

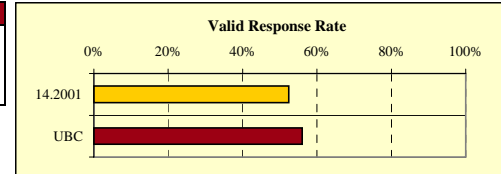
# B.C. University Student Outcomes 2005 Survey of 2000 Baccalaureate Graduates

Detailed Summary of Survey Results  
University of British Columbia  
6 Digit CIP: 14.2001: Metallurgical Engineering

■ UBC  
■ 14.2001

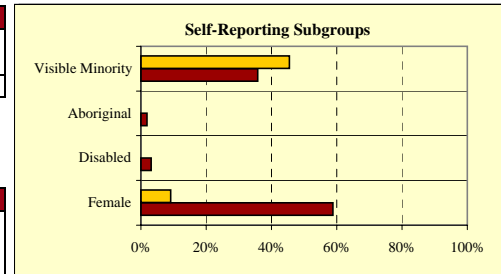
## RESPONSE RATE

1. Survey Response Rate:	14.2001	UBC		
2000 Baccalaureate Graduates Survey Cohort	24		5,198	
Net Frame	21		4,005	
Survey Respondents and Valid Response Rate	11	52%	2,244	56%



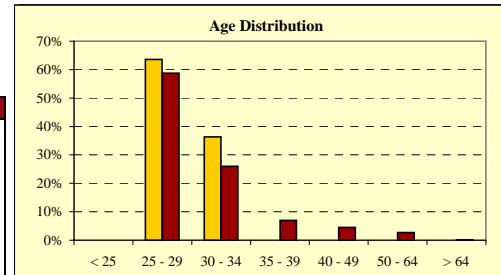
## DEMOGRAPHIC INFORMATION

2. Gender:	14.2001	UBC		
Male	10	91%	925	41%
Female	1	9%	1,319	59%
Total	11	100%	2,244	100%

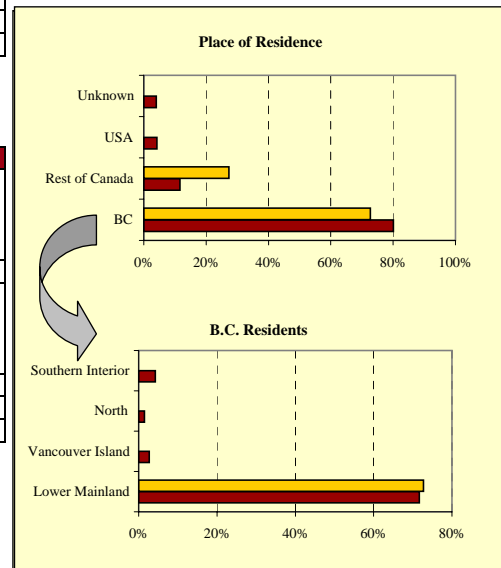


3. Self-Reporting Subgroups:	14.2001	UBC		
Disabled	-	0%	70	3%
Aboriginal	-	0%	42	2%
Visible Minority	5	45%	803	36%

4. Age (at time of survey):	14.2001	UBC		
< 25	-	0%	1	0%
25 to 29	7	64%	1,319	59%
30 to 34	4	36%	583	26%
35 to 39	-	0%	157	7%
40 to 49	-	0%	102	5%
50 to 64	-	0%	60	3%
> 64	-	0%	2	0%
Unknown	-	0%	20	1%
Total	11	100%	2,244	100%
Mean Age:	28.9		30.9	

