

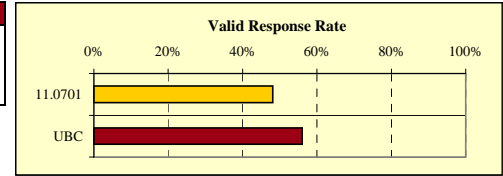
# B.C. University Student Outcomes 2005 Survey of 2000 Baccalaureate Graduates

Detailed Summary of Survey Results  
University of British Columbia  
6 Digit CIP: 11.0701: Computer Science

■ UBC  
■ 11.0701

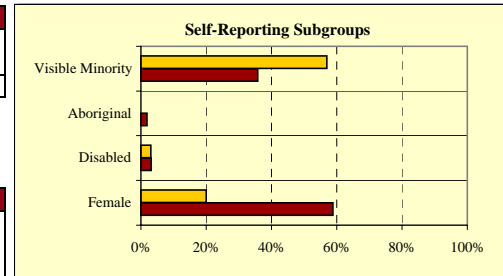
## RESPONSE RATE

1. Survey Response Rate:	11.0701	UBC		
2000 Baccalaureate Graduates Survey Cohort	177			5,198
Net Frame	135			4,005
Survey Respondents and Valid Response Rate	65	48%	2,244	56%



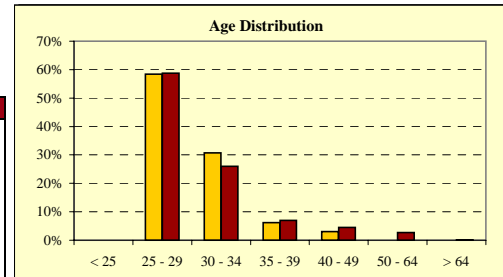
## DEMOGRAPHIC INFORMATION

2. Gender:	11.0701	UBC		
Male	52	80%	925	41%
Female	13	20%	1,319	59%
Total	65	100%	2,244	100%

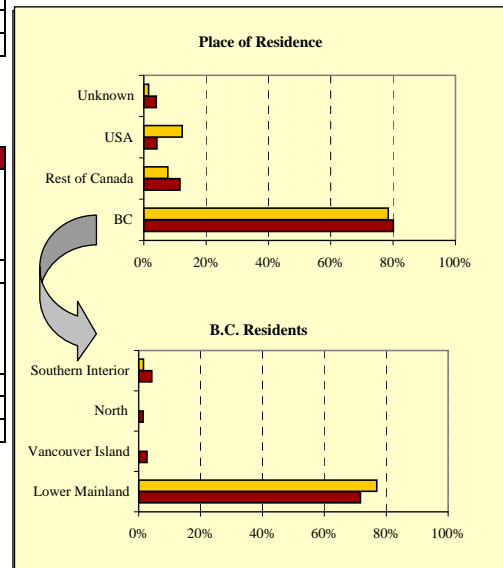


3. Self-Reporting Subgroups:	11.0701	UBC		
Disabled	2	3%	70	3%
Aboriginal	-	0%	42	2%
Visible Minority	37	57%	803	36%

4. Age (at time of survey):	11.0701	UBC		
< 25	-	0%	1	0%
25 to 29	38	58%	1,319	59%
30 to 34	20	31%	583	26%
35 to 39	4	6%	157	7%
40 to 49	2	3%	102	5%
50 to 64	-	0%	60	3%
> 64	-	0%	2	0%
Unknown	1	2%	20	1%
Total	65	100%	2,244	100%
Mean Age:	30.2		30.9	

