

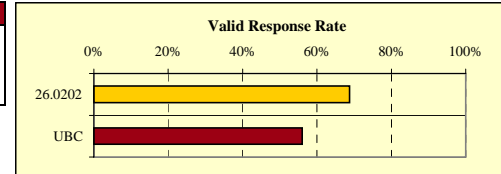
# B.C. University Student Outcomes 2005 Survey of 2000 Baccalaureate Graduates

Detailed Summary of Survey Results  
University of British Columbia  
6 Digit CIP: 26.0202: Biochemistry

■ UBC  
■ 26.0202

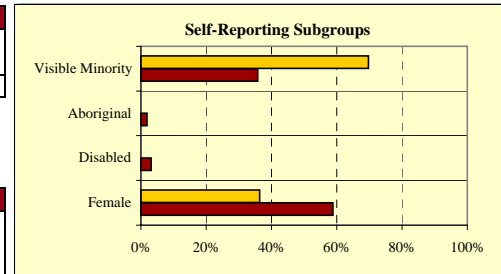
## RESPONSE RATE

1. Survey Response Rate:	26.0202	UBC		
2000 Baccalaureate Graduates Survey Cohort	62		5,198	
Net Frame	48		4,005	
Survey Respondents and Valid Response Rate	33	69%	2,244	56%



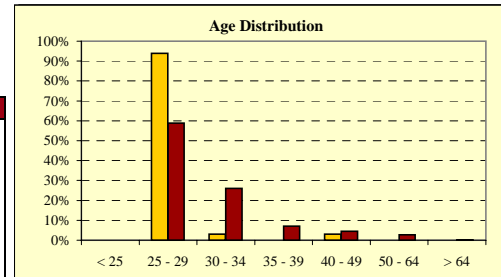
## DEMOGRAPHIC INFORMATION

2. Gender:	26.0202	UBC		
Male	21	64%	925	41%
Female	12	36%	1,319	59%
Total	33	100%	2,244	100%

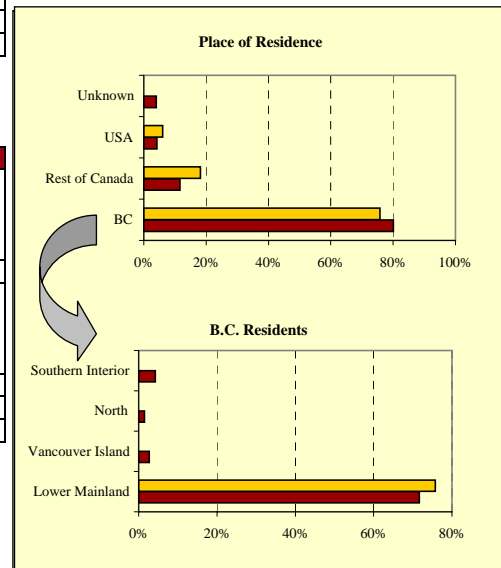


3. Self-Reporting Subgroups:	26.0202	UBC		
Disabled	-	0%	70	3%
Aboriginal	-	0%	42	2%
Visible Minority	23	70%	803	36%

4. Age (at time of survey):	26.0202	UBC		
< 25	-	0%	1	0%
25 to 29	31	94%	1,319	59%
30 to 34	1	3%	583	26%
35 to 39	-	0%	157	7%
40 to 49	1	3%	102	5%
50 to 64	-	0%	60	3%
> 64	-	0%	2	0%
Unknown	-	0%	20	1%
Total	33	100%	2,244	100%
Mean Age:	28.3		30.9	

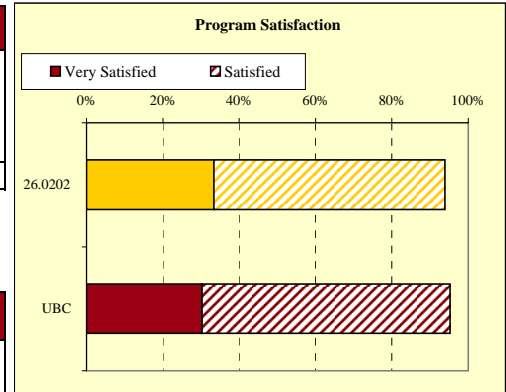


5. Place of Residence (at time of survey):	26.0202	UBC		
BC - Lower Mainland	25	76%	1,609	72%
BC - Vancouver Island	-	0%	61	3%
BC - North	-	0%	33	1%
BC - Southern Interior	-	0%	95	4%
BC Subtotal	25	76%	1,798	80%
Canada - Alberta	3	9%	83	4%
Canada - Ontario	1	3%	125	6%
Canada - Other	2	6%	52	2%
U.S.A.	2	6%	95	4%
Non-BC Subtotal	8	24%	355	16%
Unknown	-	0%	91	4%
Total	33	100%	2,244	100%

