

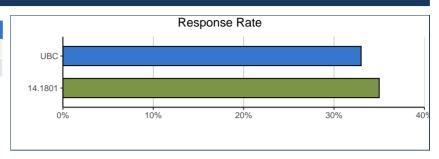
B.C. Baccalaureate Outcomes 2022 Survey of 2020 Baccalaureate Graduates

UBC 14.1801

Detailed Summary of Survey Results University of British Columbia 14.1801: Materials engineering

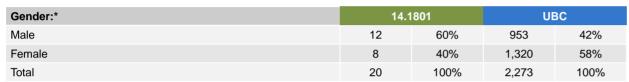
RESPONSE RATE

Survey Response Rate:	14.1801		UBC	
Baccalaureate Graduates Survey Cohort	57	100%	6,879	100%
Survey Respondents and Response Rate	20	35%	2,273	33%

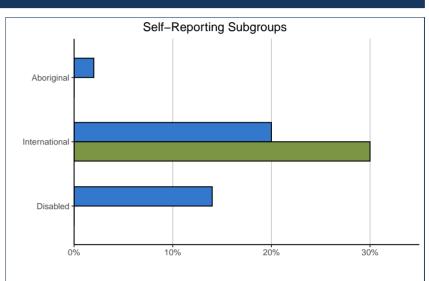


DEMOGRAPHIC INFORMATION

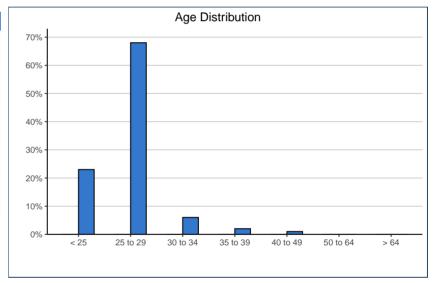
Self-Reporting Subgroups:	14.1801		UBC	
Disabled	~	~	292	14%
International	6	30%	459	20%
Aboriginal	0	0%	41	2%



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

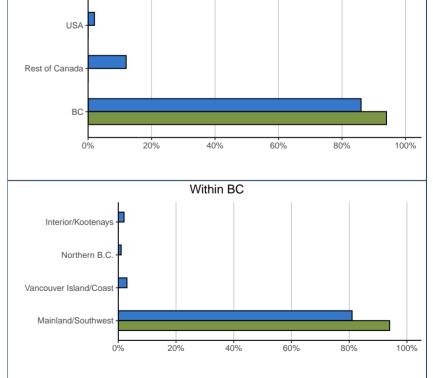


Age (at time of survey):	14.1801		UBC	
< 25	~	~	520	23%
25 to 29	~	~	1,549	68%
30 to 34	~	~	133	6%
35 to 39	0	0%	39	2%
40 to 49	0	0%	21	1%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	20	100%	2,269	100%
Median Age	25		25	
Average (mean) Age	26		26	



Place of Residence

		1001		
Place of Residence (at time of survey):	14.1801		UBC	
BC – Mainland/Southwest	15	94%	1,615	81%
BC - Vancouver Island/Coast	0	0%	50	3%
BC – Northern B.C.	0	0%	12	1%
BC – Interior/Kootenays	0	0%	48	2%
BC Subtotal	15	94%	1,725	86%
Canada – Alberta	0	0%	77	4%
Canada – Ontario	~	~	112	6%
Canada – Other	0	0%	42	2%
U.S.A.	0	0%	42	2%
Non-BC Subtotal	~	~	273	14%
Total	~	~	1,998	100%