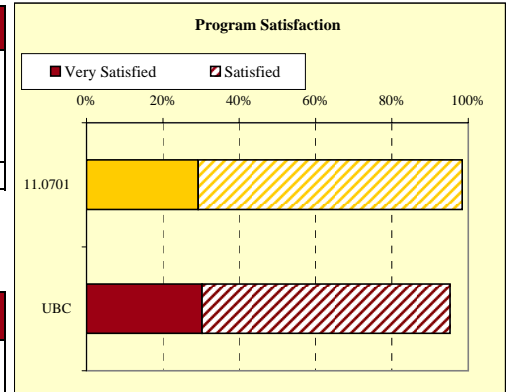


5. Place of Residence (at time of survey):	11.0701	UBC		
BC - Lower Mainland	50	77%	1,609	72%
BC - Vancouver Island	-	0%	61	3%
BC - North	-	0%	33	1%
BC - Southern Interior	1	2%	95	4%
BC Subtotal	51	78%	1,798	80%
Canada - Alberta	1	2%	83	4%
Canada - Ontario	3	5%	125	6%
Canada - Other	1	2%	52	2%
U.S.A.	8	12%	95	4%
Non-BC Subtotal	13	20%	355	16%
Unknown	1	2%	91	4%
Total	65	100%	2,244	100%

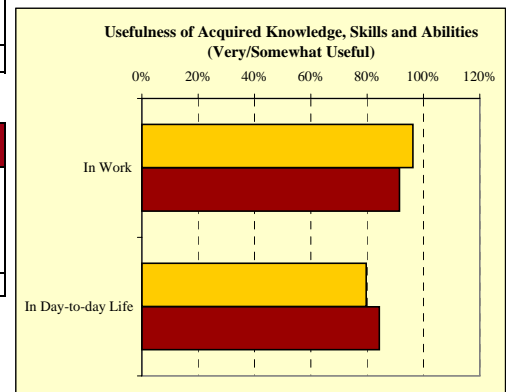


**EDUCATION EVALUATION**

8. Program Satisfaction:	11.0701		UBC	
Very Satisfied	19	29%	675	30%
Satisfied	45	69%	1,453	65%
Dissatisfied	1	2%	88	4%
Very Dissatisfied	-	0%	17	1%
Total	65	100%	2,233	100%

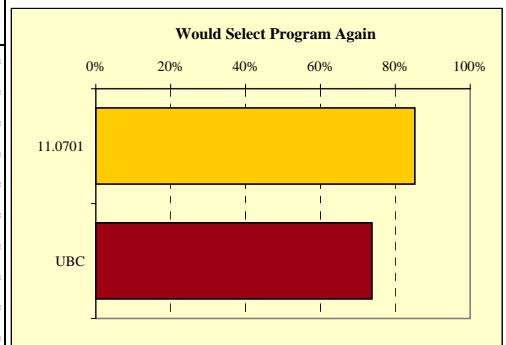


6. Usefulness of Knowledge, Skills, and Abilities Acquired at University in Work:	11.0701		UBC	
Very Useful	24	44%	913	47%
Somewhat Useful	28	52%	847	44%
Not Very Useful	2	4%	120	6%
Not at All Useful	-	0%	44	2%
Total	54	100%	1,924	100%



7. Usefulness of Knowledge, Skills, and Abilities Acquired at University in Day-to-day Life:	11.0701		UBC	
Very Useful	2	4%	532	28%
Somewhat Useful	41	76%	1,087	57%
Not Very Useful	8	15%	250	13%
Not at All Useful	3	6%	51	3%
Total	54	100%	1,920	100%

9. Would you select the same program again?	11.0701		UBC	
Yes	52	85%	1,606	74%
No, because . . . (multiple response question)	9		571	
. . . interests have changed	6	46%*	201	28%*
. . . courses were not practical	1	8%*	115	16%*
. . . little or no career opportunities	3	23%*	228	32%*
. . . not enough course variety	-	0%*	8	1%*
. . . skills acquired were not very useful	-	0%*	34	5%*
. . . courses were poorly taught	-	0%*	23	3%*
. . . program was too general	1	8%*	62	9%*
. . . did not agree with grading system	-	0%*	6	1%*
. . . did not like institution	1	8%*	16	2%*
. . . other	1	8%*	26	4%*

