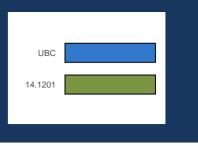
B.C. Baccalaureate Outcomes

2024 Survey of 2022 Baccalaureate Graduates

☑ BC Student ☑ Outcomes

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



20%

25%

30%

RESPONSE RATE												
Survey Response Rate:	14.	1201	UI	вС				Respon	se Rate			
Baccalaureate Graduates Survey Cohort	69	100%	6,530	100%	UBC							
Survey Respondents and Response Rate	20	29%	1,566	24%	000							
					14.1201				·	1		

DEMOGRAPHIC INFORMATION

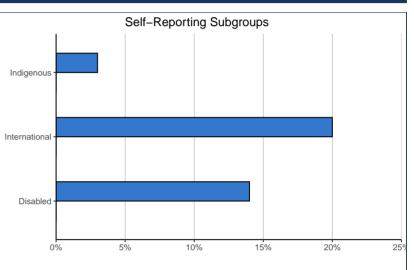
0%

5%

10%

Self-Reporting Subgroups: 14.1201 UBC Disabled ~ ~ 209 14% International ~ ~ 318 20% Indigenous ~ ~ 34 3%

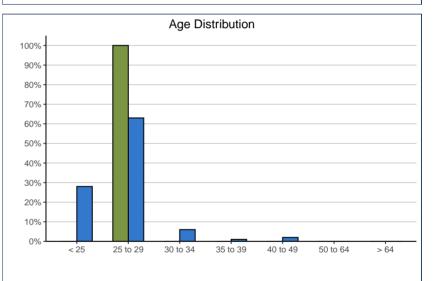
Gender:*	14.1201		UBC	
Man/Boy	15	75%	744	48%
Woman/Girl	5	25%	819	52%
Total	20	100%	1,563	100%



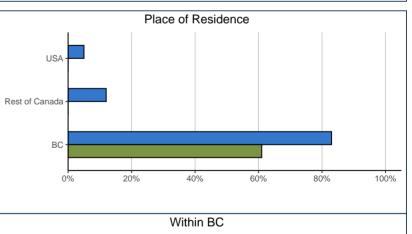
15%

*Due to zero or low counts, institution-reported "Non-Binary" demographic data are not included

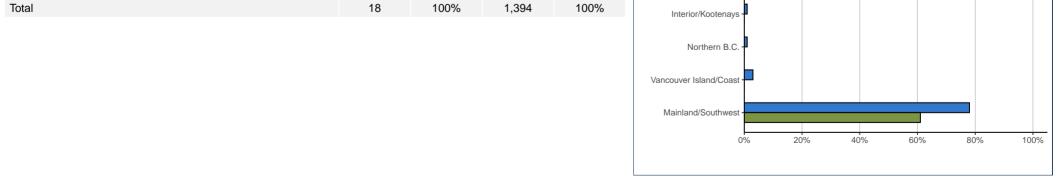
Age (at time of survey):	14	14.1201		BC
< 25	0	0%	437	28%
25 to 29	19	100%	975	63%
30 to 34	0	0%	92	6%
35 to 39	0	0%	21	1%
40 to 49	0	0%	24	2%
50 to 64	0	0%	5	0%
> 64	0	0%	0	0%
Total	19	100%	1,554	100%
Median Age	26		25	
Average (mean) Age	26		26	



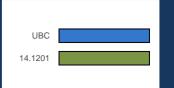
Place of Residence (at time of survey):	14.	14.1201		UBC	
BC – Mainland/Southwest	11	61%	1,085	78%	
BC - Vancouver Island/Coast	0	0%	36	3%	
BC – Northern B.C.	0	0%	10	1%	
BC – Interior/Kootenays	0	0%	20	1%	
BC Subtotal	11	61%	1,151	83%	
Canada – Alberta	~	~	57	4%	
Canada – Ontario	~	~	90	6%	
Canada – Other	0	0%	31	2%	
U.S.A.	~	~	65	5%	
Non-BC Subtotal	7	39%	243	17%	



