

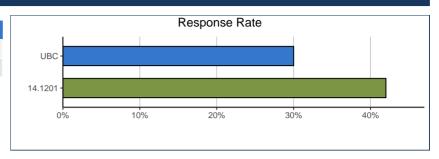
B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

UBC 14.1201

Detailed Summary of Survey Results
University of British Columbia
14.1201: Engineering physics/applied physics

RESPONSE RATE

Survey Response Rate:	14.1201		UBC	
Baccalaureate Graduates Survey Cohort	55	100%	7,002	100%
Survey Respondents and Response Rate	23	42%	2,067	30%

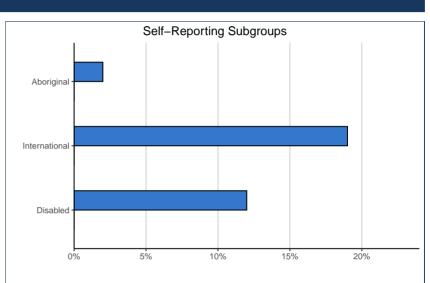


DEMOGRAPHIC INFORMATION

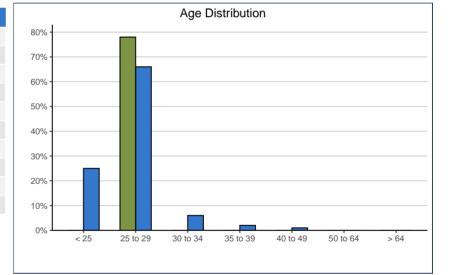
Self-Reporting Subgroups:	14.1201		UBC	
Disabled	~	~	233	12%
International	~	~	400	19%
Aboriginal	0	0%	28	2%

Gender:*	14.1201		UBC	
Male	~	~	910	44%
Female	~	~	1,157	56%
Total	23	100%	2,067	100%

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

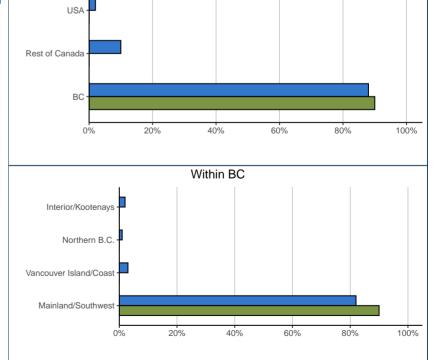


Age (at time of survey):	14.1201		UBC	
< 25	~	~	504	25%
25 to 29	18	78%	1,358	66%
30 to 34	~	~	126	6%
35 to 39	~	~	32	2%
40 to 49	0	0%	28	1%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	23	100%	2,054	100%
Median Age	26		25	
Average (mean) Age	26		26	

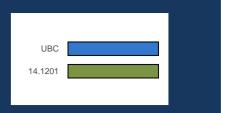


Place of Residence

Place of Residence (at time of survey):	sidence (at time of survey): 14.1201		UBC		
BC – Mainland/Southwest	18	18 90%		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	18	90%	1,573	88%	
Canada – Alberta	0	0%	78	4%	
Canada – Ontario	~	~	79	4%	
Canada – Other	0	0%	32	2%	
U.S.A.	~	~	34	2%	
Non-BC Subtotal	~	~	223	12%	
Total	~	~	1,796	100%	







EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.1201		UBC	
Very Satisfied	16	70%	492	24%
Satisfied	7	30%	1,327	65%
Dissatisfied	0	0%	174	9%
Very Dissatisfied	0	0%	43	2%
Total	23	100%	2,036	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.	14.1201		UBC		
Very Useful	10	56%	545	35%		
Somewhat Useful	7	39%	723	46%		
Not Very Useful	1	6%	231	15%		
Not at All Useful	0	0%	63	4%		
Total	18	100%	1,562	100%		

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.1	1201	UBC	
Yes	1	4%	132	6%
No	22	96%	1,901	94%



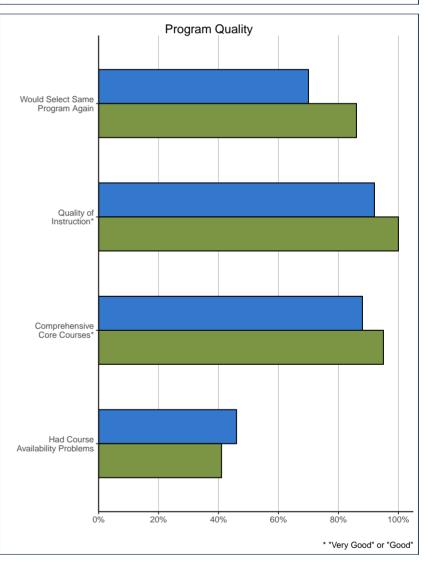
Would select the same program again:	14.1201		UBC	
Yes	19	86%	1,257	70%
No	3	14%	532	30%