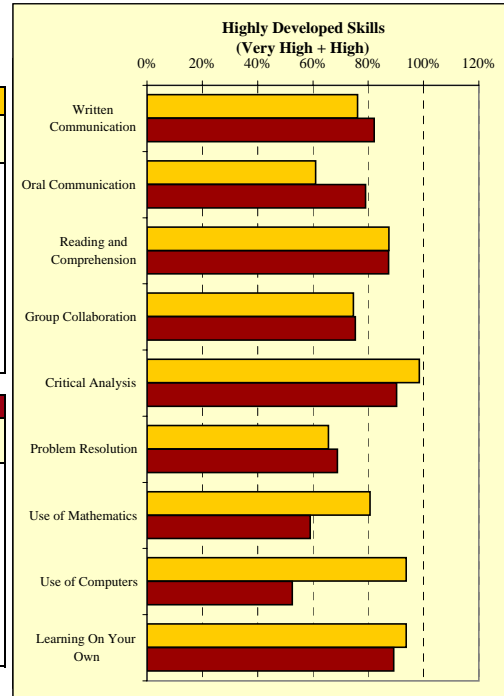


\* Percent of total responses, among those who would not take program again

**SKILL DEVELOPMENT**

14a.

To what degree did university help you develop the following skills?	11.0701				# Resp.
	Very High	High	Low	Very Low	
Written Communication	11%	65%	22%	2%	63
Oral Communication	5%	56%	38%	2%	64
Reading and Comprehension	22%	66%	13%	0%	64
Group Collaboration	21%	54%	22%	3%	63
Critical Analysis	37%	62%	2%	0%	65
Problem Resolution	14%	52%	34%	0%	64
Use of Mathematics Appropriate to Field	24%	56%	19%	0%	62
Use of Computers Appropriate to Field	42%	52%	6%	0%	64
Learning On Your Own	41%	53%	6%	0%	64



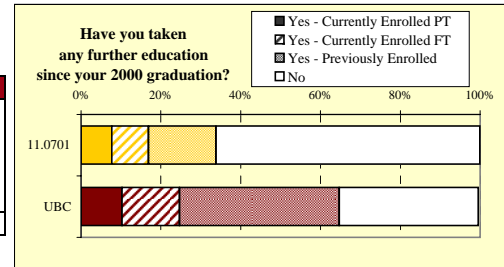
14b.

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**

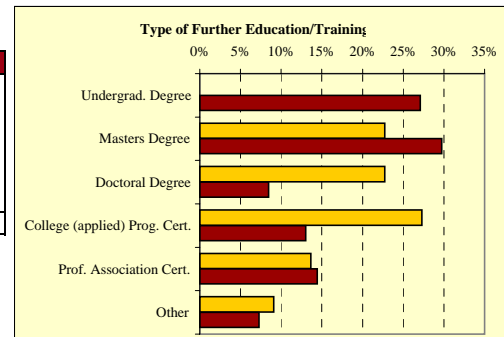
15.

Took further formal education since 2000 graduation	11.0701		UBC	
Yes:	22	34%	1,462	65%
Not currently enrolled	11	17%	898	40%
Currently enrolled full-time	6	9%	325	14%
Currently enrolled part-time	5	8%	230	10%
No	43	66%	782	35%
Total	65	100%	2,244	100%



16.

Type of Formal Post-Secondary Education	11.0701		UBC	
Undergraduate Degree	-	0%	391	27%
Masters Degree	5	23%	429	30%
Doctoral Degree	5	23%	122	8%
College (applied) Program Certification	6	27%	188	13%
Professional Association Certification	3	14%	208	14%
Other	2	9%	105	7%
Total Respondents	32	146%	1,443	100%