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

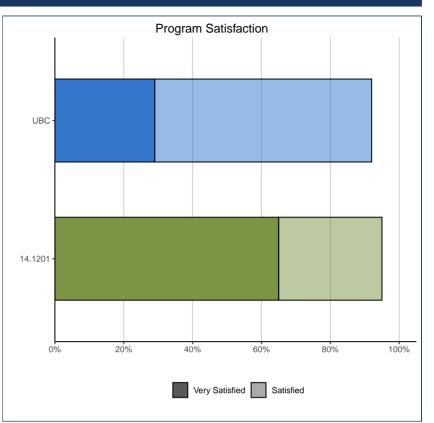


EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.1201		UBC	
Very Satisfied	13	65%	444	29%
Satisfied	6	30%	976	63%
Dissatisfied	1	5%	110	7%
Very Dissatisfied	0	0%	21	1%
Total	20	100%	1,551	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.1	201	UBC		
Very Useful	9	69%	415	36%	
Somewhat Useful	4	31%	573	50%	
Not Very Useful	0	0%	132	11%	
Not at All Useful	0	0%	33	3%	
Total	13	100%	1,153	100%	

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.1201		UBC	
Yes	1	5%	73	5%
No	19	95%	1,468	95%



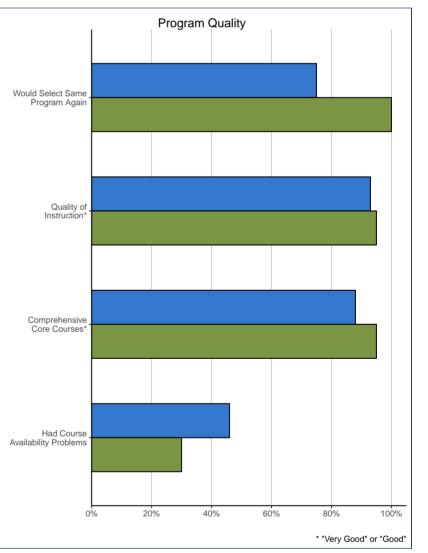
Would select the same program again:	14.1201		UBC	
Yes	20	100%	1,018	75%
No	0	0%	343	25%

Quality of Instruction:	14.1201		UBC	
Very Good	11	55%	470	30%
Good	8	40%	982	63%
Poor	1	5%	90	6%
Very Poor	0	0%	13	1%
Total	20	100%	1,555	100%

Comprehensiveness of Core Courses:	14.1201		UBC	
Very Good	10	50%	450	29%
Good	9	45%	910	59%
Poor	1	5%	150	10%
Very Poor	0	0%	21	1%
Total	20	100%	1,531	100%

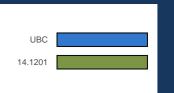
Course Availability:	14.1201		UBC	
Encountered course availability problems	6 30%		704	46%

Financial Constraints:	14.1201		UBC	
Had to interrupt studies for financial reasons	0	0%	72	5%
Had to take program part-time for financial reasons	0	0%	115	7%



Note: \sim indicates low cell count; data suppressed

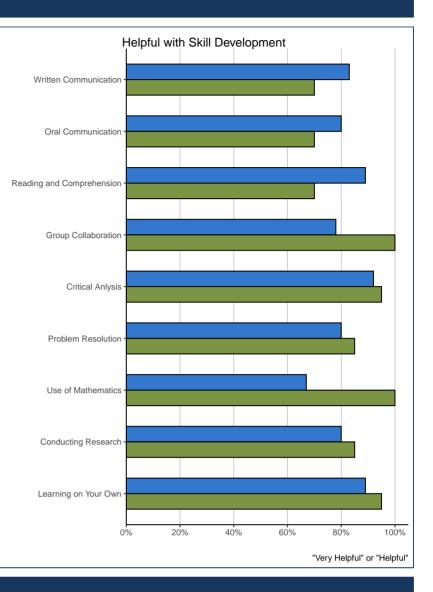
Detailed Summary of Survey Results University of British Columbia 14.1201: Engineering physics/applied physics