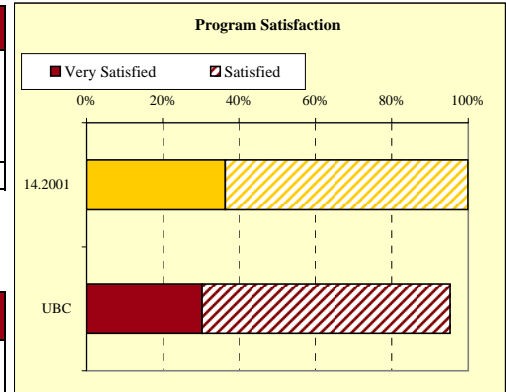


5. Place of Residence (at time of survey):	14.2001	UBC		
BC - Lower Mainland	8	73%	1,609	72%
BC - Vancouver Island	-	0%	61	3%
BC - North	-	0%	33	1%
BC - Southern Interior	-	0%	95	4%
BC Subtotal	8	73%	1,798	80%
Canada - Alberta	2	18%	83	4%
Canada - Ontario	1	9%	125	6%
Canada - Other	-	0%	52	2%
U.S.A.	-	0%	95	4%
Non-BC Subtotal	3	27%	355	16%
Unknown	-	0%	91	4%
Total	11	100%	2,244	100%

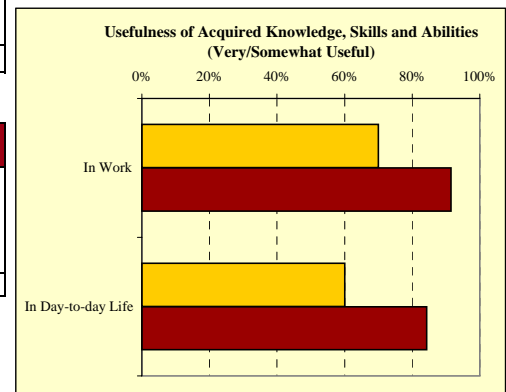


**EDUCATION EVALUATION**

8. Program Satisfaction:	14.2001		UBC	
Very Satisfied	4	36%	675	30%
Satisfied	7	64%	1,453	65%
Dissatisfied	-	0%	88	4%
Very Dissatisfied	-	0%	17	1%
<b>Total</b>	<b>11</b>	<b>100%</b>	<b>2,233</b>	<b>100%</b>

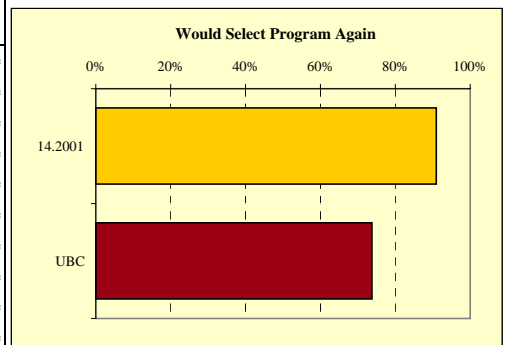


6. Usefulness of Knowledge, Skills, and Abilities Acquired at University in Work:	14.2001		UBC	
Very Useful	2	20%	913	47%
Somewhat Useful	5	50%	847	44%
Not Very Useful	3	30%	120	6%
Not at All Useful	-	0%	44	2%
<b>Total</b>	<b>10</b>	<b>100%</b>	<b>1,924</b>	<b>100%</b>



7. Usefulness of Knowledge, Skills, and Abilities Acquired at University in Day-to-day Life:	14.2001		UBC	
Very Useful	-	0%	532	28%
Somewhat Useful	6	60%	1,087	57%
Not Very Useful	3	30%	250	13%
Not at All Useful	1	10%	51	3%
<b>Total</b>	<b>10</b>	<b>100%</b>	<b>1,920</b>	<b>100%</b>

9. Would you select the same program again?	14.2001		UBC	
Yes	10	91%	1,606	74%
No, because . . . (multiple response question)	1	100%*	571	28%*
. . . interests have changed	1	100%*	201	28%*
. . . courses were not practical	-	0%*	115	16%*
. . . little or no career opportunities	-	0%*	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	-	0%*	62	9%*
. . . did not agree with grading system	-	0%*	6	1%*
. . . did not like institution	-	0%*	16	2%*
. . . other	-	0%*	26	4%*