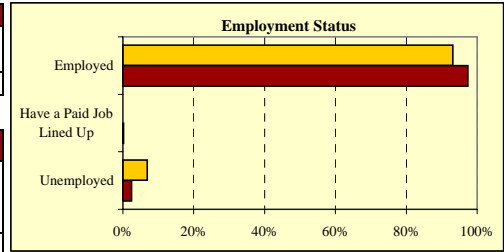


**Detailed Summary of Survey Results**  
**University of British Columbia**  
**6 Digit CIP: 11.0701: Computer Science**

■ UBC  
■ 11.0701

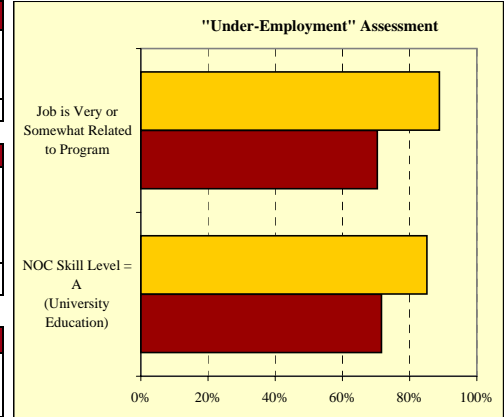
**EMPLOYMENT**

17. Labour Force Status:	11.0701	UBC
In Labour Force (working or seeking work)	58 91%	1,978 88%
Not in Labour Force	6 9%	265 12%
Grand Total	64 100%	2,243 100%



18. Employment Status of those IN Labour Force:	11.0701	UBC
Employed	54 93%	1,926 97%
Have a Paid Job Lined Up	- 0%	3 0%
Unemployed	4 7%	49 2%
Total Labour Force	58 100%	1,978 100%

19. Status of Graduates NOT in Labour Force:	11.0701	UBC
Attending School FT	5 83%	171 65%
Attending School PT	- 0%	6 2%
Other	1 17%	88 33%
Total NOT in Labour Force	6 100%	265 100%

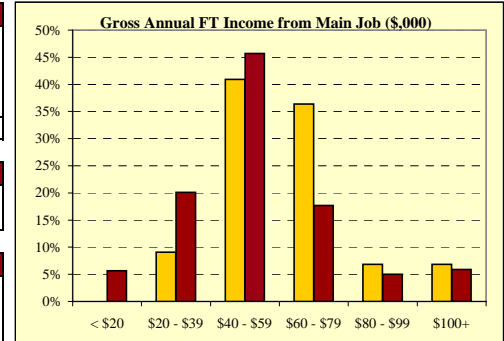


20. Employment Type:	11.0701	UBC
Paid worker	52 96%	1,706 89%
Self-employed	1 2%	153 8%
Both a paid worker and self-employed	1 2%	67 3%
Total Employed	54 100%	1,926 100%

21. Job Characteristics:	11.0701	UBC
I hold more than one job	3 6%*	243 13%*
My main job is full-time (>= 30 hours per week)	53 98%**	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?	11.0701	UBC
Very Related	31 57%	844 44%
Somewhat Related	17 31%	511 27%
Not Very Related	4 7%	248 13%
Not At All Related	2 4%	322 17%
Total	54 100%	1,925 100%



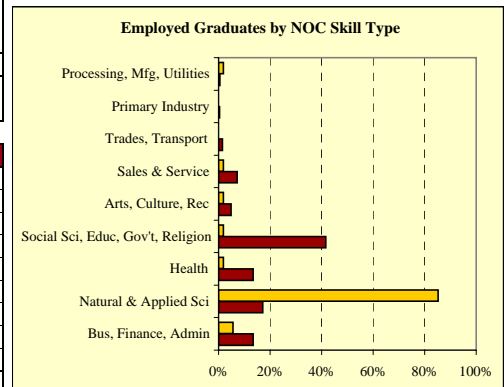
23. "Under-employment" Assessment:	11.0701	UBC
Job is very or somewhat related to program	48 89%	1,355 70%
NOC Skill Level = A (University Education)	46 85%	1,376 72%

\* of total valid responses

24. Gross Annual Income from Main Job:*	11.0701	UBC
Less than \$20,000	- 0%	99 6%
\$20,000 to \$39,999	4 9%	350 20%
\$40,000 to \$59,999	18 41%	796 46%
\$60,000 to \$79,999	16 36%	308 18%
\$80,000 to \$99,999	3 7%	87 5%
\$100,000 and Above	3 7%	103 6%
Total	44 100%	1,743 100%
Median Annual Income (full-time)	\$60,000	\$50,000
Average Annual Income (full-time)	\$61,866	\$56,514

