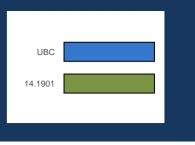
### B.C. Baccalaureate Outcomes 2023 Survey of 2021 Baccalaureate Graduates

Detailed Summary of Survey Results University of British Columbia 14.1901: Mechanical engineering



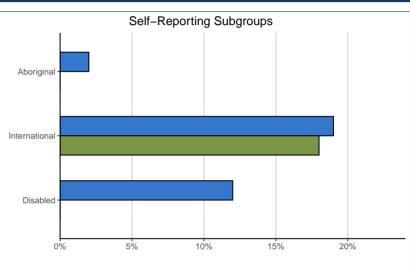
		F	RESPONSE	RATE					
Survey Response Rate:	14.*	1901	U	BC			Response Rate		
Baccalaureate Graduates Survey Cohort	117	100%	7,002	100%	UBC -				
Survey Respondents and Response Rate	33	28%	2,067	30%					
					14.1901 -				
					0%	10%	6 20	2%	30%

### DEMOGRAPHIC INFORMATION

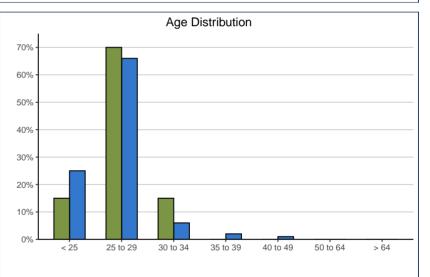
#### Self-Reporting Subgroups: 14.1901 UBC Disabled 233 12% ~ ~ International 18% 400 19% 6 Aboriginal 28 2%

14.1901		UBC	
25	76%	910	44%
8	24%	1,157	56%
33	100%	2,067	100%
	25 8	25 76% 8 24%	25         76%         910           8         24%         1,157

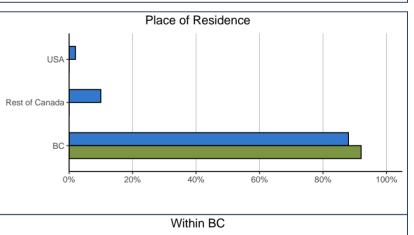
\*Due to zero or low counts, institution-reported "Non-binary" demographic data are not included.



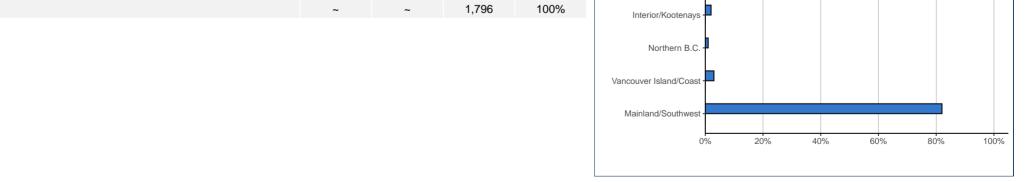
Age (at time of survey):	14.1901		UBC	
< 25	5	15%	504	25%
25 to 29	23	70%	1,358	66%
30 to 34	5	15%	126	6%
35 to 39	0	0%	32	2%
40 to 49	0	0%	28	1%
50 to 64	0	0%	~	~
> 64	0	0%	~	~
Total	33	100%	2,054	100%
Median Age	25		25	
Average (mean) Age	27		26	



Place of Residence (at time of survey):	14.1901		UBC	
BC – Mainland/Southwest	~	~	1,470	82%
BC – Vancouver Island/Coast	~	~	45	3%
BC – Northern B.C.	0	0%	21	1%
BC – Interior/Kootenays	~	~	37	2%
BC Subtotal	22	92%	1,573	88%
Canada – Alberta	0	0%	78	4%
Canada – Ontario	~	~	79	4%
Canada – Other	~	~	32	2%
U.S.A.	0	0%	34	2%
Non–BC Subtotal	~	~	223	12%
BC – Interior/Kootenays BC Subtotal Canada – Alberta Canada – Ontario Canada – Other U.S.A.	~ 22 0 ~ ~ 0	~ 92% 0% ~ 0%	37 1,573 78 79 32 34	2% 88% 4% 4% 2% 2%