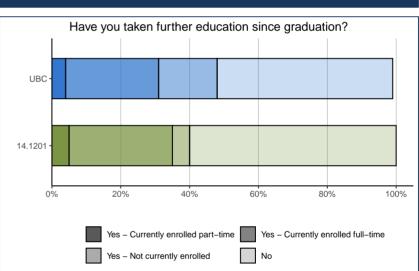


SKILL DEVELOPMENT

		14.1201				
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.	
Written Communication	25%	45%	30%	0%	20	
Oral Communication	35%	35%	20%	10%	20	
Reading and Comprehension	40%	30%	25%	5%	20	
Group Collaboration	70%	30%	0%	0%	20	
Critical Anlysis	85%	10%	5%	0%	20	
Problem Resolution	50%	35%	15%	0%	20	
Use of Mathematics	85%	15%	0%	0%	20	
Conducting Research	30%	55%	15%	0%	20	
Learning on Your Own	75%	20%	0%	5%	20	

			UBC		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	27%	56%	15%	2%	1,538
Oral Communication	25%	55%	18%	3%	1,534
Reading and Comprehension	36%	53%	10%	1%	1,539
Group Collaboration	30%	48%	18%	3%	1,541
Critical Anlysis	48%	44%	6%	1%	1,556
Problem Resolution	26%	54%	18%	2%	1,518
Use of Mathematics	23%	44%	25%	7%	1,198
Conducting Research	35%	45%	17%	3%	1,477
Learning on Your Own	43%	46%	9%	2%	1,540





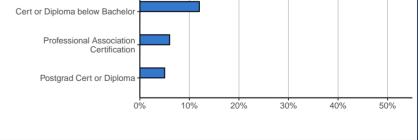
Further Education/Training Type Master's Degree Doctoral Degree Undergraduate Degree

FURTHER EDUCATION

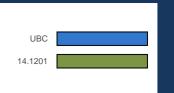
Took further education since 2022 graduation:	14.1201		UBC	
Yes	8	40%	760	49%
Not currently enrolled	1	5%	268	17%
Currently enrolled full-time	6	30%	419	27%
Currently enrolled part-time	1	5%	68	4%
No	12	60%	796	51%
Total	20	100%	1,556	100%

Type of Formal Post–Secondary Education:	14.	1201	UBC	
Master's Degree	3	38%	323	43%
Doctoral Degree	4	50%	72	10%
Another Undergraduate Degree	0	0%	167	22%
Certificate or Diploma below Bachelor Level	0	0%	91	12%
Professional Association Certification	0	0%	44	6%
Postgraduate Certificate or Diploma	0	0%	36	5%

r colgraduate contineate of Dipienta	Ū	070	00	0,0
Other	1	13%	24	3%
Total	8	100%	757	100%



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

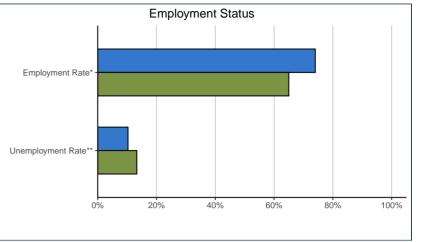


EMPLOYMENT

		1004		
Labour Fource Status:	14.1	1201	UBC	
In Labour Force (working or seeking work)	15	75%	1,299	85%
Not in Labour Force	5	25%	225	15%
Total	20	100%	1,524	100%
Employment:	14.1201		UBC	
Employment Rate*	13	65%	1,165	74%
Unemployment Rate**	2	13.3%	134	10.3%

*Percent = Total employed divided by total number of respondents

**Percent = Total unemployed divided by total number in labour force



Status of Graduates NOT in Labour Force:	14.1201		UBC	
Attending School FT	3	60%	179	80%
Attending School PT	0	0%	7	3%
Other	2	40%	39	17%
Total NOT in Labour Force	5	100%	225	100%