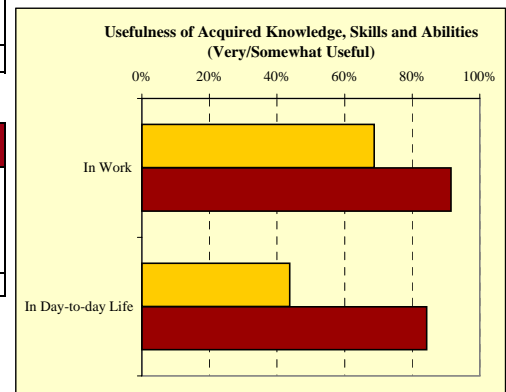


EDUCATION EVALUATION

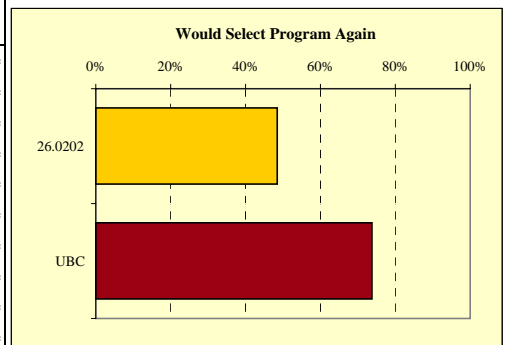
8. Program Satisfaction:	26.0202		UBC	
Very Satisfied	11	33%	675	30%
Satisfied	20	61%	1,453	65%
Dissatisfied	2	6%	88	4%
Very Dissatisfied	-	0%	17	1%
Total	33	100%	2,233	100%



6. Usefulness of Knowledge, Skills, and Abilities Acquired at University in Work:	26.0202		UBC	
Very Useful	5	31%	913	47%
Somewhat Useful	6	38%	847	44%
Not Very Useful	4	25%	120	6%
Not at All Useful	1	6%	44	2%
Total	16	100%	1,924	100%



7. Usefulness of Knowledge, Skills, and Abilities Acquired at University in Day-to-day Life:	26.0202		UBC	
Very Useful	1	6%	532	28%
Somewhat Useful	6	38%	1,087	57%
Not Very Useful	8	50%	250	13%
Not at All Useful	1	6%	51	3%
Total	16	100%	1,920	100%



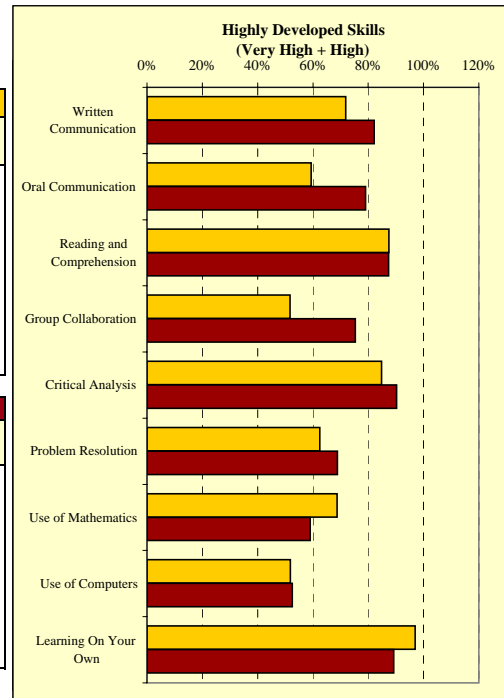
9. Would you select the same program again?	26.0202		UBC	
Yes	16	48%	1,606	74%
No, because . . . (multiple response question)	17		571	
. . . interests have changed	10	43%*	201	28%*
. . . courses were not practical	1	4%*	115	16%*
. . . little or no career opportunities	4	17%*	228	32%*
. . . not enough course variety	-	0%*	8	1%*
. . . skills acquired were not very useful	2	9%*	34	5%*
. . . courses were poorly taught	1	4%*	23	3%*
. . . program was too general	-	0%*	62	9%*
. . . did not agree with grading system	1	4%*	6	1%*
. . . did not like institution	2	9%*	16	2%*
. . . other	2	9%*	26	4%*

