currently enrolled full–time
- Yes – Not currently enrolled
- No
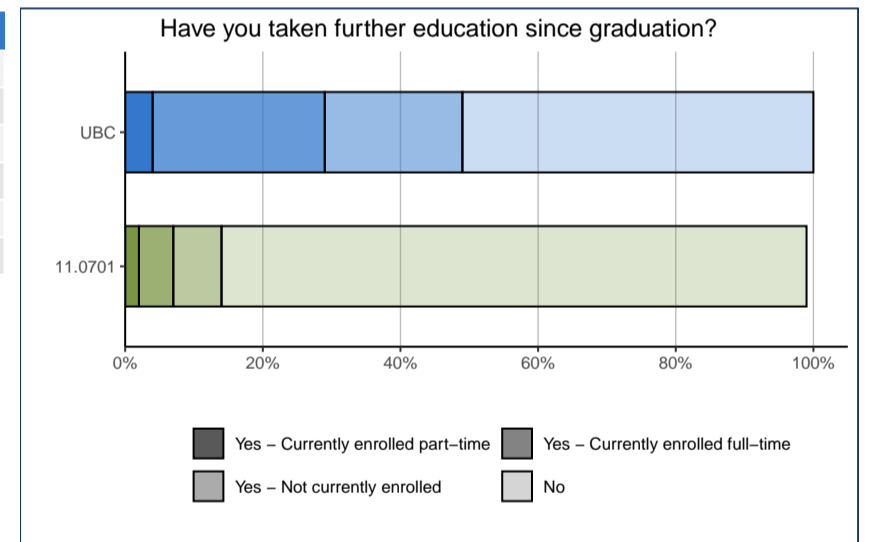
Type of Formal Post–Secondary Education:	11.0701		UBC	
Masters Degree	8	47%	467	42%
Doctoral Degree	5	29%	82	7%
Another Undergraduate Degree	1	6%	213	19%
Certificate or Diploma below Bachelor level	0	0%	133	12%
Professional Association Certification	0	0%	86	8%
Postgraduate Certificate or Diploma	1	6%	77	7%
Other	2	12%	52	5%
Total	17	100%	1,110	100%

Further Education/Training Type

BCStudent Outcomes
Shaping Post-Secondary Education

Detailed Summary of Survey Results
University of British Columbia
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11.0701
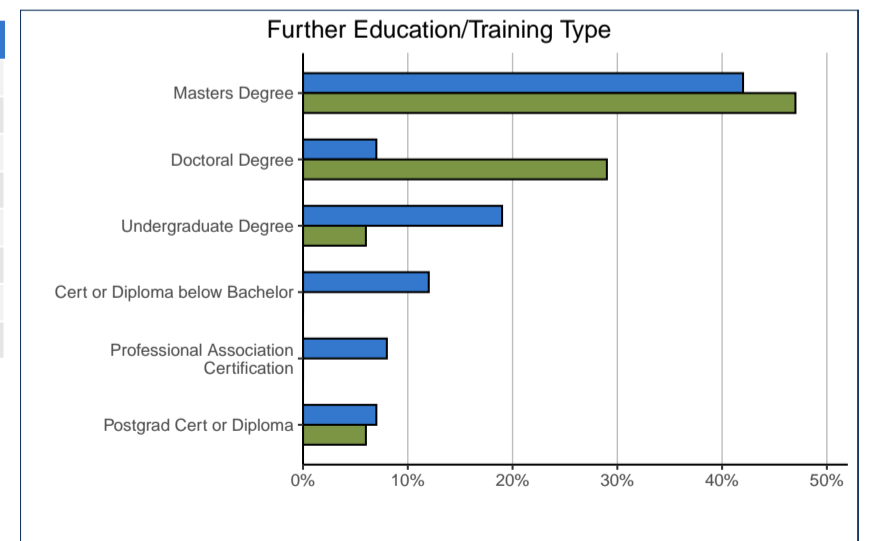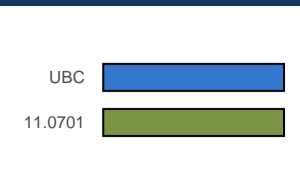
EMPLOYMENT

