

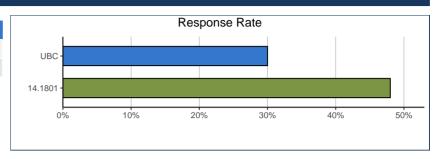
B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

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	40	100%	7,002	100%
Survey Respondents and Response Rate	19	48%	2,067	30%

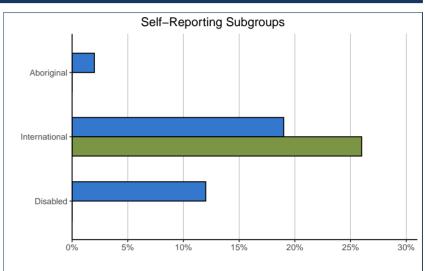


DEMOGRAPHIC INFORMATION

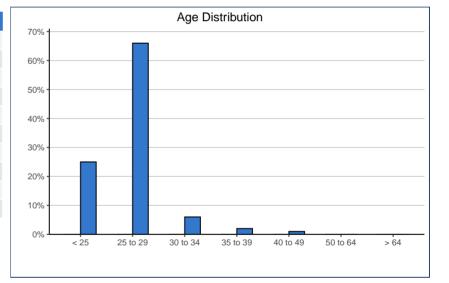
Self-Reporting Subgroups:	14.1801		UBC	
Disabled	~	~	233	12%
International	5	26%	400	19%
Aboriginal	0	0%	28	2%

Gender:*	14.1801		UBC	
Male	8	42%	910	44%
Female	11	58%	1,157	56%
Total	19	100%	2,067	100%

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

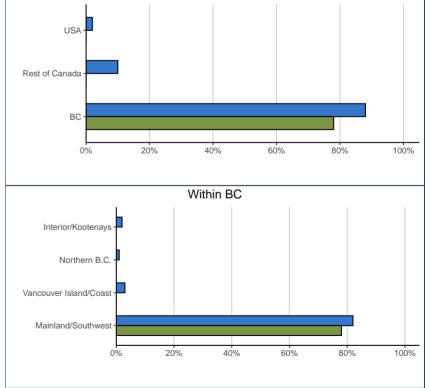


Age (at time of survey):	14.1801		UBC	
< 25	~	~	504	25%
25 to 29	~	~	1,358	66%
30 to 34	~	~	126	6%
35 to 39	0	0%	32	2%
40 to 49	0	0%	28	1%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	19	100%	2,054	100%
Median Age	25		25	
Average (mean) Age	26		26	



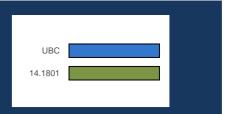
Place of Residence

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Place of Residence (at time of survey):	14.1801		UBC	
BC – Mainland/Southwest	14	78%	1,470	82%
BC - Vancouver Island/Coast	0	0%	45	3%
BC – Northern B.C.	0	0%	21	1%
BC – Interior/Kootenays	0	0%	37	2%
BC Subtotal	14	78%	1,573	88%
Canada – Alberta	~	~	78	4%
Canada – Ontario	~	~	79	4%
Canada – Other	0	0%	32	2%
U.S.A.	~	~	34	2%
Non-BC Subtotal	~	~	223	12%
Total	18	100%	1,796	100%





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



EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.1801		UBC	
Very Satisfied	1	5%	492	24%
Satisfied	15	79%	1,327	65%
Dissatisfied	3	16%	174	9%
Very Dissatisfied	0	0%	43	2%
Total	19	100%	2,036	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.1801		UBC	
Very Useful	4	25%	545	35%
Somewhat Useful	7	44%	723	46%
Not Very Useful	2	13%	231	15%
Not at All Useful	3	19%	63	4%
Total	16	100%	1,562	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.	14.1801		UBC	
Yes	1	6%	132	6%	
No	17	94%	1,901	94%	