\* Percent of total responses, among those who would not take program again

**SKILL DEVELOPMENT**

14a. **To what degree did university help you develop the following skills?**

	26.0202				# Resp.
	Very High	High	Low	Very Low	
Written Communication	16%	56%	28%	0%	32
Oral Communication	6%	53%	41%	0%	32
Reading and Comprehension	16%	72%	13%	0%	32
Group Collaboration	17%	34%	45%	3%	29
Critical Analysis	30%	55%	15%	0%	33
Problem Resolution	13%	50%	34%	3%	32
Use of Mathematics Appropriate to Field	28%	41%	28%	3%	32
Use of Computers Appropriate to Field	4%	48%	44%	4%	27
Learning On Your Own	21%	76%	3%	0%	33



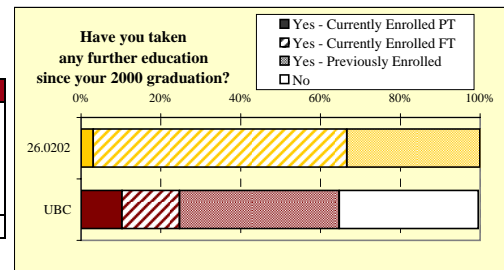
14b. **To what degree did university help you develop the following skills?**

	UBC				# Resp.
	Very High	High	Low	Very Low	
Written Communication	22%	60%	16%	2%	2,179
Oral Communication	18%	61%	20%	1%	2,194
Reading and Comprehension	25%	63%	12%	1%	2,178
Group Collaboration	19%	57%	23%	1%	2,160
Critical Analysis	32%	58%	9%	1%	2,215
Problem Resolution	11%	58%	29%	2%	2,160
Use of Mathematics Appropriate to Field	16%	43%	34%	6%	1,747
Use of Computers Appropriate to Field	12%	40%	40%	8%	1,947
Learning On Your Own	28%	61%	10%	1%	2,189

**FURTHER EDUCATION**

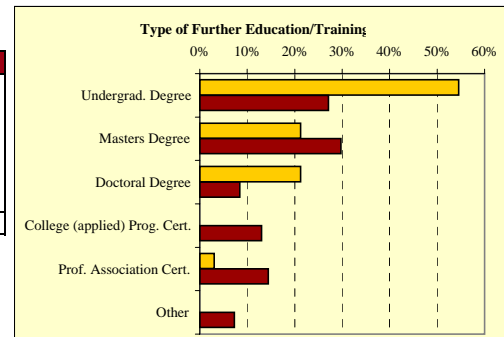
15. **Took further formal education since 2000 graduation**

	26.0202		UBC	
Yes:	33	100%	1,462	65%
Not currently enrolled	11	33%	898	40%
Currently enrolled full-time	21	64%	325	14%
Currently enrolled part-time	1	3%	230	10%
No	-	0%	782	35%
Total	33	100%	2,244	100%



16. **Type of Formal Post-Secondary Education**

	26.0202		UBC	
Undergraduate Degree	18	55%	391	27%
Masters Degree	7	21%	429	30%
Doctoral Degree	7	21%	122	8%
College (applied) Program Certification	-	0%	188	13%
Professional Association Certification	1	3%	208	14%
Other	-	0%	105	7%
Total Respondents	59	179%	1,443	100%

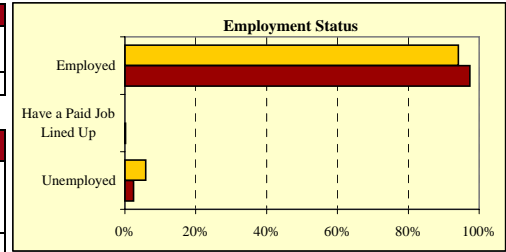


**Detailed Summary of Survey Results**  
**University of British Columbia**  
**6 Digit CIP: 26.0202: Biochemistry**

■ UBC  
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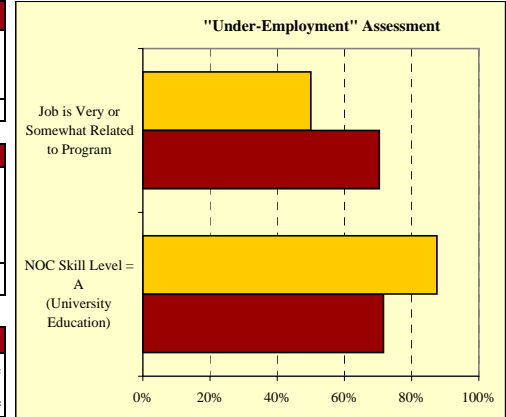
**EMPLOYMENT**