Labour Fource Status:	11.0701		UBC	
In Labour Force (working or seeking work)	113	97%	1,931	87%
Not in Labour Force	3	3%	296	13%
Total	116	100%	2,227	100%

| Employment:	11.0701		UBC	
Employment Rate*	108	92%	1,788	79%
Unemployment Rate**	5	4.4%	143	7.4%

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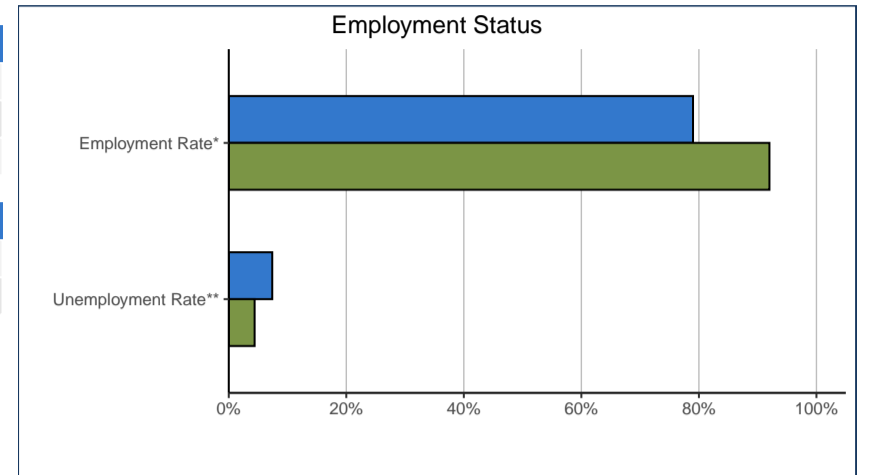
Employment Status

Status of Graduates NOT in Labour Force:	11.0701		UBC	
Attending School FT	2	67%	238	80%
Attending School PT	0	0%	2	1%
Other	1	33%	56	19%
Total NOT in Labour Force	3	100%	296	100%
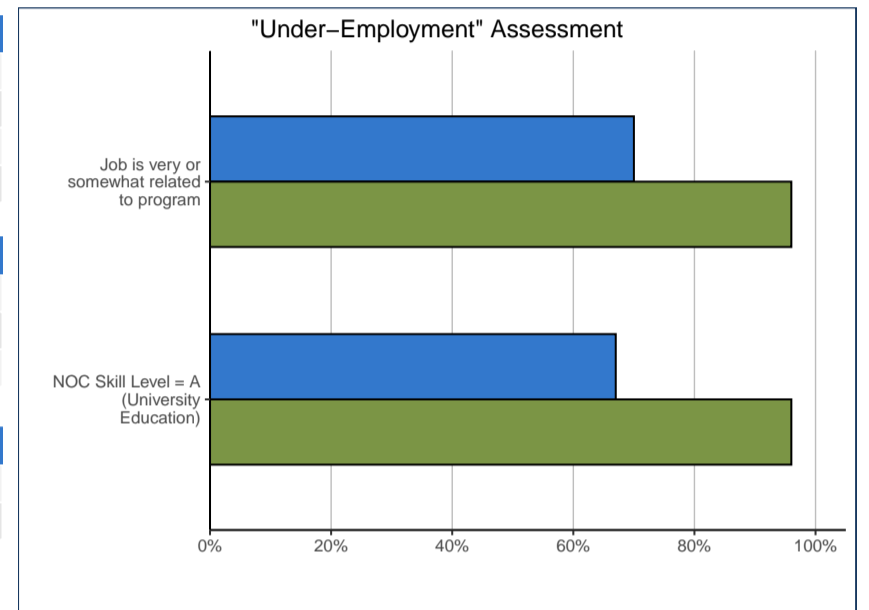
Primary Employment Type:	11.0701		UBC	
Paid worker	107	99%	1,679	94%
Self−employed	1	1%	106	6%
Total	108	100%	1,785	100%