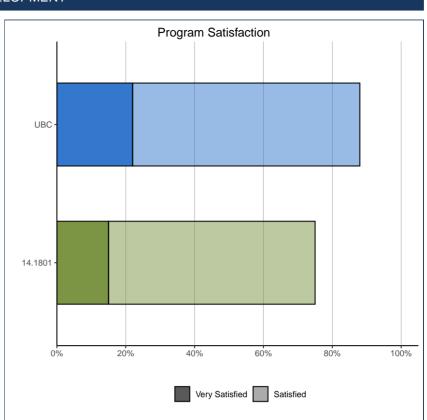


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.1801		UBC	
Very Satisfied	3	15%	490	22%
Satisfied	12	60%	1,486	66%
Dissatisfied	4	20%	221	10%
Very Dissatisfied	1	5%	44	2%
Total	20	100%	2,241	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.1801		UBC	
Very Useful	3	20%	548	31%
Somewhat Useful	8	53%	924	52%
Not Very Useful	1	7%	242	14%
Not at All Useful	3	20%	60	3%
Total	15	100%	1,774	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.1	1801	UBC	
Yes	2	10%	127	6%
No	18	90%	2.107	94%



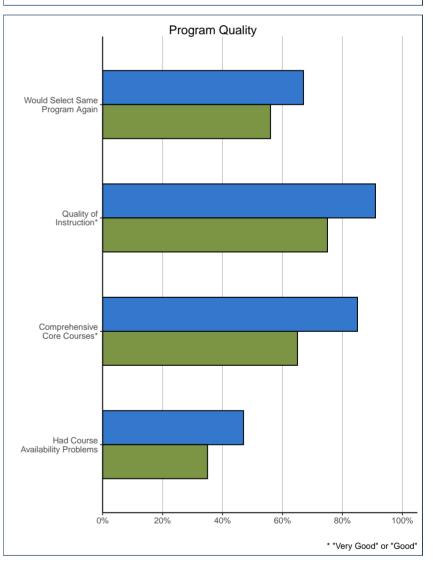
Would select the same program again:	14.1801		UBC	
Yes	10	56%	1,303	67%
No	8	44%	656	33%

Quality of Instruction:	14.1	14.1801		вс
Very Good	5	25%	588	26%
Good	10	50%	1,467	65%
Poor	3	15%	172	8%
Very Poor	2	10%	30	1%
Total	20	100%	2.257	100%

Comprehensiveness of Core Courses:	14.	1801	U	вс
Very Good	4	20%	535	24%
Good	9	45%	1,356	61%
Poor	6	30%	287	13%
Very Poor	1	5%	45	2%
Total	20	100%	2,223	100%

Course Availability:	14.1	1801	UE	BC .
Encountered course availability problems	7	35%	1,043	47%

Financial Constraints:	14.1801		UBC	
Had to interrupt studies for financial reasons	5	25%	155	7%
Had to take program part-time for financial reasons	4	20%	224	10%

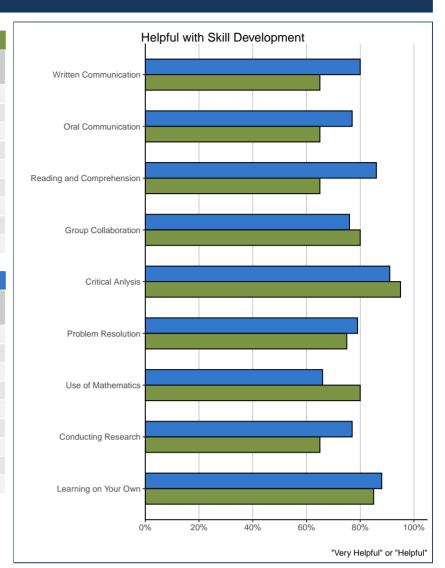




SKILL DEVELOPMENT

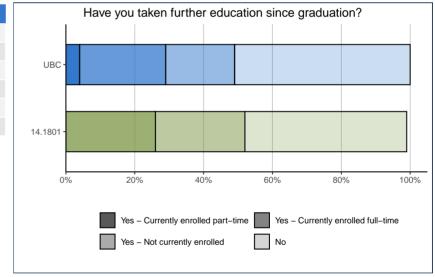
			14.1801		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	20%	45%	35%	0%	20
Oral Communication	20%	45%	35%	0%	20
Reading and Comprehension	20%	45%	35%	0%	20
Group Collaboration	40%	40%	20%	0%	20
Critical Anlysis	45%	50%	5%	0%	20
Problem Resolution	30%	45%	25%	0%	20
Use of Mathematics	35%	45%	20%	0%	20
Conducting Research	35%	30%	35%	0%	20
Learning on Your Own	40%	45%	15%	0%	20