Primary Employment Type:	14.1201		UBC	
Paid Worker	13	100%	1,072	92%
Self-Employed	0	0%	93	8%
Total	13	100%	1,165	100%

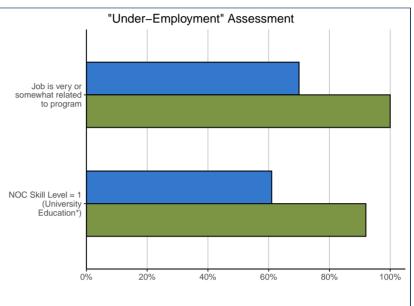
Job Characteristics:	14.	14.1201		BC
I hold more than one job*	0	0%	175	15%
My main job is full-time (>= 30 hours per week)**	12	92%	941	86%
*Of total employed				

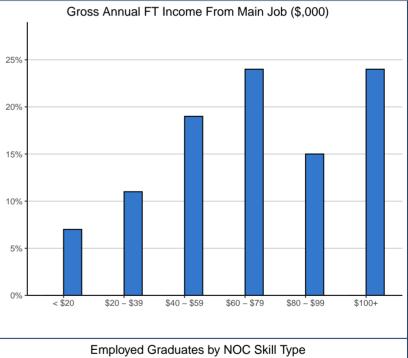


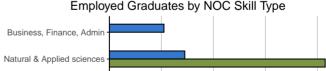
How related is your main job to your program?	14.	14.1201		BC
Very Related	7	54%	457	39%
Somewhat Related	6	46%	361	31%
Not Very Related	0	0%	168	14%
Not at All Related	0	0%	175	15%
Total	13	100%	1,161	100%

"Under-Employment" Assessment:	14.1201		U	BC
Job is very or somewhat related to program	13	100%	818	70%
NOC Skill Level = 1 (University Education)*	11	92%	672	61%
*Of total valid responses; NOC 2021 (TEER)				

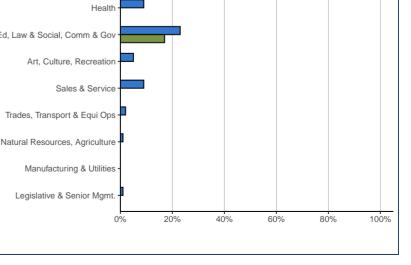
Gross Annual Income from Main Job:*	14.	14.1201		UBC	
Less than \$20,000	0	0%	64	7%	
\$20,000 to \$39,999	~	~	93	11%	
\$40,000 to \$59,999	~	~	172	19%	
\$60,000 to \$79,999	0	0%	209	24%	
\$80,000 to \$99,999	~	~	137	15%	
\$100,000 and Above	~	~	209	24%	
Total	11	100%	884	100%	
Median Annual Income (full-time) (\$)	130,938		75,000		
Average Annual Income (full-time) (\$)	130,312		87,000		
*Where data provided					





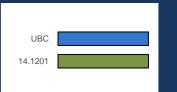


NOC Skill Type of Main Job (NOC 2021):	14.1	14.1201		BC
Legislative and senior management	0	0%	16	1%
Business, finance & administration	0	0%	234	21%
Natural & applied sciences & related	10	83%	323	29%
Health	0	0%	97	9%
Education, law and social, community & government	2	17%	250	23%
Art, culture, recreation & sport	0	0%	56	5%
Sales & service	0	0%	96	9%
Trades, transport & equipment operators & related	0	0%	24	2%
Natural resources, agriculture & related production	0	0%	9	1%
Manufacturing & utilities	0	0%	3	0%
Total	12	100%	1,108	100%