Job Characteristics:	11.0701		UBC	
I hold more than one job*	3	3%	300	17%
My main job is full−time (>= 30 hours per week)**	98	96%	1,465	86%

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

"Under−Employment" Assessment

How related is your main job to your program?	11.0701		UBC	
Very Related	80	74%	628	35%
Somewhat Related	24	22%	621	35%
Not Very Related	3	3%	271	15%
Not at All Related	1	1%	264	15%
Total	108	100%	1,784	100%
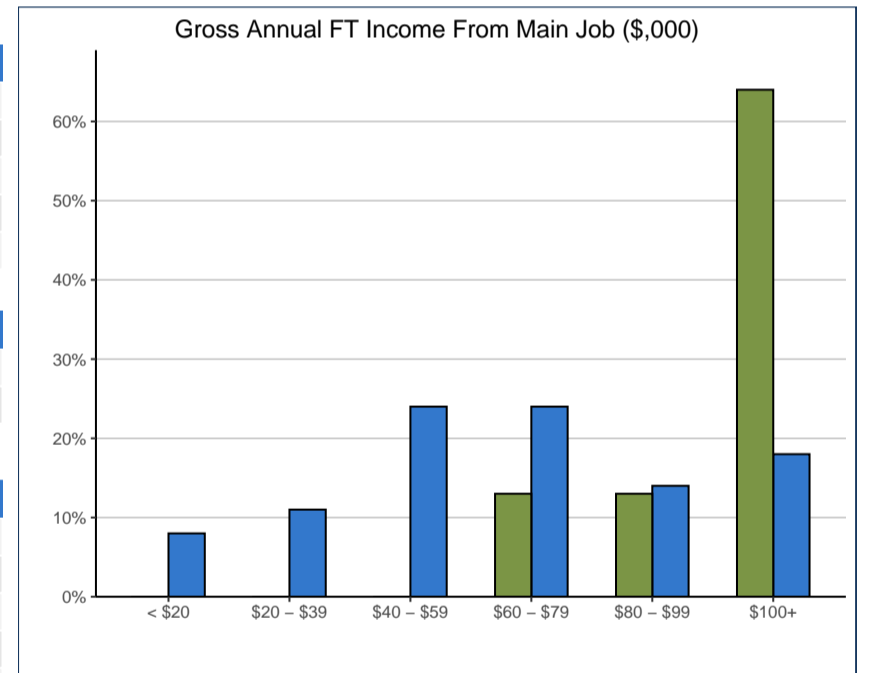
| "Under−employment" Assessment:	11.0701		UBC	
Job is very or somewhat related to program	104	96%	1,249	70%
NOC Skill Level = A (University Education)*	100	96%	1,126	67%

*Of total valid responses

Gross Annual Income from Main Job:*	11.0701		UBC	
Less than $20,000	0	0%	112	8%
$20,000 to $39,999	~	~	151	11%
$40,000 to $59,999	~	~	321	24%
$60,000 to $79,999	10	13%	326	24%
$80,000 to $99,999	10	13%	195	14%
$100,000 and Above	49	64%	243	18%
Total	77	100%	1,348	100%
Median Annual Income (full−time) ($)	112,700		70,000	
Average Annual Income (full−time) ($)	130,127		79,724	

*Where data provided

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

NOC Skill Type of Main Job:	11.0701		UBC	
Business, finance & administration	2	2%	429	26%
Natural & applied sciences & related	91	88%	459	28%
Health	0	0%	183	11%
Education, law and social, community & government	6	6%	361	22%
Art, culture, recreation & sport	3	3%	87	5%
Sales & service	1	1%	118	7%
Trades, transport & equipment operators & related	0	0%	11	1%
Natural resources, agriculture & related production	0	0%	13	1%
Manufacturing & utilities	0	0%	8	0%
Total	103	100%	1,669	100%