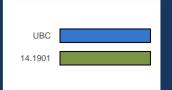


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Total

Detailed Summary of Survey Results University of British Columbia 14.1901: Mechanical engineering

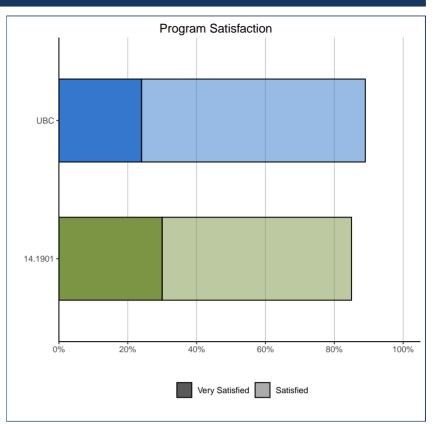


#### EDUCATION EVALUATION AND SKILL DEVELOPMENT

Program Satisfaction:	14.1901		UBC	
Very Satisfied	10	30%	492	24%
Satisfied	18	55%	1,327	65%
Dissatisfied	4	12%	174	9%
Very Dissatisfied	1	3%	43	2%
Total	33	100%	2,036	100%

Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	14.1901		UBC	
Very Useful	9	33%	545	35%
Somewhat Useful	11	41%	723	46%
Not Very Useful	5	19%	231	15%
Not at All Useful	2	7%	63	4%
Total	27	100%	1,562	100%

Took upgrading, access, bridging, or other preparatory courses during or prior to studies:	14.1901		UBC	
Yes	3	9%	132	6%
No	29	91%	1,901	94%



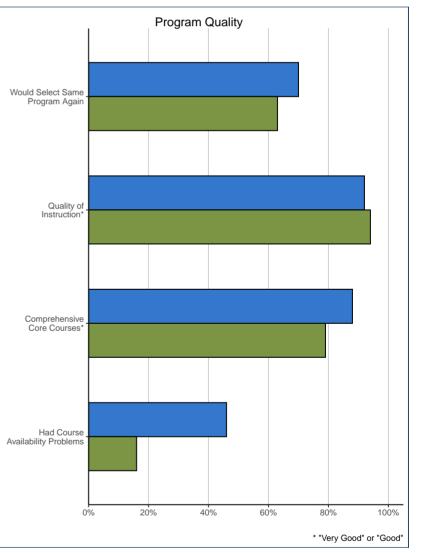
Would select the same program again:	14.1901		UBC	
Yes	19	63%	1,257	70%
No	11	37%	532	30%

Quality of Instruction:	14.1901		UBC	
Very Good	9	28%	571	28%
Good	21	66%	1,313	64%
Poor	1	3%	141	7%
Very Poor	1	3%	26	1%
Total	32	100%	2,051	100%

Comprehensiveness of Core Courses:	14.1901		UBC	
Very Good	9	27%	523	26%
Good	17	52%	1,252	62%
Poor	6	18%	207	10%
Very Poor	1	3%	38	2%
Total	33	100%	2,020	100%

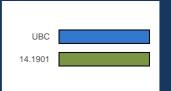
Course Availability:	14.1901		UBC	
Encountered course availability problems	5	16%	916 46%	

Financial Constraints:	14.1901		UBC	
Had to interrupt studies for financial reasons	1	3%	116	6%
Had to take program part-time for financial reasons	2	6%	178	9%