			UBC		
Skill Development: How helpful was institution?	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

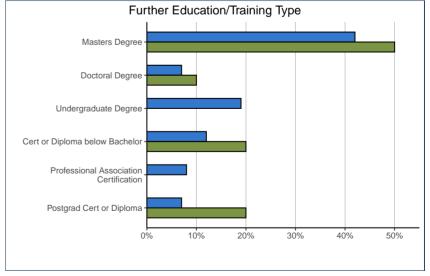


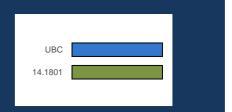
FURTHER EDUCATION

Took further education since 2020 graduation:	14.	14.1801		UBC	
Yes	10	53%	1,119	49%	
Not currently enrolled	5	26%	454	20%	
Currently enrolled full-time	5	26%	559	25%	
Currently enrolled part-time	0	0%	99	4%	
No	9	47%	1,144	51%	
Total	19	100%	2,263	100%	



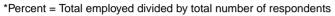
Type of Formal Post–Secondary Education:	14.	14.1801		UBC	
Masters Degree	5	50%	467	42%	
Doctoral Degree	1	10%	82	7%	
Another Undergraduate Degree	0	0%	213	19%	
Certificate or Diploma below Bachelor level	2	20%	133	12%	
Professional Association Certification	0	0%	86	8%	
Postgraduate Certificate or Diploma	2	20%	77	7%	
Other	0	0%	52	5%	
Total	10	100%	1,110	100%	



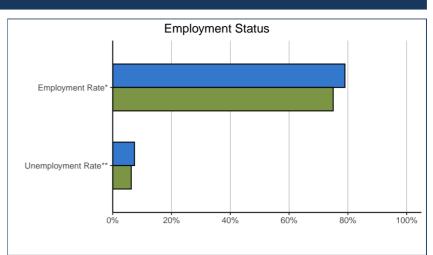


EMPLOYMENT

Labour Fource Status:	14.1801		UBC	
In Labour Force (working or seeking work)	16	80%	1,931	87%
Not in Labour Force	4	20%	296	13%
Total	20	100%	2,227	100%
Employment:	14.1801		UBC	
Employment Rate*	15	75%	1,788	79%
Unemployment Rate**	1	6.3%	143	7.4%



^{**}Percent = Total unemployed divided by total number in Labour Force

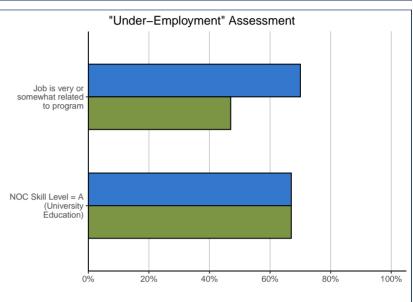


Status of Graduates NOT in Labour Force:	14.1801		UBC	
Attending School FT	4	100%	238	80%
Attending School PT	0	0%	2	1%
Other	0	0%	56	19%
Total NOT in Labour Force	4	100%	296	100%

Primary Employment Type:	14.1801		UBC	
Paid worker	15	100%	1,679	94%
Self-employed	0	0%	106	6%
Total	15	100%	1,785	100%

Job Characteristics:	14.1801		UBC	
I hold more than one job*	1	7%	300	17%
My main job is full-time (>= 30 hours per week)**	13	93%	1,465	86%

^{*}Of total Employed



How related is your main job to your program?	14.1801		UBC	
Very Related	3	20%	628	35%
Somewhat Related	4	27%	621	35%
Not Very Related	5	33%	271	15%
Not at All Related	3	20%	264	15%
Total	15	100%	1,784	100%