17. Labour Force Status:	26.0202	UBC		
In Labour Force (working or seeking work)	17	52%	1,978	88%
Not in Labour Force	16	48%	265	12%
Grand Total	33	100%	2,243	100%



18. Employment Status of those IN Labour Force:	26.0202	UBC		
Employed	16	94%	1,926	97%
Have a Paid Job Lined Up	-	0%	3	0%
Unemployed	1	6%	49	2%
Total Labour Force	17	100%	1,978	100%

19. Status of Graduates NOT in Labour Force:	26.0202	UBC		
Attending School FT	15	94%	171	65%
Attending School PT	-	0%	6	2%
Other	1	6%	88	33%
Total NOT in Labour Force	16	100%	265	100%

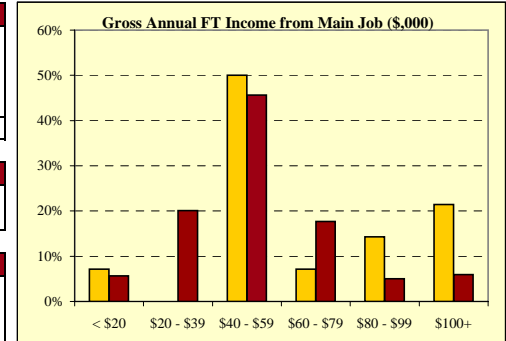


20. Employment Type:	26.0202	UBC		
Paid worker	14	88%	1,706	89%
Self-employed	2	13%	153	8%
Both a paid worker and self-employed	-	0%	67	3%
Total Employed	16	100%	1,926	100%

21. Job Characteristics:	26.0202	UBC		
I hold more than one job	2	13%*	243	13%*
My main job is full-time (>= 30 hours per week)	12	80%**	1,655	88%**

\* of total employed      \*\* of those who provided data on hours/week worked

22. How related is your main job to your program?	26.0202	UBC		
Very Related	3	19%	844	44%
Somewhat Related	5	31%	511	27%
Not Very Related	4	25%	248	13%
Not At All Related	4	25%	322	17%
Total	16	100%	1,925	100%

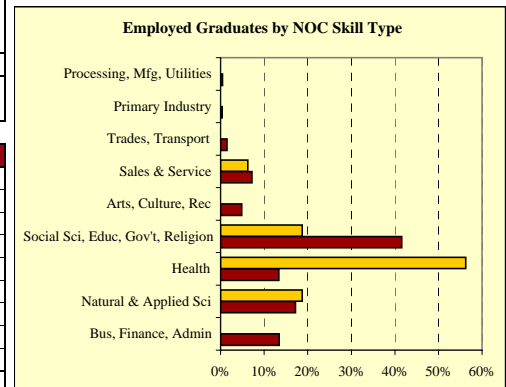


23. "Under-employment" Assessment:	26.0202	UBC		
Job is very or somewhat related to program	8	50%	1,355	70%
NOC Skill Level = A (University Education)	14	88%	1,376	72%

\* of total valid responses

24. Gross Annual Income from Main Job:*	26.0202	UBC		
Less than \$20,000	1	7%	99	6%
\$20,000 to \$39,999	-	0%	350	20%
\$40,000 to \$59,999	7	50%	796	46%
\$60,000 to \$79,999	1	7%	308	18%
\$80,000 to \$99,999	2	14%	87	5%
\$100,000 and Above	3	21%	103	6%
Total	14	100%	1,743	100%
Median Annual Income (full-time)	\$52,000		\$50,000	
Average Annual Income (full-time)	\$73,727		\$56,514	