Quality of Instruction:	14.	14.1201		UBC	
Very Good	9	39%	571	28%	
Good	14	61%	1,313	64%	
Poor	0	0%	141	7%	
Very Poor	0	0%	26	1%	
Total	23	100%	2.051	100%	

Comprehensiveness of Core Courses:	14.1	14.1201		UBC	
Very Good	12	52%	523	26%	
Good	10	43%	1,252	62%	
Poor	1	4%	207	10%	
Very Poor	0	0%	38	2%	
Total	23	100%	2,020	100%	

Course Availability:	14.1201		UBC	
Encountered course availability problems	9	41%	916	46%

Financial Constraints:	14.1201		U	вс
Had to interrupt studies for financial reasons	1	4%	116	6%
Had to take program part-time for financial reasons	1	4%	178	9%



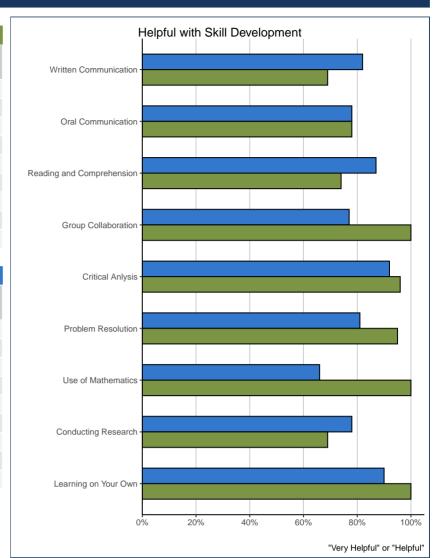




SKILL DEVELOPMENT

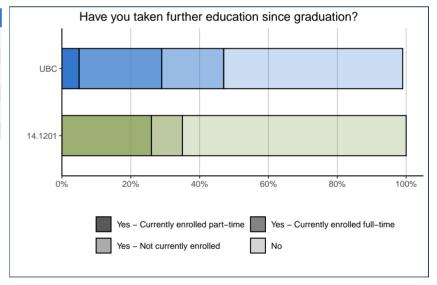
			14.1201		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	17%	52%	26%	4%	23
Oral Communication	17%	61%	17%	4%	23
Reading and Comprehension	13%	61%	26%	0%	23
Group Collaboration	61%	39%	0%	0%	23
Critical Anlysis	74%	22%	4%	0%	23
Problem Resolution	78%	17%	4%	0%	23
Use of Mathematics	87%	13%	0%	0%	23
Conducting Research	17%	52%	22%	9%	23
Learning on Your Own	83%	17%	0%	0%	23

			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

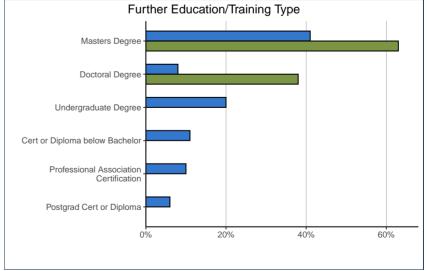


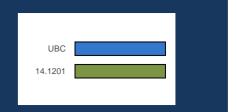
FURTHER EDUCATION

Took further education since 2021 graduation:	14.	14.1201		ВС
Yes	8	35%	980	48%
Not currently enrolled	2	9%	370	18%
Currently enrolled full-time	6	26%	498	24%
Currently enrolled part-time	0	0%	103	5%
No	15	65%	1,070	52%
Total	23	100%	2.050	100%



Type of Formal Post–Secondary Education:	14.	14.1201		ВС
Masters Degree	5	63%	399	41%
Doctoral Degree	3	38%	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	8	100%	973	100%

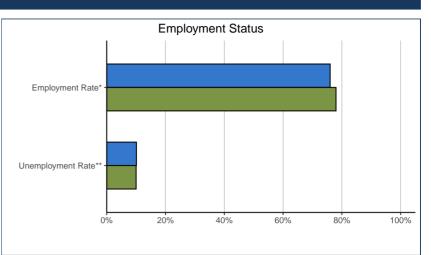




EMPLOYMENT

Labour Fource Status:	14	14.1201		ВС
In Labour Force (working or seeking work)	20	87%	1,746	86%
Not in Labour Force	3	13%	277	14%
Total	23	100%	2,023	100%
Employment:	14	14.1201		BC .
Employment Rate*	18	78%	1,569	76%
Unemployment Rate**	2	10.0%	177	10.1%