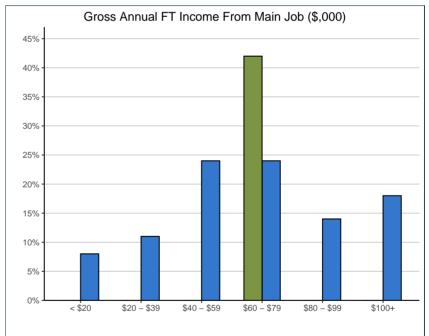
"Under-employment" Assessment:	14.1801		UBC	
Job is very or somewhat related to program	7	47%	1,249	70%
NOC Skill Level = A (University Education)*	10	67%	1,126	67%

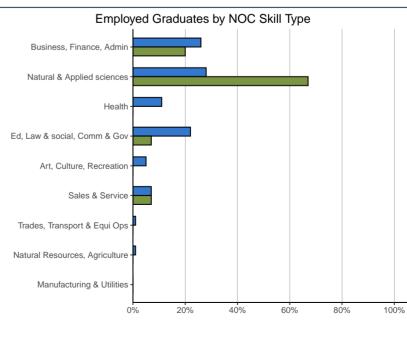
^{*}Of total valid responses

Gross Annual Income from Main Job:*	14.	14.1801		UBC	
Less than \$20,000	~	~	112	8%	
\$20,000 to \$39,999	~	~	151	11%	
\$40,000 to \$59,999	0	0%	321	24%	
\$60,000 to \$79,999	5	42%	326	24%	
\$80,000 to \$99,999	~	~	195	14%	
\$100,000 and Above	~	~	243	18%	
Total	12	100%	1,348	100%	
Median Annual Income (full-time) (\$)	74,611		70,000		
Average Annual Income (full-time) (\$)	82,185		79,724		

^{*}Where data provided

NOC Skill Type of Main Job:	14.1801		UBC	
Business, finance & administration	3	20%	429	26%
Natural & applied sciences & related	10	67%	459	28%
Health	0	0%	183	11%
Education, law and social, community & government	1	7%	361	22%
Art, culture, recreation & sport	0	0%	87	5%
Sales & service	1	7%	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	15	100%	1,669	100%



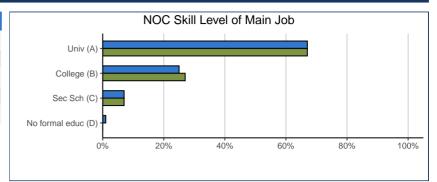


^{**}Of those who provided data on hours/week worked

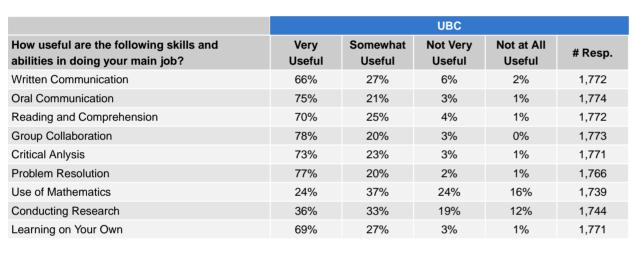


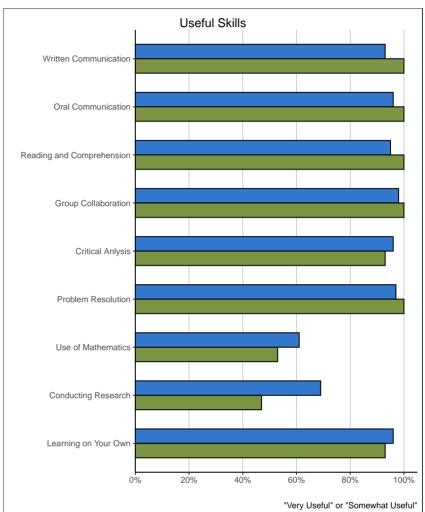
EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.1801		UBC	
A. University education	10	67%	1,126	67%
B. College education/trade apprenticeship	4	27%	415	25%
C. Secondary school + job-specific training	1	7%	121	7%
D. No formal education	0	0%	14	1%
Total	15	100%	1,676	100%