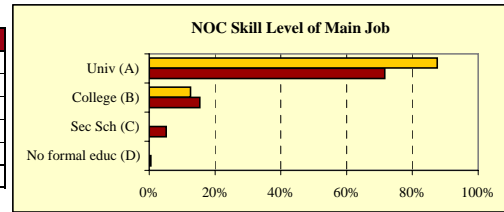
\* where data provided



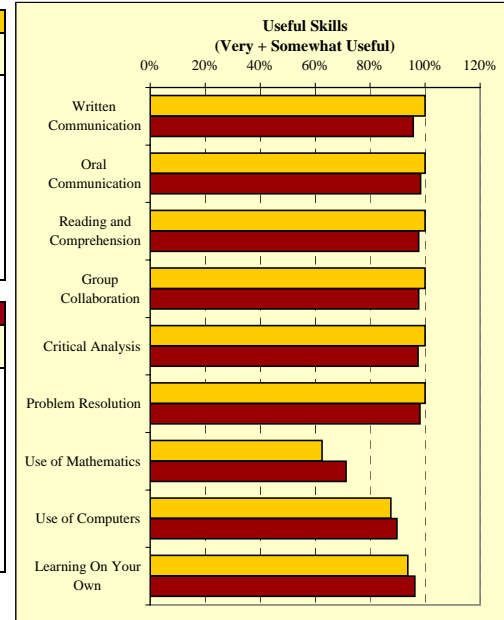
25. NOC Skill Type of Main Job:	26.0202	UBC		
Business, Finance and Administration	-	0%	257	13%
Natural and Applied Sciences and Related	3	19%	328	17%
Health	9	56%	256	13%
Social Sciences, Educ., Gov't Services, Religion	3	19%	795	42%
Arts, Culture, Recreation and Sport	-	0%	93	5%
Sales and Service	1	6%	138	7%
Trades, Transport and Eqp. Operators and Related	-	0%	28	1%
Unique to the Primary Industry	-	0%	7	0%
Unique to Processing, Manufacturing and Utilities	-	0%	9	0%
Total	16	100%	1,911	100%

EMPLOYMENT, continued

26. NOC Skill Level of Main Job:	26.0202		UBC	
A. University education	14	88%	1,376	72%
B. College education/trade apprenticeship	2	13%	296	15%
C. Secondary school + job-specific training	-	0%	99	5%
D. No formal education	-	0%	9	0%
No skill level assigned (management)	-	0%	142	7%
Total	16	100%	1,922	100%



27a. How useful are the following skills and abilities in doing your main job?	26.0202				#
	Very Useful	Somewhat Useful	Not Very Useful	Not at all Useful	Resp.
Written Communication	81%	19%	0%	0%	16
Oral Communication	88%	13%	0%	0%	16
Reading and Comprehension	94%	6%	0%	0%	16
Group Collaboration	88%	13%	0%	0%	16
Critical Analysis	81%	19%	0%	0%	16
Problem Resolution	94%	6%	0%	0%	16
Use of Mathematics Appropriate to Field	19%	44%	31%	6%	16
Use of Computers Appropriate to Field	81%	6%	13%	0%	16
Learning On Your Own	88%	6%	6%	0%	16



27b. How useful are the following skills and abilities in doing your main job?	UBC				#
	Very Useful	Somewhat Useful	Not Very Useful	Not at all Useful	Resp.
Written Communication	76%	20%	3%	2%	1,925
Oral Communication	87%	12%	1%	0%	1,925
Reading and Comprehension	80%	18%	2%	0%	1,925
Group Collaboration	81%	16%	2%	1%	1,924
Critical Analysis	81%	16%	2%	0%	1,925
Problem Resolution	82%	17%	2%	0%	1,925
Use of Mathematics Appropriate to Field	31%	40%	15%	14%	1,915
Use of Computers Appropriate to Field	59%	31%	5%	5%	1,924
Learning On Your Own	74%	22%	3%	1%	1,925

28a. Top 10 Full-time Occupations of 26.0202 Graduates:	26.0202		
NOC	NOC Skill Level Description	% Employed FT in this Occ.**	Median FT Salary
3112	A General Practitioners	31.3%	\$43,000
*			
*			
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\*data not displayed where n < 5      \*\*percentages cited are of those for whom occupational data was provided, full-time and part-time