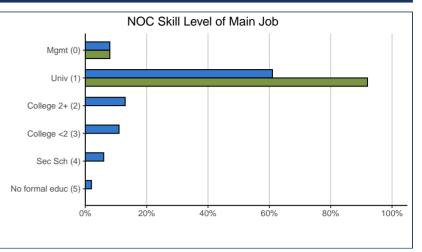
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Detailed Summary of Survey Results University of British Columbia 14.1201: Engineering physics/applied physics



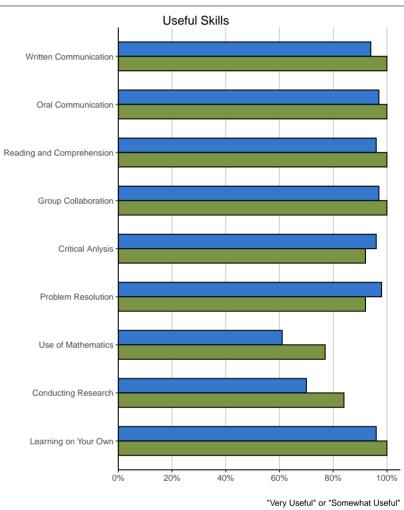
EMPLOYMENT, continued

NOC Skill Level of Main Job (NOC 2021 (TEER)):	14.	14.1201		BC
0. Management	1	8%	88	8%
1. University education	11	92%	672	61%
2. College education/trade apprenticeship (2+ years)	0	0%	139	13%
3. College education/trade apprenticeship (<2 years)	0	0%	119	11%
4. Secondary school + job-specific training	0	0%	67	6%
5. No formal education	0	0%	23	2%
Total	12	100%	1,108	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	46%	54%	0%	0%	13
Oral Communication	69%	31%	0%	0%	13
Reading and Comprehension	62%	38%	0%	0%	13
Group Collaboration	77%	23%	0%	0%	13
Critical Anlysis	92%	0%	0%	8%	13
Problem Resolution	92%	0%	0%	8%	13
Use of Mathematics	46%	31%	15%	8%	13
Conducting Research	38%	46%	8%	8%	13
Learning on Your Own	92%	8%	0%	0%	13

	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%	24%	5%	2%	1,156
Oral Communication	78%	19%	3%	1%	1,157
Reading and Comprehension	70%	26%	4%	1%	1,151
Group Collaboration	77%	20%	3%	1%	1,156
Critical Anlysis	75%	21%	4%	1%	1,155
Problem Resolution	80%	18%	2%	0%	1,155
Use of Mathematics	27%	34%	24%	15%	1,120
Conducting Research	40%	30%	19%	11%	1,129
Learning on Your Own	70%	26%	4%	1%	1,151



 Top 10 Full-Time Occupations of 14.1201 Graduates*:
 14.1201

 NOC_2021
 NOC Skill Level
 Description
 % Employed FT in this Occ.**

 *

* Data not displayed where n < 5; NOC 2021 ** Percentages cited are of those employed

Top 10 Full-Tin	ne Occupations of UBC G	raduates*:	UBC
NOC_2021	NOC Skill Level	Description	% Employed FT in this Occ.**
21231	1	Software engineers and designers	7%
41101	1	Lawyers and Quebec notaries	3%
21232	1	Software developers and programmers	3%
11202	1	Professional occupations in advertising, marketing and public relations	3%
13100	3	Administrative officers	2%
21300	1	Civil engineers	2%
XXXXX	Х	Unclassified occupations	2%
41201	1	Post-secondary teaching and research assistants	2%
11101	1	Financial and investment analysts	2%
21310	1	Electrical and electronics engineers	2%
* Data not display	ed where n < 5; NOC 2021		

* Data not displayed where n < 5; NOC 2021 ** Percentages cited are of those employed