Employed Graduates by NOC Skill Type

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| UBC | |
| 11.0701 | |
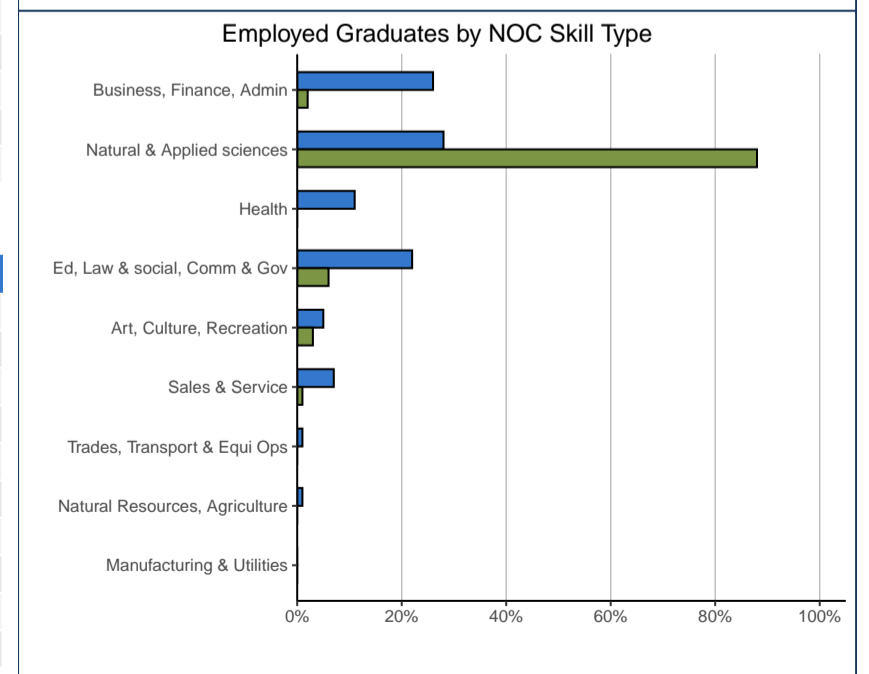
EMPLOYMENT, continued

NOC Skill Level of Main Job:	11.0701		UBC	
A. University education	100	96%	1,126	67%
B. College education/trade apprenticeship	3	3%	415	25%
C. Secondary school + job–specific training	1	1%	121	7%
D. No formal education	0	0%	14	1%
Total	104	100%	1,676	100%