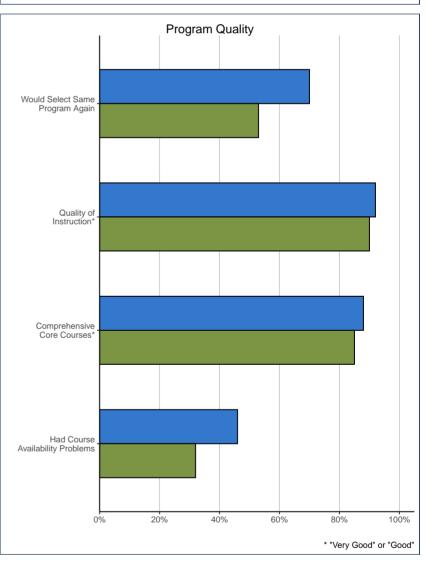
Would select the same program again:	14.1801		UBC	
Yes	8	53%	1,257	70%
No	7	47%	532	30%

Quality of Instruction:	14.	14.1801		UBC	
Very Good	2	11%	571	28%	
Good	15	79%	1,313	64%	
Poor	2	11%	141	7%	
Very Poor	0	0%	26	1%	
Total	19	100%	2,051	100%	

Comprehensiveness of Core Courses:	14.	14.1801		UBC	
Very Good	2	11%	523	26%	
Good	14	74%	1,252	62%	
Poor	3	16%	207	10%	
Very Poor	0	0%	38	2%	
Total	19	100%	2,020	100%	

Course Availability:	14.1	1801	UE	RC.
Course / trainability:	14.1001		320	
Encountered course availability problems	6	32%	916	46%

Financial Constraints:	14.1801		UI	ВС
Had to interrupt studies for financial reasons	1	5%	116	6%
Had to take program part-time for financial reasons	0	0%	178	9%



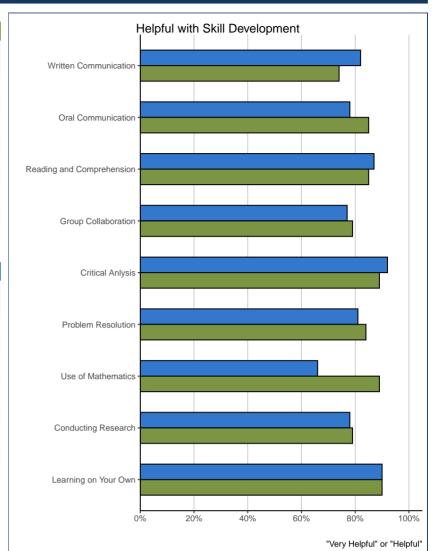
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SKILL DEVELOPMENT

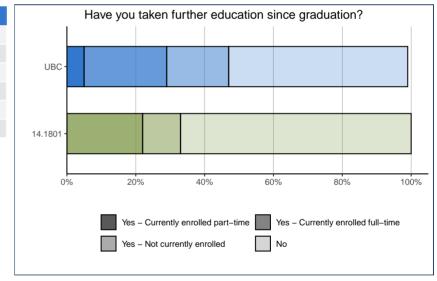
			14.1801		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	16%	58%	26%	0%	19
Oral Communication	11%	74%	11%	5%	19
Reading and Comprehension	11%	74%	16%	0%	19
Group Collaboration	37%	42%	21%	0%	19
Critical Anlysis	42%	47%	5%	5%	19
Problem Resolution	21%	63%	16%	0%	19
Use of Mathematics	21%	68%	11%	0%	19
Conducting Research	5%	74%	16%	5%	19
Learning on Your Own	37%	53%	11%	0%	19

			UBC		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	25%	57%	15%	3%	2,007
Oral Communication	23%	55%	19%	3%	2,013
Reading and Comprehension	33%	54%	11%	2%	2,033
Group Collaboration	26%	51%	19%	4%	2,030
Critical Anlysis	45%	47%	7%	2%	2,052
Problem Resolution	26%	55%	16%	3%	2,015
Use of Mathematics	20%	46%	24%	9%	1,657
Conducting Research	30%	48%	17%	4%	1,966
Learning on Your Own	43%	47%	9%	2%	2,037