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

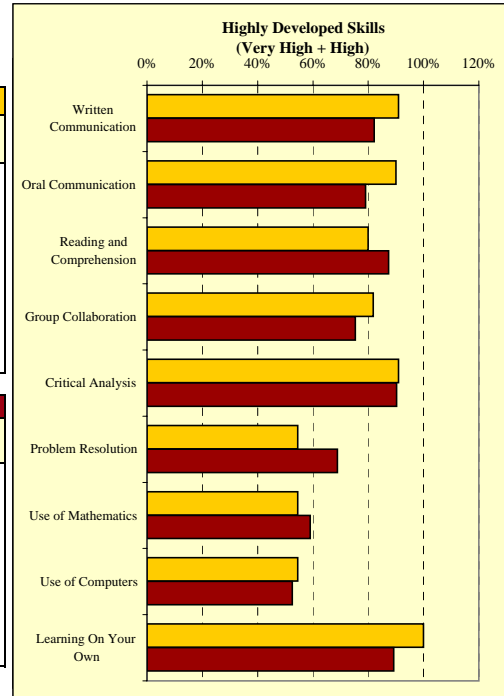
**SKILL DEVELOPMENT**

**14a.**

To what degree did university help you develop the following skills?	14.2001				# Resp.
	Very High	High	Low	Very Low	
Written Communication	18%	73%	9%	0%	11
Oral Communication	30%	60%	10%	0%	10
Reading and Comprehension	10%	70%	20%	0%	10
Group Collaboration	36%	45%	18%	0%	11
Critical Analysis	27%	64%	9%	0%	11
Problem Resolution	18%	36%	45%	0%	11
Use of Mathematics Appropriate to Field	18%	36%	45%	0%	11
Use of Computers Appropriate to Field	18%	36%	27%	18%	11
Learning On Your Own	9%	91%	0%	0%	11

**14b.**

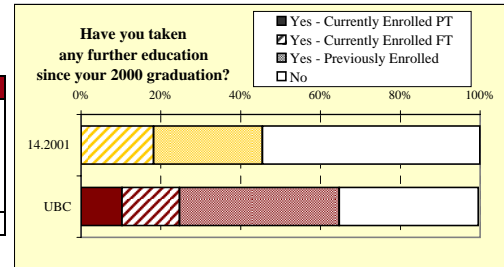
To what degree did university help you develop the following skills?	UBC				# Resp.
	Very High	High	Low	Very Low	
Written Communication	22%	60%	16%	2%	2,179
Oral Communication	18%	61%	20%	1%	2,194
Reading and Comprehension	25%	63%	12%	1%	2,178
Group Collaboration	19%	57%	23%	1%	2,160
Critical Analysis	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**

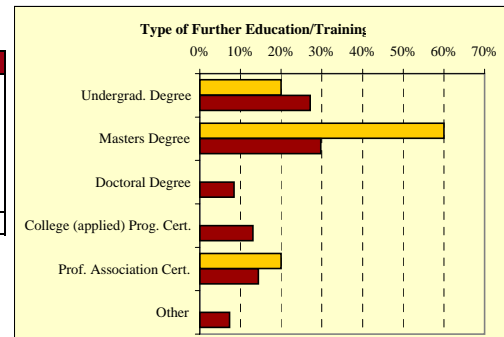
**15.**

Took further formal education since 2000 graduation	14.2001	UBC
Yes:	5	1,462
Not currently enrolled	3	898
Currently enrolled full-time	2	325
Currently enrolled part-time	-	230
No	6	782
Total	11	2,244



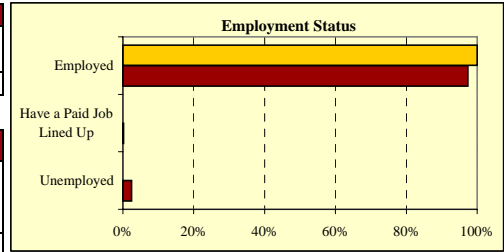
**16.**

Type of Formal Post-Secondary Education	14.2001	UBC
Undergraduate Degree	1	391
Masters Degree	3	429
Doctoral Degree	-	122
College (applied) Program Certification	-	188
Professional Association Certification	1	208
Other	-	105
Total Respondents	19	1,443