Note:  $\sim$  indicates low cell count; data suppressed

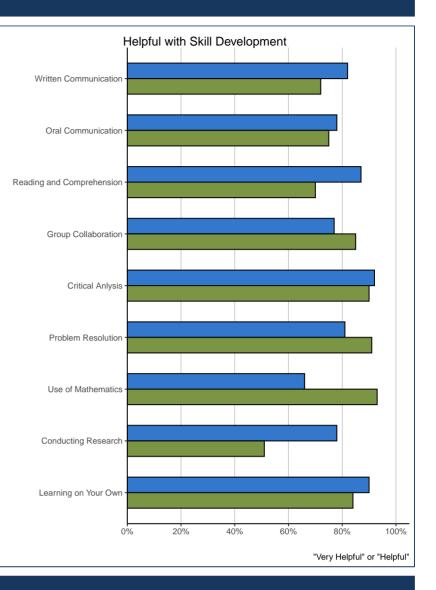
Detailed Summary of Survey Results University of British Columbia 14.1901: Mechanical engineering

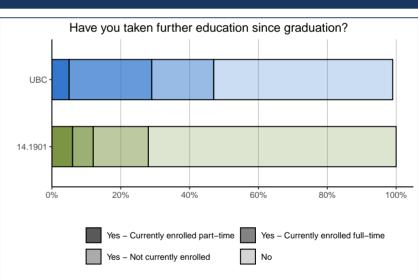


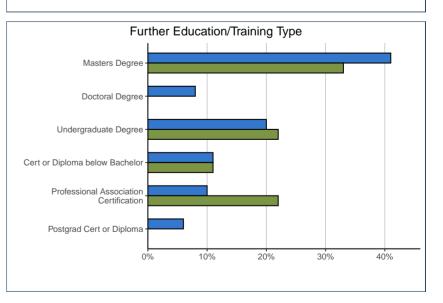
#### SKILL DEVELOPMENT

			14.1901		
Skill Development: How helpful was institution?	Very Helpful	Helpful	Not Very Helpful	Not at All Helpful	# Resp.
Written Communication	13%	59%	22%	6%	32
Oral Communication	3%	72%	19%	6%	32
Reading and Comprehension	15%	55%	21%	9%	33
Group Collaboration	33%	52%	12%	3%	33
Critical Anlysis	55%	35%	6%	3%	31
Problem Resolution	27%	64%	3%	6%	33
Use of Mathematics	48%	45%	6%	0%	33
Conducting Research	18%	33%	30%	18%	33
Learning on Your Own	42%	42%	12%	3%	33

			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







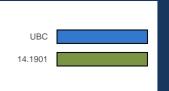
#### FURTHER EDUCATION

14.1	901	U	BC
9	28%	980	48%
5	16%	370	18%
2	6%	498	24%
2	6%	103	5%
23	72%	1,070	52%
32	100%	2,050	100%
	9 5 2 2 2 23	5         16%           2         6%           2         6%           23         72%	9         28%         980           5         16%         370           2         6%         498           2         6%         103           23         72%         1,070

Type of Formal Post–Secondary Education:	14.	1901	UE	BC
Masters Degree	3	33%	399	41%
Doctoral Degree	0	0%	78	8%
Another Undergraduate Degree	2	22%	198	20%
Certificate or Diploma below Bachelor level	1	11%	103	11%
Professional Association Certification	2	22%	102	10%
Postgraduate Certificate or Diploma	0	0%	61	6%

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Other	1	11%	32	3%
Total	9	100%	973	100%

Detailed Summary of Survey Results University of British Columbia 14.1901: Mechanical engineering

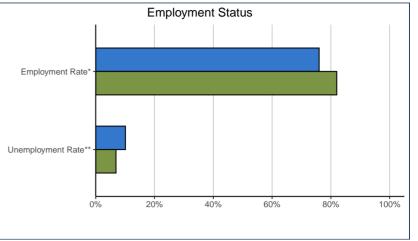


EMPLOYMENT

Labour Fource Status:	14.	1901	U	BC
In Labour Force (working or seeking work)	29	88%	1,746	86%
Not in Labour Force	4	12%	277	14%
Total	33	100%	2,023	100%
			1	
Employment:	14.	1901	U	BC
Employment Rate*	27	82%	1,569	76%
Unemployment Rate**	2	6.9%	177	10.1%