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

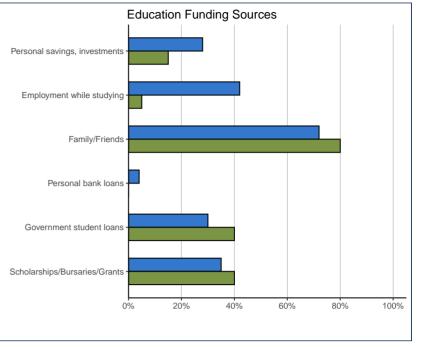


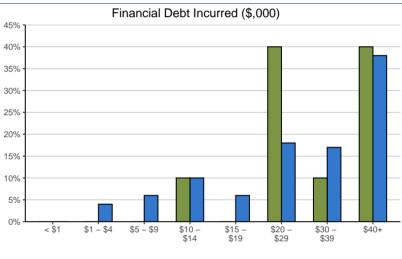
EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.1	14.1201		зс
Personal savings, investments	3	15%	434	28%
Employment while studying	1	5%	647	42%
Family/Friends	16	80%	1,106	72%
Personal bank loans	0	0%	63	4%
Government student loans	8	40%	462	30%
Scholarships/Bursaries/Grants	8	40%	531	35%
Other	18	90%	362	24%
Total	20		1,531	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	14.1	14.1201		BC
Incurred any form of financial debt	10	50%	577	38%
Incurred government-sponsored student loan debt	10	50%	505	33%
* Percentage of respondents who provided data				

Financial Debt Amount:*	14.1	1201	U	BC
< \$1,000	0	0%	2	0%
\$1,000 to \$4,999	0	0%	20	4%
\$5,000 to \$9,999	0	0%	30	6%
\$10,000 to \$14,999	1	10%	47	10%
\$15,000 to \$19,999	0	0%	27	6%
\$20,000 to \$29,999	4	40%	85	18%
\$30,000 to \$39,999	1	10%	80	17%
\$40,000 or More	4	40%	175	38%
Total	10	100%	466	100%
Median Financial Debt (\$)	28,564		30,000	



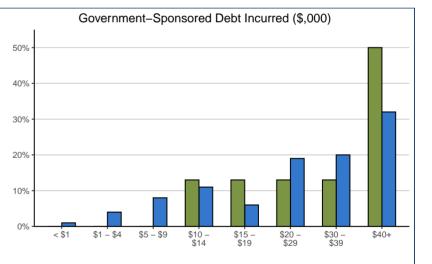


Includes only cases where financial debt was incurred

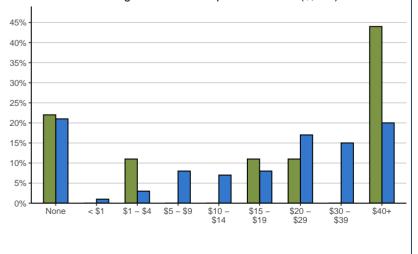
Gov't-Sponsored Student Loan Debt Amount:*	14.	14.1201 U		BC
< \$1,000	0	0%	3	1%
\$1,000 to \$4,999	0	0%	15	4%
\$5,000 to \$9,999	0	0%	28	8%
\$10,000 to \$14,999	1	13%	38	11%
\$15,000 to \$19,999	1	13%	20	6%
\$20,000 to \$29,999	1	13%	67	19%
\$30,000 to \$39,999	1	13%	74	20%
\$40,000 or More	4	50%	116	32%
Total	8	100%	361	100%
Median Gov't-Sponsored Loan Debt (\$)	40,000		30,000	

* Includes only cases where government-sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	14.	14.1201		UBC	
None – Loan repaid in full	2	22%	84	21%	
< \$1,000	0	0%	2	1%	
\$1,000 to \$4,999	1	11%	12	3%	
\$5,000 to \$9,999	0	0%	30	8%	
\$10,000 to \$14,999	0	0%	28	7%	
\$15,000 to \$19,999	1	11%	32	8%	
\$20,000 to \$29,999	1	11%	66	17%	
\$30,000 to \$39,999	0	0%	61	15%	
\$40,000 or More	4	44%	79	20%	
Total	9	100%	394	100%	
Median Gov't-Sponsored Loan Debt Outstanding** (\$)	50,000		26,000		



Outstanding Government–Sponsored Debt (\$,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