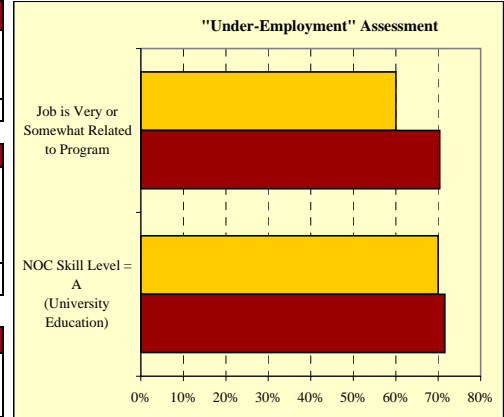
**EMPLOYMENT**

17. Labour Force Status:	14.2001	UBC
In Labour Force (working or seeking work)	10 91%	1,978 88%
Not in Labour Force	1 9%	265 12%
Grand Total	11 100%	2,243 100%



18. Employment Status of those IN Labour Force:	14.2001	UBC
Employed	10 100%	1,926 97%
Have a Paid Job Lined Up	- 0%	3 0%
Unemployed	- 0%	49 2%
Total Labour Force	10 100%	1,978 100%

19. Status of Graduates NOT in Labour Force:	14.2001	UBC
Attending School FT	1 100%	171 65%
Attending School PT	- 0%	6 2%
Other	- 0%	88 33%
Total NOT in Labour Force	1 100%	265 100%

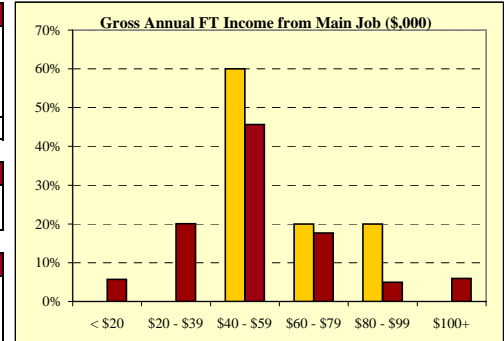


20. Employment Type:	14.2001	UBC
Paid worker	9 90%	1,706 89%
Self-employed	- 0%	153 8%
Both a paid worker and self-employed	1 10%	67 3%
Total Employed	10 100%	1,926 100%

21. Job Characteristics:	14.2001	UBC
I hold more than one job	- 0%*	243 13%*
My main job is full-time (>= 30 hours per week)	10 100%**	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?	14.2001	UBC
Very Related	1 10%	844 44%
Somewhat Related	5 50%	511 27%
Not Very Related	3 30%	248 13%
Not At All Related	1 10%	322 17%
Total	10 100%	1,925 100%

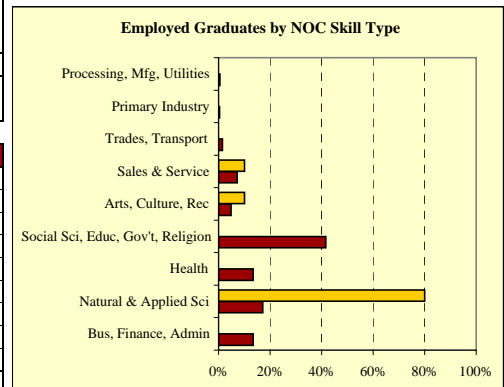


23. "Under-employment" Assessment:	14.2001	UBC
Job is very or somewhat related to program	6 60%	1,355 70%
NOC Skill Level = A (University Education)	7 70%	1,376 72%