\* where data provided

25. NOC Skill Type of Main Job:	11.0701	UBC
Business, Finance and Administration	3 6%	257 13%
Natural and Applied Sciences and Related	46 85%	328 17%
Health	1 2%	256 13%
Social Sciences, Educ., Gov't Services, Religion	1 2%	795 42%
Arts, Culture, Recreation and Sport	1 2%	93 5%
Sales and Service	1 2%	138 7%
Trades, Transport and Equip. Operators and Related	- 0%	28 1%
Unique to the Primary Industry	- 0%	7 0%
Unique to Processing, Manufacturing and Utilities	1 2%	9 0%
Total	54 100%	1,911 100%

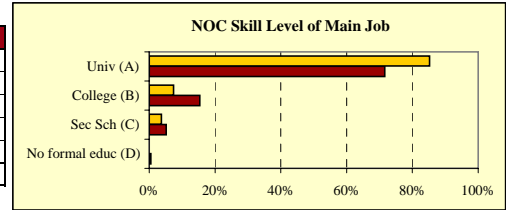


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**University of British Columbia**  
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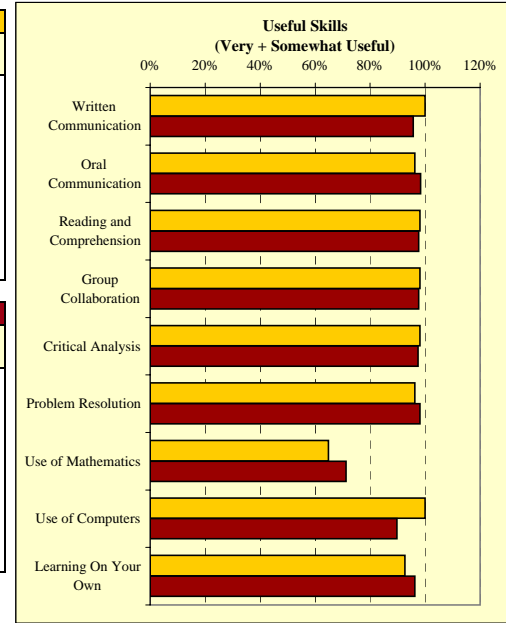
■ UBC  
■ 11.0701

**EMPLOYMENT, continued**

<b>26. NOC Skill Level of Main Job:</b>	<b>11.0701</b>		<b>UBC</b>	
A. University education	46	85%	1,376	72%
B. College education/trade apprenticeship	4	7%	296	15%
C. Secondary school + job-specific training	2	4%	99	5%
D. No formal education	-	0%	9	0%
No skill level assigned (management)	2	4%	142	7%
<b>Total</b>	<b>54</b>	<b>100%</b>	<b>1,922</b>	<b>100%</b>



<b>27a. How useful are the following skills and abilities in doing your main job?</b>	<b>11.0701</b>				<b>#</b>
	Very Useful	Somewhat Useful	Not Very Useful	Not at all Useful	Resp.
Written Communication	59%	41%	0%	0%	54
Oral Communication	63%	33%	4%	0%	54
Reading and Comprehension	70%	28%	2%	0%	54
Group Collaboration	70%	28%	2%	0%	54
Critical Analysis	76%	22%	2%	0%	54
Problem Resolution	67%	30%	4%	0%	54
Use of Mathematics Appropriate to Field	17%	48%	31%	4%	54
Use of Computers Appropriate to Field	81%	19%	0%	0%	54
Learning On Your Own	70%	22%	7%	0%	54



<b>27b. How useful are the following skills and abilities in doing your main job?</b>	<b>UBC</b>				<b>#</b>
	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