^{*}Percent = Total employed divided by total number of respondents

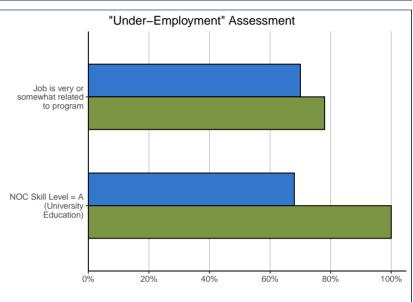


Status of Graduates NOT in Labour Force:	14.1201		UBC	
Attending School FT	3	100%	220	79%
Attending School PT	0	0%	7	3%
Other	0	0%	50	18%
Total NOT in Labour Force	3	100%	277	100%

Primary Employment Type:	14.1201		UE	ВС
Paid worker	18	100%	1,480	95%
Self-employed	0	0%	82	5%
Total	18	100%	1,562	100%

Job Characteristics:	14.1201		UI	вс
I hold more than one job*	0	0%	232	15%
My main job is full-time (>= 30 hours per week)**	18	100%	1,295	87%

^{*}Of total Employed



How related is your main job to your program?	14.1201		UBC	
Very Related	3	17%	592	38%
Somewhat Related	11	61%	493	32%
Not Very Related	4	22%	230	15%
Not at All Related	0	0%	245	16%
Total	18	100%	1,560	100%

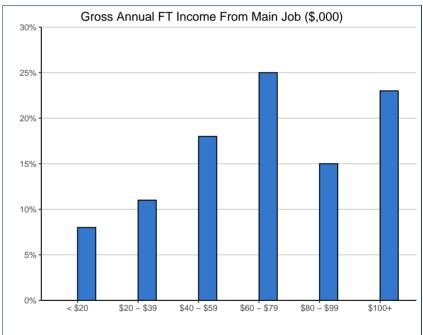
"Under-employment" Assessment:	14.1201		UBC	
Job is very or somewhat related to program	14	78%	1,085	70%
NOC Skill Level = A (University Education)*	18	100%	969	68%

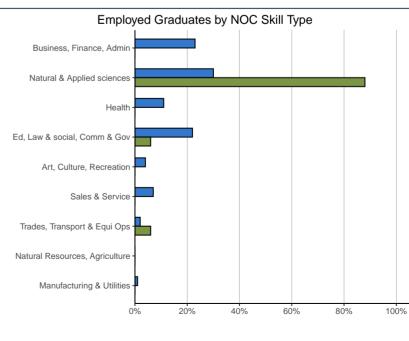
^{*}Of total valid responses

Gross Annual Income from Main Job:*	14.	14.1201		ВС
Less than \$20,000	0	0%	101	8%
\$20,000 to \$39,999	0	0%	130	11%
\$40,000 to \$59,999	0	0%	222	18%
\$60,000 to \$79,999	~	~	297	25%
\$80,000 to \$99,999	~	~	185	15%
\$100,000 and Above	~	~	274	23%
Total	18	100%	1,209	100%
Median Annual Income (full-time) (\$)	130,250		73,750	
Average Annual Income (full-time) (\$)	169,015		84,372	

*Where data provided

NOC Skill Type of Main Job:	14.1201		UBC	
Business, finance & administration	0	0%	322	23%
Natural & applied sciences & related	15	88%	433	30%
Health		0%	162	11%
Education, law and social, community & government	1	6%	314	22%
Art, culture, recreation & sport	0	0%	54	4%
Sales & service	0	0%	102	7%
Trades, transport & equipment operators & related	1	6%	25	2%
Natural resources, agriculture & related production	0	0%	6	0%
Manufacturing & utilities	0	0%	12	1%
Total	17	100%	1,430	100%

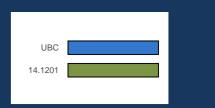




^{**}Percent = Total unemployed divided by total number in Labour Force

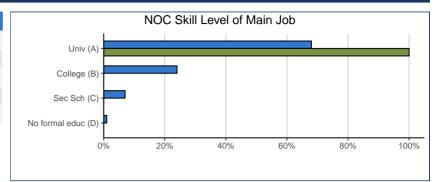
^{**}Of those who provided data on hours/week worked