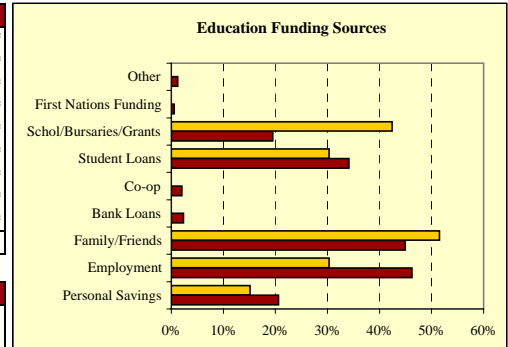
28b. Top 10 Full-time Occupations of Graduates from University of British Columbia:	UBC		
NOC	NOC Skill Level Description	% Employed FT in this Occ.**	Median FT Salary
4141	A Secondary School Teachers	12.2%	\$46,000
4142	A Elem & Kindergarten Teacher	8.3%	\$45,500
4112	A Lawyers & Quebec Notaries	5.3%	\$75,000
3152	A Registered Nurses	2.3%	\$61,000
2174	A Computer Programmers/Interactive Media Developers	2.2%	\$55,000
2131	A Civil Engineers	1.8%	\$55,000
3112	A General Practitioners	1.6%	\$47,000
1111	A Financial Auditors & Acnts	1.6%	\$51,000
3131	A Pharmacists	1.5%	\$80,000
2171	A Information Systems Analysts and Consultants	1.3%	\$64,000

\*data not displayed where n < 5      \*\*percentages cited are of those for whom occupational data was provided, full-time and part-time

EDUCATION FINANCING

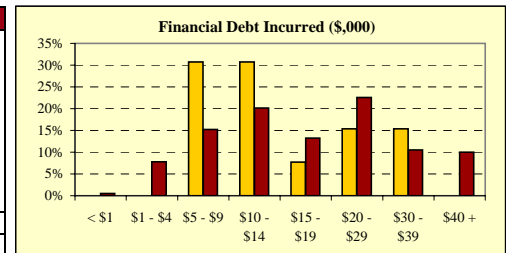
29. Education Funding Sources (2 sources per respondent):	26.0202	UBC
Personal Savings	5 15%*	462 21%*
Employment	10 30%*	1,037 46%*
Family/Friends	17 52%*	1,008 45%*
Bank Loans	- 0%*	53 2%*
Student Loans	10 30%*	765 34%*
Scholarships/Bursaries/Grants	14 42%*	437 19%*
Co-op	- 0%*	45 2%*
First Nations Funding	- 0%*	12 1%*
Other	- 0%*	28 1%*
<b>Total Respondents</b>	<b>33</b>	<b>2,244</b>

\* Percentage of respondents who identified this source



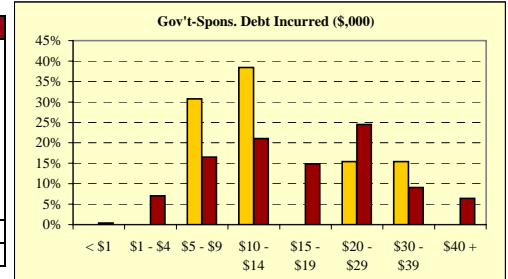
30. Financial Debt Incurred to Finance Univ. Education:	26.0202	UBC
Incurred any form of financial debt	13 39%*	922 41%
Incurred government-sponsored student loan debt	13 39%*	792 35%

\* Percentage of respondents who provided data



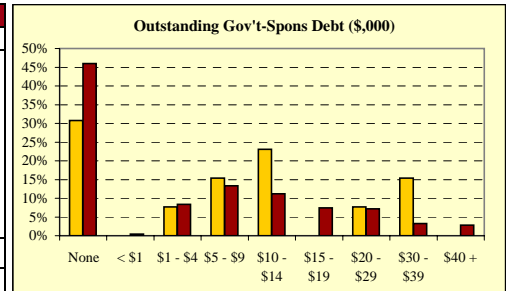
31. Financial Debt Amount:*	26.0202	UBC
< \$1,000	- 0%	5 1%
\$1,000 to \$4,999	- 0%	72 8%
\$5,000 to \$9,999	4 31%	140 15%
\$10,000 to \$14,999	4 31%	186 20%
\$15,000 to \$19,999	1 8%	122 13%
\$20,000 to \$29,999	2 15%	208 23%
\$30,000 to \$39,999	2 15%	97 11%
\$40,000 or More	- 0%	92 10%
<b>Total</b>	<b>13</b>	<b>922</b>
<b>Median Financial Debt</b>	<b>\$10,000</b>	<b>\$15,000</b>