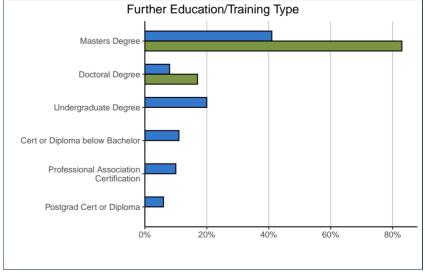


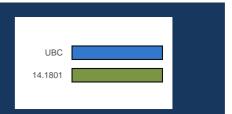
FURTHER EDUCATION

Took further education since 2021 graduation:	14.1	14.1801		ВС
Yes	6	33%	980	48%
Not currently enrolled	2	11%	370	18%
Currently enrolled full-time	4	22%	498	24%
Currently enrolled part-time	0	0%	103	5%
No	12	67%	1,070	52%
Total	18	100%	2,050	100%



Type of Formal Post–Secondary Education:	14.	14.1801		ВС
Masters Degree	5	83%	399	41%
Doctoral Degree	1	17%	78	8%
Another Undergraduate Degree	0	0%	198	20%
Certificate or Diploma below Bachelor level	0	0%	103	11%
Professional Association Certification	0	0%	102	10%
Postgraduate Certificate or Diploma	0	0%	61	6%
Other	0	0%	32	3%
Total	6	100%	973	100%





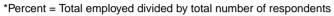
EMPLOYMENT

177

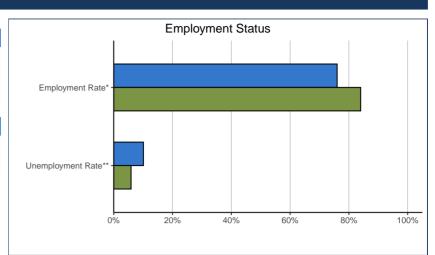
10.1%

5.9%

Labour Fource Status:	14.1801		UBC			
In Labour Force (working or seeking work)	17	89%	1,746	86%		
Not in Labour Force	2	11%	277	14%		
Total	19	100%	2,023	100%		
Employment:	14.1801		14.1801		UE	ВС
Employment Rate*	16	84%	1,569	76%		



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



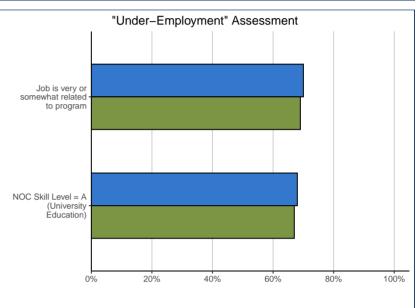
Status of Graduates NOT in Labour Force:	14.1801		UI	зс
Attending School FT	2	100%	220	79%
Attending School PT	0	0%	7	3%
Other	0	0%	50	18%
Total NOT in Labour Force	2	100%	277	100%

Primary Employment Type:	14.1801		UE	вс
Paid worker	16	100%	1,480	95%
Self-employed	0	0%	82	5%
Total	16	100%	1,562	100%

Job Characteristics:	14.1801		UE	BC .
I hold more than one job*	1	6%	232	15%
My main job is full-time (>= 30 hours per week)**	14	93%	1,295	87%

^{*}Of total Employed

Unemployment Rate**



How related is your main job to your program?	14.1801		UE	BC
Very Related	3	19%	592	38%
Somewhat Related	8	50%	493	32%
Not Very Related	2	13%	230	15%
Not at All Related	3	19%	245	16%
Total	16	100%	1,560	100%

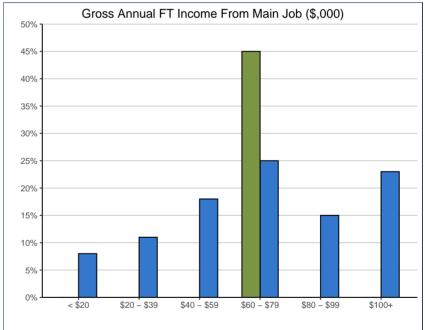
"Under-employment" Assessment:	14.1801		UBC	
Job is very or somewhat related to program	11	69%	1,085	70%
NOC Skill Level = A (University Education)*	8	67%	969	68%