\* of total valid responses

24. Gross Annual Income from Main Job:*	14.2001	UBC
Less than \$20,000	- 0%	99 6%
\$20,000 to \$39,999	- 0%	350 20%
\$40,000 to \$59,999	6 60%	796 46%
\$60,000 to \$79,999	2 20%	308 18%
\$80,000 to \$99,999	2 20%	87 5%
\$100,000 and Above	- 0%	103 6%
Total	10 100%	1,743 100%
Median Annual Income (full-time)	\$57,750	\$50,000
Average Annual Income (full-time)	\$61,950	\$56,514

\* where data provided



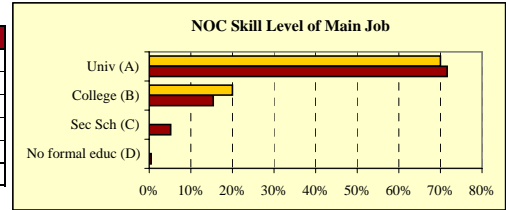
25. NOC Skill Type of Main Job:	14.2001	UBC
Business, Finance and Administration	- 0%	257 13%
Natural and Applied Sciences and Related	8 80%	328 17%
Health	- 0%	256 13%
Social Sciences, Educ., Gov't Services, Religion	- 0%	795 42%
Arts, Culture, Recreation and Sport	1 10%	93 5%
Sales and Service	1 10%	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	10 100%	1,911 100%

**Detailed Summary of Survey Results**  
**University of British Columbia**  
**6 Digit CIP: 14.2001: Metallurgical Engineering**

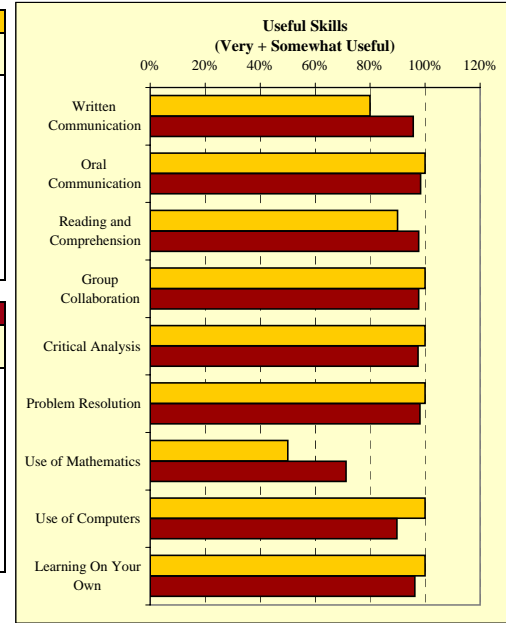
■ UBC  
■ 14.2001

**EMPLOYMENT, continued**

<b>26. NOC Skill Level of Main Job:</b>	<b>14.2001</b>		<b>UBC</b>	
A. University education	7	70%	1,376	72%
B. College education/trade apprenticeship	2	20%	296	15%
C. Secondary school + job-specific training	-	0%	99	5%
D. No formal education	-	0%	9	0%
No skill level assigned (management)	1	10%	142	7%
<b>Total</b>	<b>10</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>14.2001</b>				
	Very Useful	Somewhat Useful	Not Very Useful	Not at all Useful	# Resp.
Written Communication	70%	10%	20%	0%	10
Oral Communication	70%	30%	0%	0%	10
Reading and Comprehension	50%	40%	10%	0%	10
Group Collaboration	70%	30%	0%	0%	10
Critical Analysis	90%	10%	0%	0%	10
Problem Resolution	80%	20%	0%	0%	10
Use of Mathematics Appropriate to Field	10%	40%	40%	10%	10
Use of Computers Appropriate to Field	60%	40%	0%	0%	10
Learning On Your Own	70%	30%	0%	0%	10



<b>27b. How useful are the following skills and abilities in doing your main job?</b>	<b>UBC</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 14.2001 Graduates:</b>	<b>14.2001</b>		
NOC	NOC Skill Level Description	% Employed FT in this Occ.**	Median FT Salary
*			
*			
*			
*			
*			
*			
*			
*			
*			
*			