\*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:	14.1	901	UI	вС
Attending School FT	2	50%	220	79%
Attending School PT	0	0%	7	3%
Other	2	50%	50	18%
Total NOT in Labour Force	4	100%	277	100%

Primary Employment Type:	14.1	1901	U	BC
Paid worker	27	100%	1,480	95%
Self-employed	0	0%	82	5%
Total	27	100%	1,562	100%

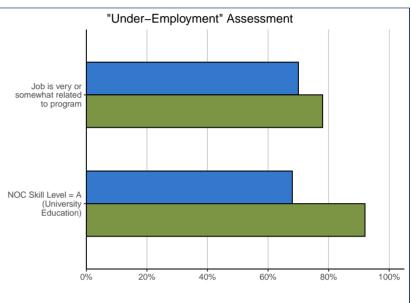
Job Characteristics:	14.	1901	U	BC
I hold more than one job*	2	7%	232	15%
My main job is full-time (>= 30 hours per week)**	27	100%	1,295	87%
*Of total Employed				

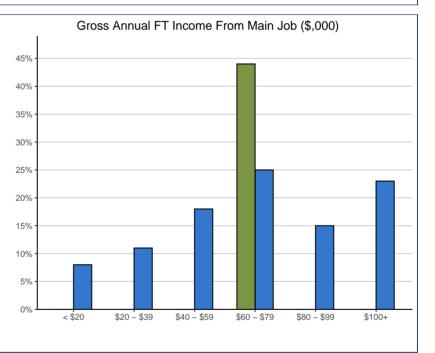
\*\*Of those who provided data on hours/week worked

How related is your main job to your program?	14.	1901	UI	BC
Very Related	10	37%	592	38%
Somewhat Related	11	41%	493	32%
Not Very Related	5	19%	230	15%
Not at All Related	1	4%	245	16%
Total	27	100%	1,560	100%

"Under-employment" Assessment:	14.1	1901	UE	BC
Job is very or somewhat related to program	21	78%	1,085	70%
NOC Skill Level = A (University Education)*	23	92%	969	68%
*Of total valid responses				

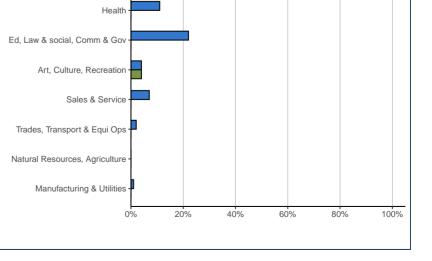
Gross Annual Income from Main Job:*	14.	1901	UE	BC
Less than \$20,000	0	0%	101	8%
\$20,000 to \$39,999	~	~	130	11%
\$40,000 to \$59,999	0	0%	222	18%
\$60,000 to \$79,999	8	44%	297	25%
\$80,000 to \$99,999	~	~	185	15%
\$100,000 and Above	~	~	274	23%
Total	18	100%	1,209	100%
Median Annual Income (full-time) (\$)	79,000		73,750	
Average Annual Income (full-time) (\$)	83,320		84,372	
Where data provided				
Where data provided				
Where data provided NOC Skill Type of Main Job:	14.	1901	UE	3C
	14. <sup>-</sup> 0	1901 0%	UE 322	3C 23%
NOC Skill Type of Main Job:				
NOC Skill Type of Main Job: Business, finance & administration	0	0%	322	23%
NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related	0 24	0% 96%	322 433	23% 30%
NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health	0 24 0	0% 96% 0%	322 433 162	23% 30% 11%
NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government	0 24 0 0	0% 96% 0% 0%	322 433 162 314	23% 30% 11% 22%
NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport	0 24 0 0 1	0% 96% 0% 0% 4%	322 433 162 314 54	23% 30% 11% 22% 4%
NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport Sales & service	0 24 0 0 1 0	0% 96% 0% 4% 0%	322 433 162 314 54 102	23% 30% 11% 22% 4% 7%
NOC Skill Type of Main Job: Business, finance & administration Natural & applied sciences & related Health Education, law and social, community & government Art, culture, recreation & sport Sales & service Trades, transport & equipment operators & related	0 24 0 0 1 0 0 0	0% 96% 0% 4% 0%	322 433 162 314 54 102 25	23% 30% 11% 22% 4% 7% 2%