\*includes only cases where financial debt was incurred



32. Government-Sponsored Student Loan Debt Amount:*	26.0202	UBC
< \$1,000	- 0%	3 0%
\$1,000 to \$4,999	- 0%	56 7%
\$5,000 to \$9,999	4 31%	131 17%
\$10,000 to \$14,999	5 38%	167 21%
\$15,000 to \$19,999	- 0%	118 15%
\$20,000 to \$29,999	2 15%	194 24%
\$30,000 to \$39,999	2 15%	72 9%
\$40,000 or More	- 0%	51 6%
<b>Total</b>	<b>13</b>	<b>792</b>
<b>Median Gov't-Sponsored Student Loan Debt</b>	<b>\$10,000</b>	<b>\$15,000</b>

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



33. Outstanding Gov't-Sponsored Loan Debt Amount:*	26.0202	UBC
None - Loan repaid in full	4 31%	341 46%
< \$1,000	- 0%	3 0%
\$1,000 to \$4,999	1 8%	62 8%
\$5,000 to \$9,999	2 15%	99 13%
\$10,000 to \$14,999	3 23%	83 11%
\$15,000 to \$19,999	- 0%	55 7%
\$20,000 to \$29,999	1 8%	53 7%
\$30,000 to \$39,999	2 15%	24 3%
\$40,000 or More	- 0%	21 3%
<b>Total</b>	<b>13</b>	<b>741</b>
<b>Median Gov't-Sponsored Loan Debt Outstanding</b>	<b>\$8,000</b>	<b>\$2,500</b>

\*includes only cases where government-sponsored debt was incurred, and valid "amount remaining" was provided

**SPECIAL SECTION ON CITIZENSHIP**

34.	To what extent did your university experience lead you to develop and use effective leadership skills?	26.0202	UBC
	To a great extent	10 30%	517 23%
	To some extent	13 39%	1,105 49%
	To a small extent	7 21%	466 21%
	To no extent at all	3 9%	154 7%
	Total	33 100%	2,242 100%

35.	To what extent did your university experience lead you to appreciate your rights, responsibilities and privileges as a citizen?	26.0202	UBC
	To a great extent	6 18%	541 24%
	To some extent	15 45%	1,064 47%
	To a small extent	10 30%	453 20%
	To no extent at all	2 6%	178 8%
	Total	33 100%	2,236 100%

36.	In the past 12 months, as an unpaid volunteer, have you...	26.0202	UBC
	worked for any type of organization?	17 52%	1,248 56%
	done any canvassing, campaigning or fundraising?	6 35%	524 42%
	done any coaching, mentoring or tutoring?	13 76%	791 64%
	engaged in any activities aimed at bringing about social or environmental change?	8 47%	594 48%
	helped organize or supervise activities or events for an organization?	12 71%	847 68%
	done any consulting, executive, office or administrative work?	7 41%	411 33%
	collected, served or delivered food or other goods?	5 29%	329 26%
	been involved in the identification and description of practical community problems?	5 29%	310 25%
	Average hours volunteered over last 12 months *	122	117

\*includes only cases where volunteer activity was reported

37.	To what extent did your entire university experience – including extra-curricular and social activities – motivate you to participate in volunteering? *	26.0202	UBC
	To a great extent	8 47%	169 14%
	To some extent	7 41%	415 33%
	To a small extent	1 6%	332 27%
	To no extent at all	1 6%	329 26%
	Total	17 100%	1,245 100%

\*includes only cases where volunteer activity was reported

38.	Are you a member or participant in...	26.0202	UBC
	a work-related organization such as a union or professional association?	19 58%	1,427 64%
	a political organization?	1 3%	137 6%
	a cultural, education or hobby organization?	15 45%	721 32%
	a sports or recreation organization?	17 52%	930 41%
	a religious-affiliated group?	8 24%	455 20%
	a school group, a neighbourhood, civic or community association?	5 15%	486 22%
	Avg. charitable contributions over last 12 months *	\$587	\$687

\*includes only cases where financial contributions were reported

39.	To what extent did your entire university experience – including extra-curricular and social activities – motivate you to contribute financially to charitable or non-profit organizations?	26.0202	UBC
	To a great extent	3 15%	81 5%
	To some extent	5 25%	385 22%
	To a small extent	10 50%	492 28%
	To no extent at all	2 10%	806 46%
	Total	20 100%	1,764 100%