\*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

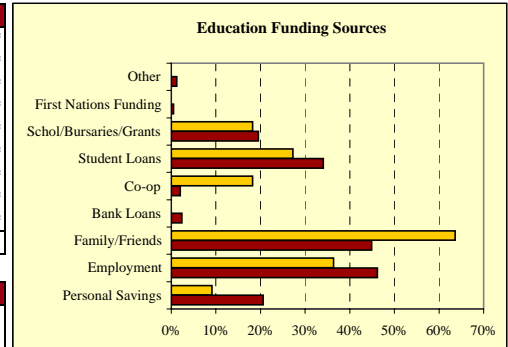
\*data not displayed where n < 5

\*\*percentages cited are of those for whom occupational data was provided, full-time and part-time

**EDUCATION FINANCING**

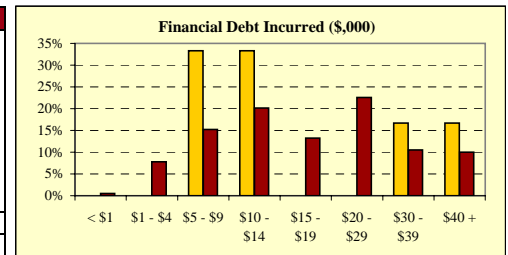
29. Education Funding Sources (2 sources per respondent):	14.2001	UBC
Personal Savings	1 9%*	462 21%*
Employment	4 36%*	1,037 46%*
Family/Friends	7 64%*	1,008 45%*
Bank Loans	- 0%*	53 2%*
Student Loans	3 27%*	765 34%*
Scholarships/Bursaries/Grants	2 18%*	437 19%*
Co-op	2 18%*	45 2%*
First Nations Funding	- 0%*	12 1%*
Other	- 0%*	28 1%*
<b>Total Respondents</b>	<b>11</b>	<b>2,244</b>

\* Percentage of respondents who identified this source



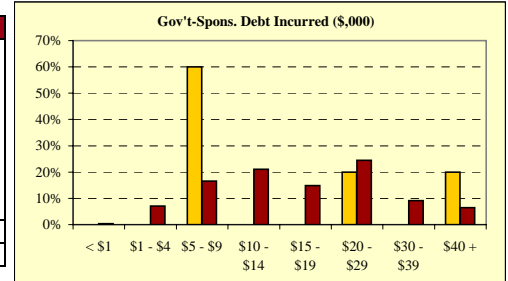
30. Financial Debt Incurred to Finance Univ. Education:	14.2001	UBC
Incurred any form of financial debt	6 55%*	922 41%
Incurred government-sponsored student loan debt	5 45%*	792 35%

\* Percentage of respondents who provided data



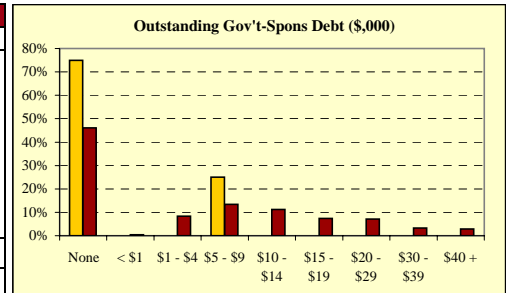
31. Financial Debt Amount:*	14.2001	UBC
< \$1,000	- 0%	5 1%
\$1,000 to \$4,999	- 0%	72 8%
\$5,000 to \$9,999	2 33%	140 15%
\$10,000 to \$14,999	2 33%	186 20%
\$15,000 to \$19,999	- 0%	122 13%
\$20,000 to \$29,999	- 0%	208 23%
\$30,000 to \$39,999	1 17%	97 11%
\$40,000 or More	1 17%	92 10%
<b>Total</b>	<b>6</b> <b>100%</b>	<b>922</b> <b>100%</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:*	14.2001	UBC
< \$1,000	- 0%	3 0%
\$1,000 to \$4,999	- 0%	56 7%
\$5,000 to \$9,999	3 60%	131 17%
\$10,000 to \$14,999	- 0%	167 21%
\$15,000 to \$19,999	- 0%	118 15%
\$20,000 to \$29,999	1 20%	194 24%
\$30,000 to \$39,999	- 0%	72 9%
\$40,000 or More	1 20%	51 6%
<b>Total</b>	<b>5</b> <b>100%</b>	<b>792</b> <b>100%</b>
<b>Median Gov't-Sponsored Student Loan Debt</b>	<b>\$5,000</b>	<b>\$15,000</b>