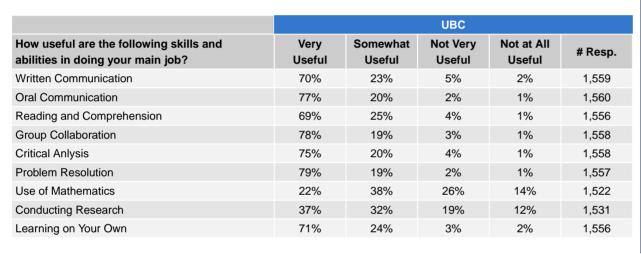


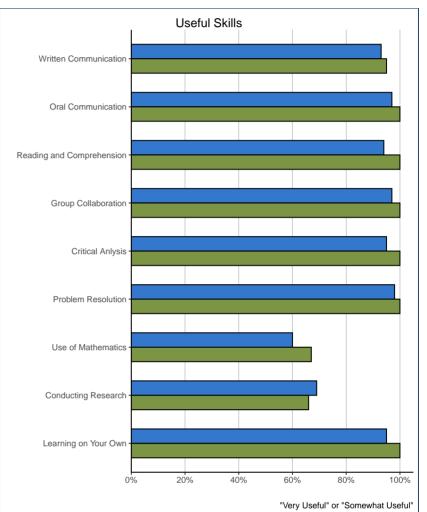
EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.1201		UBC	
A. University education		100%	969	68%
B. College education/trade apprenticeship	0	0%	349	24%
C. Secondary school + job-specific training	0	0%	99	7%
D. No formal education	0	0%	18	1%
Total	18	100%	1,435	100%



	14.1201				
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%	28%	6%	0%	18
Oral Communication	100%	0%	0%	0%	18
Reading and Comprehension	78%	22%	0%	0%	18
Group Collaboration	89%	11%	0%	0%	18
Critical Anlysis	89%	11%	0%	0%	18
Problem Resolution	94%	6%	0%	0%	18
Use of Mathematics	39%	28%	22%	11%	18
Conducting Research	44%	22%	28%	6%	18
Learning on Your Own	94%	6%	0%	0%	18





Top 10 Full-time Occupations of 14.1201 Graduates:		14.1201	
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2173	Α	Software engineers and designers	28%
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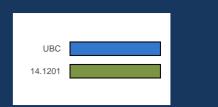
 $^{^{\}star}$ Data not displayed where n < 5

^{**} 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	Α	Software engineers and designers	6%
XXXX	0	Unclassified occupations	6%
2174	Α	Computer programmers and interactive media developers	3%
1123	Α	Professional occupations in advertising, marketing and public relations	3%
4112	Α	Lawyers and Quebec notaries	3%
3131	Α	Pharmacists	2%
2172	Α	Database analysts and data administrators	2%
2131	Α	Civil engineers	2%
3012	Α	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.	14.1201		UBC	
Personal savings, investments		35%	566	28%	
Employment while studying		9%	802	40%	
Family/Friends	18	78%	1,472	73%	
Personal bank loans	0	0%	105	5%	
Government student loans	9	39%	654	32%	
Scholarships/Bursaries/Grants	9	39%	658	32%	
Other	17	74%	505	25%	
Total	23		2,025		

^{*} Percentage of respondents who identified this source

Financial Debt Incurred to Finance Bac. Ed.:*	14.1201		UBC	
Incurred any form of financial debt	9	39%	835	41%
Incurred government-sponsored student loan debt	9	39%	719	35%

^{*} Percentage of respondents who provided data



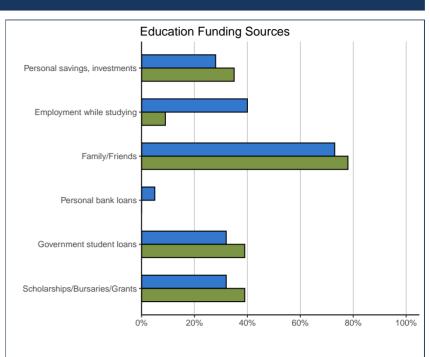
^{*} Includes only cases where financial debt was incurred

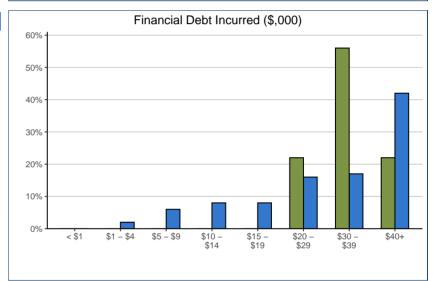


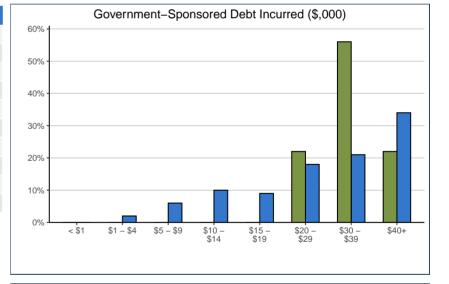
^{*} Includes only cases where government-sponsored debt was incurred

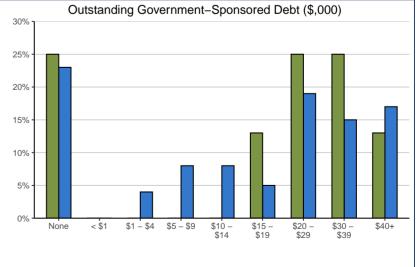


^{*} Includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided









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