NOC Skill Level of Main Job
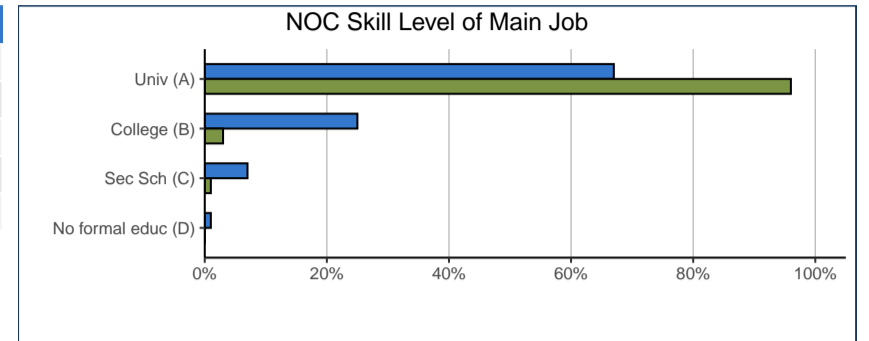
| How useful are the following skills and abilities in doing your main job? | 11.0701 | | | | |
	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	59%	36%	6%	0%	107
Oral Communication	66%	32%	2%	0%	108
Reading and Comprehension	61%	36%	2%	1%	108
Group Collaboration	69%	30%	1%	0%	108
Critical Anlysis	78%	20%	2%	0%	108
Problem Resolution	78%	21%	0%	1%	108
Use of Mathematics	21%	36%	31%	12%	106
Conducting Research	29%	37%	23%	10%	107
Learning on Your Own	79%	21%	1%	0%	107
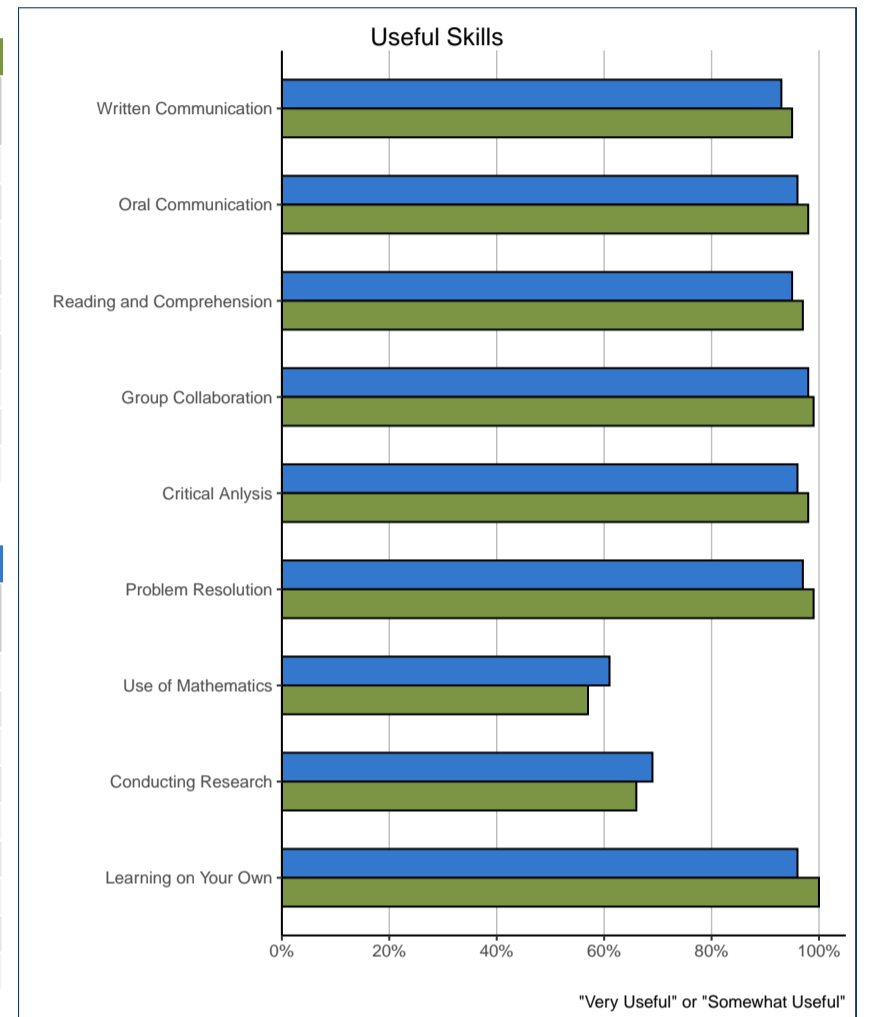
| How useful are the following skills and abilities in doing your main job? | UBC | | | | |
	Very Useful	Somewhat Useful	Not Very Useful	Not at All Useful	# Resp.
Written Communication	66%	27%	6%	2%	1,772
Oral Communication	75%	21%	3%	1%	1,774
Reading and Comprehension	70%	25%	4%	1%	1,772
Group Collaboration	78%	20%	3%	0%	1,773
Critical Anlysis	73%	23%	3%	1%	1,771
Problem Resolution	77%	20%	2%	1%	1,766
Use of Mathematics	24%	37%	24%	16%	1,739
Conducting Research	36%	33%	19%	12%	1,744
Learning on Your Own	69%	27%	3%	1%	1,771