<b>28a. Top 10 Full-time Occupations of 11.0701 Graduates:</b>					<b>11.0701</b>	
NOC	NOC	Skill Level Description	% Employed FT in this Occ.**	Median FT Salary		
2174	A	Computer Programmers/Interactive Media Developers	46.3%	\$58,000		
2173	A	Software Engineers	14.8%	\$65,000		
2171	A	Information Systems Analysts and Consultants	14.8%	\$64,500		
*						
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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

<b>28b. Top 10 Full-time Occupations of Graduates from University of British Columbia:</b>					<b>UBC</b>	
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		

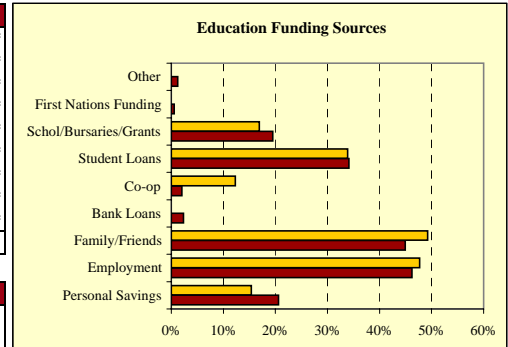
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**EDUCATION FINANCING**

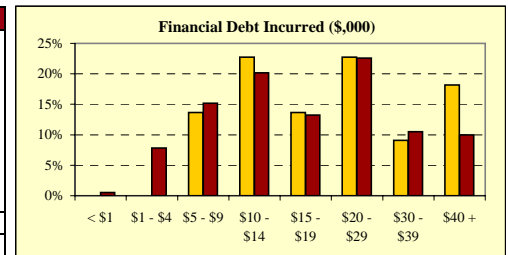
29. Education Funding Sources (2 sources per respondent):	11.0701	UBC
Personal Savings	10 15%*	462 21%*
Employment	31 48%*	1,037 46%*
Family/Friends	32 49%*	1,008 45%*
Bank Loans	- 0%*	53 2%*
Student Loans	22 34%*	765 34%*
Scholarships/Bursaries/Grants	11 17%*	437 19%*
Co-op	8 12%*	45 2%*
First Nations Funding	- 0%*	12 1%*
Other	- 0%*	28 1%*
<b>Total Respondents</b>	<b>65</b>	<b>2,244</b>

\* Percentage of respondents who identified this source



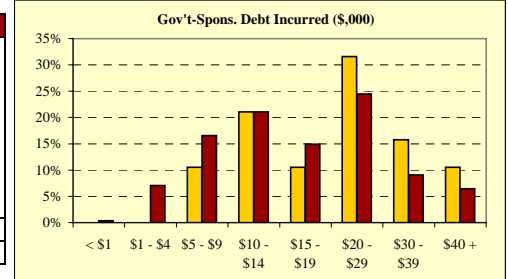
30. Financial Debt Incurred to Finance Univ. Education:	11.0701	UBC
Incurred any form of financial debt	22 34%*	922 41%
Incurred government-sponsored student loan debt	19 29%*	792 35%

\* Percentage of respondents who provided data



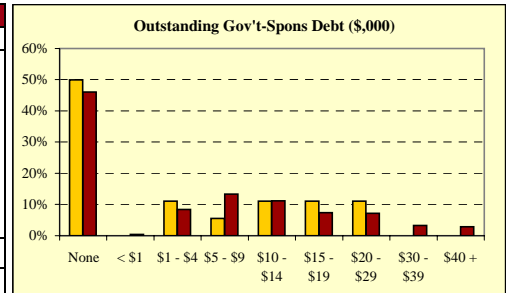
31. Financial Debt Amount:*	11.0701	UBC
< \$1,000	- 0%	5 1%
\$1,000 to \$4,999	- 0%	72 8%
\$5,000 to \$9,999	3 14%	140 15%
\$10,000 to \$14,999	5 23%	186 20%
\$15,000 to \$19,999	3 14%	122 13%
\$20,000 to \$29,999	5 23%	208 23%
\$30,000 to \$39,999	2 9%	97 11%
\$40,000 or More	4 18%	92 10%
<b>Total</b>	<b>22 100%</b>	<b>922 100%</b>
<b>Median Financial Debt</b>	<b>\$19,000</b>	<b>\$15,000</b>