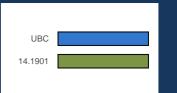


Natural & Applied sciences

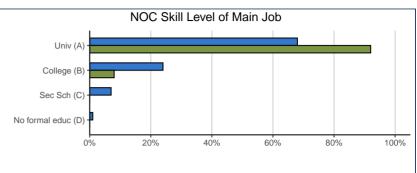


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### Detailed Summary of Survey Results University of British Columbia 14.1901: Mechanical engineering

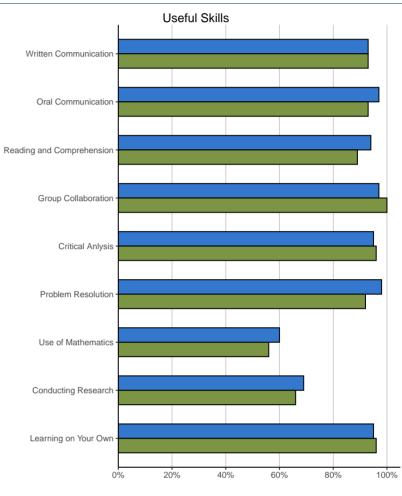


#### EMPLOYMENT, continued NOC Skill Level of Main Job: 14.1901 UBC A. University education 23 92% 969 68% B. College education/trade apprenticeship 2 8% 349 24% C. Secondary school + job-specific training 0 0% 99 7% D. No formal education 0 18 0% 1% 100% Total 25 1,435 100%



			14.1901		
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	63%	30%	7%	0%	27
Oral Communication	78%	15%	7%	0%	27
Reading and Comprehension	67%	22%	11%	0%	27
Group Collaboration	67%	33%	0%	0%	27
Critical Anlysis	81%	15%	0%	4%	27
Problem Resolution	81%	11%	4%	4%	27
Use of Mathematics	26%	30%	33%	11%	27
Conducting Research	33%	33%	19%	15%	27
Learning on Your Own	74%	22%	4%	0%	27

			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



"Very Useful" or "Somewhat Useful"

Top 10 Full-time Oc	cupations of 14.1901 Gr	raduates:	14.1901
NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2132	A	Mechanical engineers	59%
*			
*			
*			
*			
*			
*			
*			
*			
*			
* Data not displayed wh	ren r < 5		

\* Data not displayed where n < 5

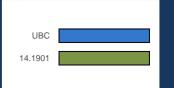
\*\* Percentages cited are of those employed

NOC	NOC Skill Level	Description	% Employed FT in this Occ.**
2173	А	Software engineers and designers	6%
XXXX	0	Unclassified occupations	6%
2174	А	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	A	Pharmacists	2%
2172	A	Database analysts and data administrators	2%
2131	А	Civil engineers	2%
3012	A	Registered nurses and registered psychiatric nurses	2%
1241	В	Administrative assistants	2%
* Data and Part	e de la companse de la		

\* Data not displayed where n < 5

\*\* Percentages cited are of those employed

Detailed Summary of Survey Results University of British Columbia 14.1901: Mechanical engineering