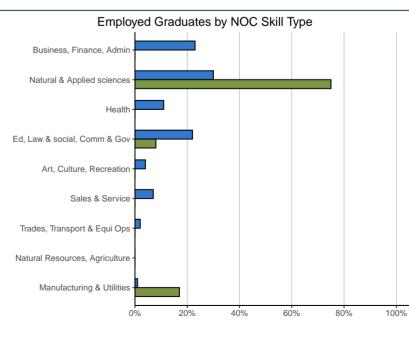
^{*}Of total valid responses

Gross Annual Income from Main Job:*	14.1801		UBC	
Less than \$20,000	0	0%	101	8%
\$20,000 to \$39,999	0	0%	130	11%
\$40,000 to \$59,999	~	~	222	18%
\$60,000 to \$79,999	5	45%	297	25%
\$80,000 to \$99,999	~	~	185	15%
\$100,000 and Above	~	~	274	23%
Total	11	100%	1,209	100%
Median Annual Income (full-time) (\$)	79,000		73,750	
Average Annual Income (full-time) (\$)	79,980		84,372	

^{*}Where data provided

NOC Skill Type of Main Job:	14.1801		UBC	
Business, finance & administration		0%	322	23%
Natural & applied sciences & related	9	75%	433	30%
Health	0	0%	162	11%
Education, law and social, community & government	1	8%	314	22%
Art, culture, recreation & sport	0	0%	54	4%
Sales & service	0	0%	102	7%
Trades, transport & equipment operators & related	0	0%	25	2%
Natural resources, agriculture & related production	0	0%	6	0%
Manufacturing & utilities	2	17%	12	1%
Total	12	100%	1,430	100%

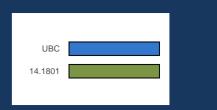




^{**}Of those who provided data on hours/week worked

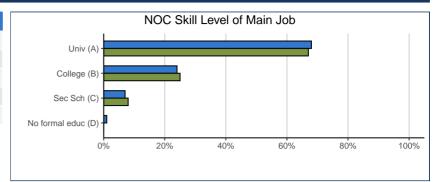


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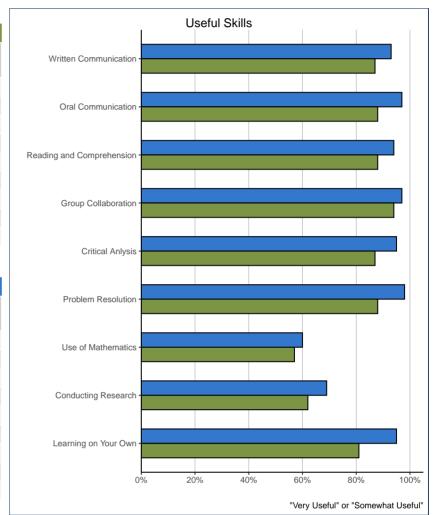
EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.1801		UBC	
A. University education	8	67%	969	68%
B. College education/trade apprenticeship	3	25%	349	24%
C. Secondary school + job-specific training	1	8%	99	7%
D. No formal education	0	0%	18	1%
Total	12	100%	1,435	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	56%	31%	13%	0%	16
Oral Communication	63%	25%	13%	0%	16
Reading and Comprehension	50%	38%	13%	0%	16
Group Collaboration	67%	27%	7%	0%	15
Critical Anlysis	56%	31%	6%	6%	16
Problem Resolution	63%	25%	6%	6%	16
Use of Mathematics	19%	38%	38%	6%	16
Conducting Research	31%	31%	25%	13%	16
Learning on Your Own	50%	31%	19%	0%	16

	UBC				
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%	23%	5%	2%	1,559
Oral Communication	77%	20%	2%	1%	1,560
Reading and Comprehension	69%	25%	4%	1%	1,556
Group Collaboration	78%	19%	3%	1%	1,558
Critical Anlysis	75%	20%	4%	1%	1,558
Problem Resolution	79%	19%	2%	1%	1,557
Use of Mathematics	22%	38%	26%	14%	1,522
Conducting Research	37%	32%	19%	12%	1,531
Learning on Your Own	71%	24%	3%	2%	1,556