\*includes only cases where financial debt was incurred



32. Government-Sponsored Student Loan Debt Amount:*	11.0701	UBC
< \$1,000	- 0%	3 0%
\$1,000 to \$4,999	- 0%	56 7%
\$5,000 to \$9,999	2 11%	131 17%
\$10,000 to \$14,999	4 21%	167 21%
\$15,000 to \$19,999	2 11%	118 15%
\$20,000 to \$29,999	6 32%	194 24%
\$30,000 to \$39,999	3 16%	72 9%
\$40,000 or More	2 11%	51 6%
<b>Total</b>	<b>19 100%</b>	<b>792 100%</b>
<b>Median Gov't-Sponsored Student Loan Debt</b>	<b>\$20,000</b>	<b>\$15,000</b>

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



33. Outstanding Gov't-Sponsored Loan Debt Amount:*	11.0701	UBC
None - Loan repaid in full	9 50%	341 46%
< \$1,000	- 0%	3 0%
\$1,000 to \$4,999	2 11%	62 8%
\$5,000 to \$9,999	1 6%	99 13%
\$10,000 to \$14,999	2 11%	83 11%
\$15,000 to \$19,999	2 11%	55 7%
\$20,000 to \$29,999	2 11%	53 7%
\$30,000 to \$39,999	- 0%	24 3%
\$40,000 or More	- 0%	21 3%
<b>Total</b>	<b>18 100%</b>	<b>741 100%</b>
<b>Median Gov't-Sponsored Loan Debt Outstanding</b>	<b>\$1,500</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?	11.0701	UBC		
	To a great extent	4	6%	517	23%
	To some extent	34	52%	1,105	49%
	To a small extent	19	29%	466	21%
	To no extent at all	8	12%	154	7%
	Total	65	100%	2,242	100%

35.	To what extent did your university experience lead you to appreciate your rights, responsibilities and privileges as a citizen?	11.0701	UBC		
	To a great extent	8	12%	541	24%
	To some extent	31	48%	1,064	47%
	To a small extent	18	28%	453	20%
	To no extent at all	8	12%	178	8%
	Total	65	100%	2,236	100%

36.	In the past 12 months, as an unpaid volunteer, have you...	11.0701	UBC		
	worked for any type of organization?	28	43%	1,248	56%
	done any canvassing, campaigning or fundraising?	13	46%	524	42%
	done any coaching, mentoring or tutoring?	16	57%	791	64%
	engaged in any activities aimed at bringing about social or environmental change?	8	29%	594	48%
	helped organize or supervise activities or events for an organization?	21	75%	847	68%
	done any consulting, executive, office or administrative work?	9	32%	411	33%
	collected, served or delivered food or other goods?	7	25%	329	26%
	been involved in the identification and description of practical community problems?	3	11%	310	25%
	Average hours volunteered over last 12 months *	65		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? *	11.0701	UBC		
	To a great extent	1	4%	169	14%
	To some extent	8	29%	415	33%
	To a small extent	8	29%	332	27%
	To no extent at all	11	39%	329	26%
	Total	28	100%	1,245	100%

\*includes only cases where volunteer activity was reported

38.	Are you a member or participant in...	11.0701	UBC		
	a work-related organization such as a union or professional association?	7	11%	1,427	64%
	a political organization?	3	5%	137	6%
	a cultural, education or hobby organization?	25	38%	721	32%
	a sports or recreation organization?	20	31%	930	41%
	a religious-affiliated group?	20	31%	455	20%
	a school group, a neighbourhood, civic or community association?	5	8%	486	22%
	Avg. charitable contributions over last 12 months *	\$960		\$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?	11.0701	UBC		
	To a great extent	1	2%	81	5%
	To some extent	9	16%	385	22%
	To a small extent	22	39%	492	28%
	To no extent at all	24	43%	806	46%
	Total	56	100%	1,764	100%