Useful Skills

"Very Useful" or "Somewhat Useful"

Top 10 Full–time Occupations of 11.0701 Graduates:			11.0701
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2173	A	Software engineers and designers	47%
2174	A	Computer programmers and interactive media developers	27%
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* Data not displayed where n < 5
** Percentages cited are of those employed

Top 10 Full–time Occupations of UBC Graduates:			UBC
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2173	A	Software engineers and designers	6%
XXXX	O	Unclassified occupations	4%
2174	A	Computer programmers and interactive media developers	3%
4112	A	Lawyers and Quebec notaries	3%
1123	A	Professional occupations in advertising, marketing and public relations	3%
4012	A	Post–secondary teaching and research assistants	2%
1112	A	Financial and investment analysts	2%
1111	A	Financial auditors and accountants	2%
3131	A	Pharmacists	2%
3012	A	Registered nurses and registered psychiatric nurses	2%

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

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EDUCATION FINANCING

Funding Sources (3 sources allowed):*	11.0701		UBC	
Personal savings, investments	26	24%	624	28%
Employment while studying	45	41%	1,016	46%
Family/Friends	77	70%	1,541	70%
Personal bank loans	1	1%	116	5%
Government student loans	34	31%	704	32%
Scholarships/Bursaries/Grants	22	20%	771	35%
Other	51	46%	506	23%
Total	110		2,213	

* Percentage of respondents who identified this source

Education Funding Sources

Financial Debt Incurred to Finance Bac. Ed.:*	11.0701		UBC	
Incurred any form of financial debt	46	41%	915	41%
Incurred government–sponsored student loan debt	40	35%	777	35%

* Percentage of respondents who provided data

Financial Debt Amount:*	11.0701		UBC	
< $1,000	0	0%	1	0%
$1,000 to $4,999	0	0%	11	1%
$5,000 to $9,999	1	3%	41	5%
$10,000 to $14,999	3	8%	56	8%
$15,000 to $19,999	3	8%	47	6%
$20,000 to $29,999	9	24%	138	18%
$30,000 to $39,999	10	27%	143	19%
$40,000 or More	11	30%	309	41%
Total	37	100%	746	100%
Median Financial Debt ($)	30,000		33,000	

* Includes only cases where financial debt was incurred

Financial Debt Incurred ($,000)

Gov't–Sponsored Student Loan Debt Amount:*	11.0701		UBC	
< $1,000	0	0%	1	0%
$1,000 to $4,999	1	3%	17	3%
$5,000 to $9,999	2	7%	25	4%
$10,000 to $14,999	4	13%	51	9%
$15,000 to $19,999	1	3%	43	7%
$20,000 to $29,999	10	33%	130	22%
$30,000 to $39,999	4	13%	119	20%
$40,000 or More	8	27%	199	34%
Total	30	100%	585	100%
Median Gov't–Sponsored Loan Debt ($)	25,000		30,000	

* Includes only cases where government–sponsored debt was incurred

Government–Sponsored Debt Incurred ($,000)

Gov't–Sponsored Loan Debt Outstanding:*	11.0701		UBC	
None – Loan repaid in full	23	62%	206	32%
< $1,000	0	0%	1	0%
$1,000 to $4,999	0	0%	15	2%
$5,000 to $9,999	2	5%	35	5%
$10,000 to $14,999	2	5%	42	7%
$15,000 to $19,999	2	5%	42	7%
$20,000 to $29,999	5	14%	103	16%
$30,000 to $39,999	1	3%	81	13%
$40,000 or More	2	5%	119	18%
Total	37	100%	644	100%
Median Gov't–Sponsored Loan Debt Outstanding** ($)	20,000		28,000	

* 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)