Top 10 Full-t	time Occupations of 14.1801	aduates:	14.1801
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
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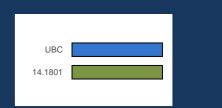
^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed

Top 10 Full-time Occupations of UBC Graduates:		UBC	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2173	A	Software engineers and designers	6%
XXXX	0	Unclassified occupations	6%
2174	A	Computer programmers and interactive media developers	3%
1123	A	Professional occupations in advertising, marketing and public relations	3%
4112	A	Lawyers and Quebec notaries	3%
3131	А	Pharmacists	2%
2172	Α	Database analysts and data administrators	2%
2131	A	Civil engineers	2%
3012	A	Registered nurses and registered psychiatric nurses	2%
1241	В	Administrative assistants	2%

^{*} Data not displayed where n < 5

^{**} Percentages cited are of those employed



EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.1801		UE	BC
Personal savings, investments	4	4 22%		28%
Employment while studying		39%	802	40%
Family/Friends	10	56%	1,472	73%
Personal bank loans	1	6%	105	5%
Government student loans	5	28%	654	32%
Scholarships/Bursaries/Grants	13	72%	658	32%
Other	7	39%	505	25%
Total	18		2,025	

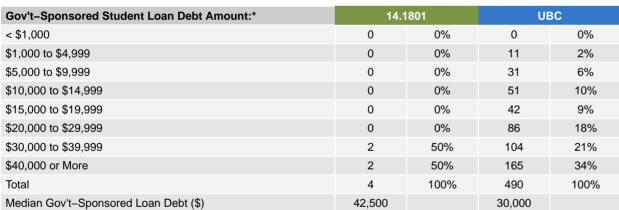


Financial Debt Incurred to Finance Bac. Ed.:*	14.1801		UBC	
Incurred any form of financial debt	5	28%	835	41%
Incurred government-sponsored student loan debt	5	26%	719	35%

^{*} Percentage of respondents who provided data



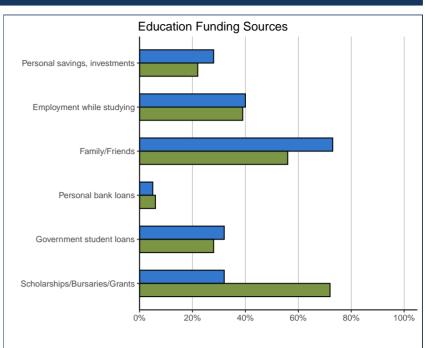
^{*} Includes only cases where financial debt was incurred

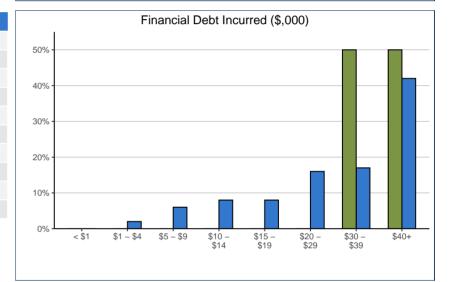


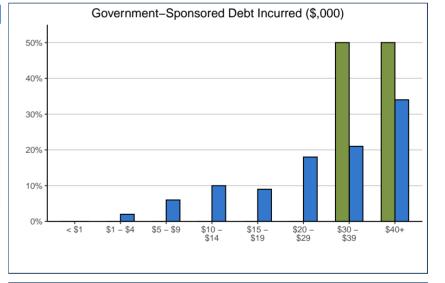
^{*} Includes only cases where government-sponsored debt was incurred

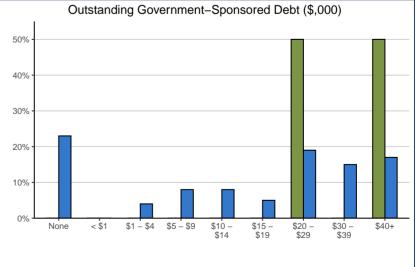


 $^{^{\}star}$ Includes only cases where government–sponsored debt was incurred, and valid "amount remaining" was provided









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