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



33. Outstanding Gov't-Sponsored Loan Debt Amount:*	14.2001	UBC
None - Loan repaid in full	3 75%	341 46%
< \$1,000	- 0%	3 0%
\$1,000 to \$4,999	- 0%	62 8%
\$5,000 to \$9,999	1 25%	99 13%
\$10,000 to \$14,999	- 0%	83 11%
\$15,000 to \$19,999	- 0%	55 7%
\$20,000 to \$29,999	- 0%	53 7%
\$30,000 to \$39,999	- 0%	24 3%
\$40,000 or More	- 0%	21 3%
<b>Total</b>	<b>4</b> <b>100%</b>	<b>741</b> <b>100%</b>
<b>Median Gov't-Sponsored Loan Debt Outstanding</b>	<b>\$0</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?	14.2001		UBC	
To a great extent	1	9%	517	23%
To some extent	5	45%	1,105	49%
To a small extent	5	45%	466	21%
To no extent at all	-	0%	154	7%
<b>Total</b>	<b>11</b>	<b>100%</b>	<b>2,242</b>	<b>100%</b>

35. To what extent did your university experience lead you to appreciate your rights, responsibilities and privileges as a citizen?	14.2001		UBC	
To a great extent	-	0%	541	24%
To some extent	3	27%	1,064	47%
To a small extent	6	55%	453	20%
To no extent at all	2	18%	178	8%
<b>Total</b>	<b>11</b>	<b>100%</b>	<b>2,236</b>	<b>100%</b>

36. In the past 12 months, as an unpaid volunteer, have you...	14.2001		UBC	
worked for any type of organization?	7	64%	1,248	56%
done any canvassing, campaigning or fundraising?	4	57%	524	42%
done any coaching, mentoring or tutoring?	5	71%	791	64%
engaged in any activities aimed at bringing about social or environmental change?	3	43%	594	48%
helped organize or supervise activities or events for an organization?	4	57%	847	68%
done any consulting, executive, office or administrative work?	3	43%	411	33%
collected, served or delivered food or other goods?	3	43%	329	26%
been involved in the identification and description of practical community problems?	2	29%	310	25%
Average hours volunteered over last 12 months *	287		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? *	14.2001		UBC	
To a great extent	1	14%	169	14%
To some extent	-	0%	415	33%
To a small extent	2	29%	332	27%
To no extent at all	4	57%	329	26%
<b>Total</b>	<b>7</b>	<b>100%</b>	<b>1,245</b>	<b>100%</b>

\*includes only cases where volunteer activity was reported

38. Are you a member or participant in...	14.2001		UBC	
a work-related organization such as a union or professional association?	5	45%	1,427	64%
a political organization?	1	9%	137	6%
a cultural, education or hobby organization?	1	9%	721	32%
a sports or recreation organization?	5	45%	930	41%
a religious-affiliated group?	2	18%	455	20%
a school group, a neighbourhood, civic or community association?	-	0%	486	22%
Avg. charitable contributions over last 12 months *	\$1,583		\$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?	14.2001		UBC	
To a great extent	1	17%	81	5%
To some extent	1	17%	385	22%
To a small extent	1	17%	492	28%
To no extent at all	3	50%	806	46%
<b>Total</b>	<b>6</b>	<b>100%</b>	<b>1,764</b>	<b>100%</b>