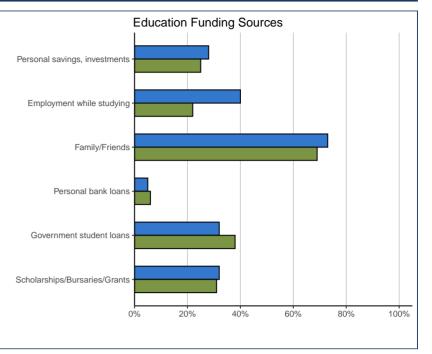


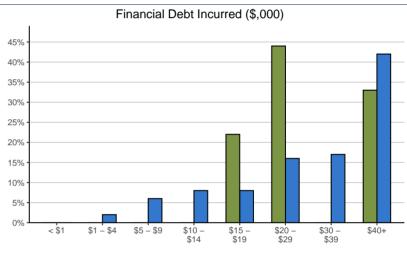
#### EDUCATION FINANCING

Funding Sources (3 sources allowed):*	14.	14.1901 UBC		BC
Personal savings, investments	8	25%	566	28%
Employment while studying	7	22%	802	40%
Family/Friends	22	69%	1,472	73%
Personal bank loans	2	6%	105	5%
Government student loans	12	38%	654	32%
Scholarships/Bursaries/Grants	10	31%	658	32%
Other	19	59%	505	25%
Total	32		2,025	
* Percentage of respondents who identified this source				

Financial Debt Incurred to Finance Bac. Ed.:*	14.	14.1901		BC
Incurred any form of financial debt	16	48%	835	41%
Incurred government-sponsored student loan debt	12	38%	719	35%
* Percentage of respondents who provided data				

Financial Debt Amount:*	14.	1901	UI	BC
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	0	0%	14	2%
\$5,000 to \$9,999	0	0%	39	6%
\$10,000 to \$14,999	0	0%	52	8%
\$15,000 to \$19,999	2	22%	48	8%
\$20,000 to \$29,999	4	44%	105	16%
\$30,000 to \$39,999	0	0%	109	17%
\$40,000 or More	3	33%	270	42%
Total	9	100%	637	100%
Median Financial Debt (\$)	27,000		33,000	
* Includes only cases where financial debt was incurred				

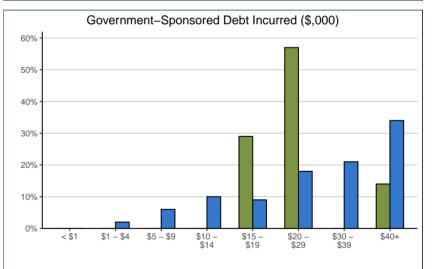




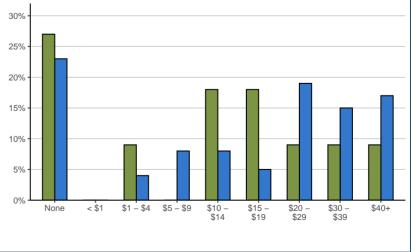
Gov't-Sponsored Student Loan Debt Amount:*	14.1901		UI	BC
< \$1,000	0	0%	0	0%
\$1,000 to \$4,999	0	0%	11	2%
\$5,000 to \$9,999	0	0%	31	6%
\$10,000 to \$14,999	0	0%	51	10%
\$15,000 to \$19,999	2	29%	42	9%
\$20,000 to \$29,999	4	57%	86	18%
\$30,000 to \$39,999	0	0%	104	21%
\$40,000 or More	1	14%	165	34%
Total	7	100%	490	100%
Median Gov't-Sponsored Loan Debt (\$)	25,000		30,000	
* Includes only cases where government_sponsored debt was incu	rrod			

\* Includes only cases where government-sponsored debt was incurred

Gov't-Sponsored Loan Debt Outstanding:*	14.1	1901	UBC	
None – Loan repaid in full	3	27%	132	23%
< \$1,000	0	0%	1	0%
\$1,000 to \$4,999	1	9%	22	4%
\$5,000 to \$9,999	0	0%	43	8%
\$10,000 to \$14,999	2	18%	47	8%
\$15,000 to \$19,999	2	18%	31	5%
\$20,000 to \$29,999	1	9%	108	19%
\$30,000 to \$39,999	1	9%	88	15%
\$40,000 or More	1	9%	99	17%
Total	11	100%	571	100%
Median Gov't–Sponsored Loan Debt Outstanding** (\$)	16,000		25,000	



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