	14.1801				
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	67%	33%	0%	0%	15
Oral Communication	93%	7%	0%	0%	15
Reading and Comprehension	87%	13%	0%	0%	15
Group Collaboration	73%	27%	0%	0%	15
Critical Anlysis	73%	20%	7%	0%	15
Problem Resolution	73%	27%	0%	0%	15
Use of Mathematics	20%	33%	47%	0%	15
Conducting Research	20%	27%	20%	33%	15
Learning on Your Own	60%	33%	7%	0%	15





Top 10 Full-time Occupations of 14.1801 Graduates:		14.1801	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
*			
*			
*			
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 $^{^{\}star}$ 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	0	Unclassified occupations	4%
2174	Α	Computer programmers and interactive media developers	3%
4112	А	Lawyers and Quebec notaries	3%
1123	Α	Professional occupations in advertising, marketing and public relations	3%
4012	А	Post-secondary teaching and research assistants	2%
1112	Α	Financial and investment analysts	2%
1111	Α	Financial auditors and accountants	2%
3131	A	Pharmacists	2%
3012	Α	Registered nurses and registered psychiatric nurses	2%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.	14.1801		BC .
Personal savings, investments	2	10%	624	28%
Employment while studying		30%	1,016	46%
Family/Friends	14	70%	1,541	70%
Personal bank loans	1	5%	116	5%
Government student loans	7	35%	704	32%
Scholarships/Bursaries/Grants	8	40%	771	35%
Other	11	55%	506	23%
Total	20		2,213	

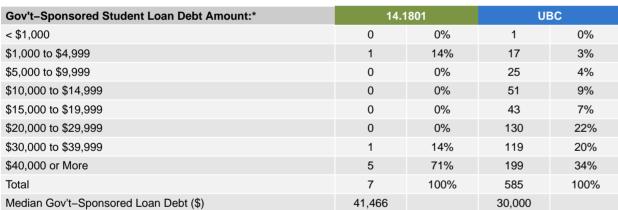
^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	14.1801		UBC	
Incurred any form of financial debt	8	40%	915	41%
Incurred government-sponsored student loan debt	7	35%	777	35%

^{*} Percentage of respondents who provided data



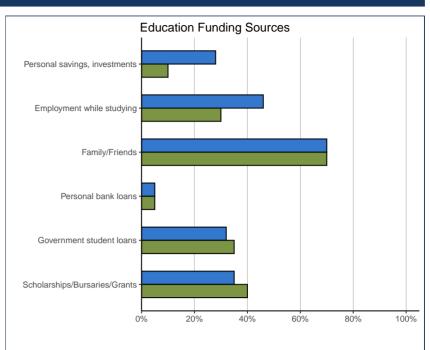
^{*} Includes only cases where financial debt was incurred

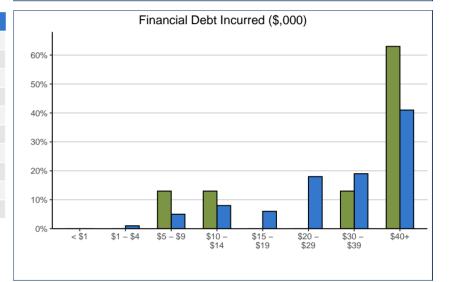


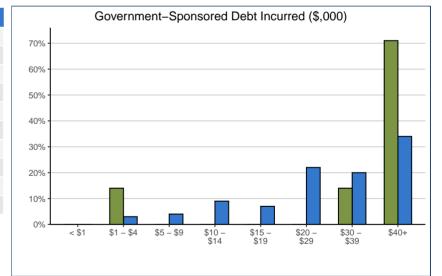
^{*} Includes only cases where government–sponsored debt was incurred

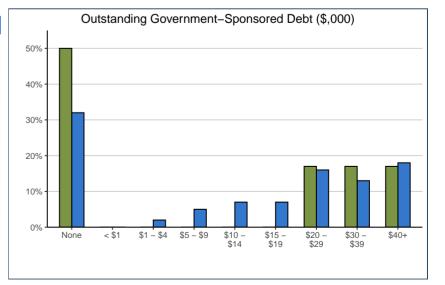


 $^{^{\}star}$ Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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