

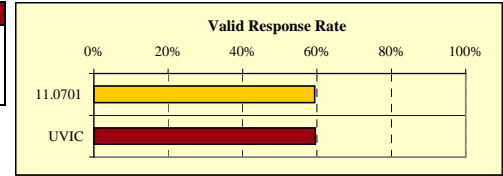
# B.C. University Student Outcomes 2005 Survey of 2000 Baccalaureate Graduates

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

■ UVIC  
■ 11.0701

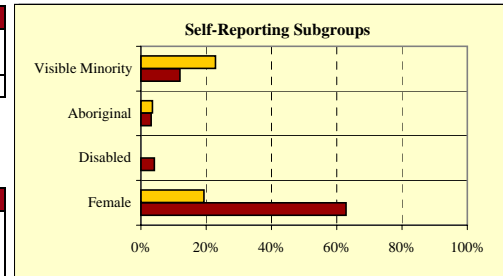
## RESPONSE RATE

1. Survey Response Rate:	11.0701	UVIC	
2000 Baccalaureate Graduates Survey Cohort	110	2,974	
Net Frame	96	2,661	
Survey Respondents and Valid Response Rate	57	1,584	60%



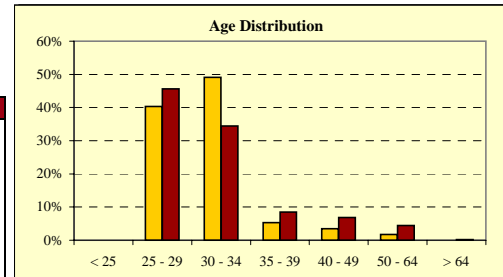
## DEMOGRAPHIC INFORMATION

2. Gender:	11.0701	UVIC	
Male	46	81%	588 37%
Female	11	19%	996 63%
Total	57	100%	1,584 100%

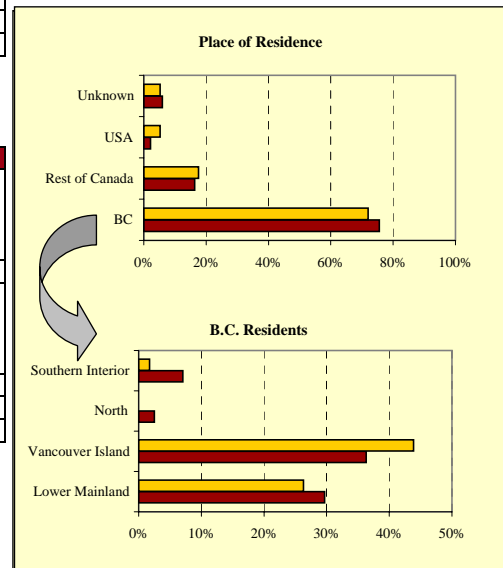


3. Self-Reporting Subgroups:	11.0701	UVIC	
Disabled	-	0%	65 4%
Aboriginal	2	4%	49 3%
Visible Minority	13	23%	189 12%

4. Age (at time of survey):	11.0701	UVIC	
< 25	-	0%	- 0%
25 to 29	23	40%	723 46%
30 to 34	28	49%	545 34%
35 to 39	3	5%	134 8%
40 to 49	2	4%	109 7%
50 to 64	1	2%	70 4%
> 64	-	0%	3 0%
Unknown	-	0%	- 0%
Total	57	100%	1,584 100%
Mean Age:	31.3		32.3

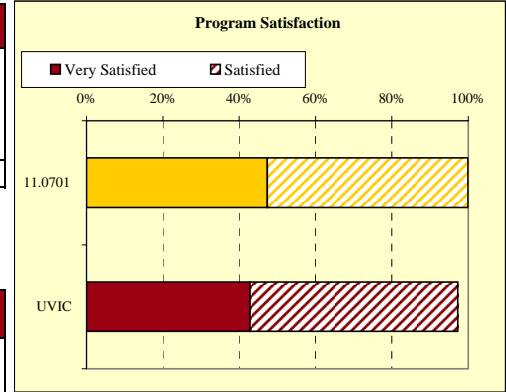


5. Place of Residence (at time of survey):	11.0701	UVIC	
BC - Lower Mainland	15	26%	470 30%
BC - Vancouver Island	25	44%	575 36%
BC - North	-	0%	40 3%
BC - Southern Interior	1	2%	112 7%
BC Subtotal	41	72%	1,197 76%
Canada - Alberta	2	4%	115 7%
Canada - Ontario	5	9%	90 6%
Canada - Other	3	5%	54 3%
U.S.A.	3	5%	34 2%
Non-BC Subtotal	13	23%	293 18%
Unknown	3	5%	94 6%
Total	57	100%	1,584 100%

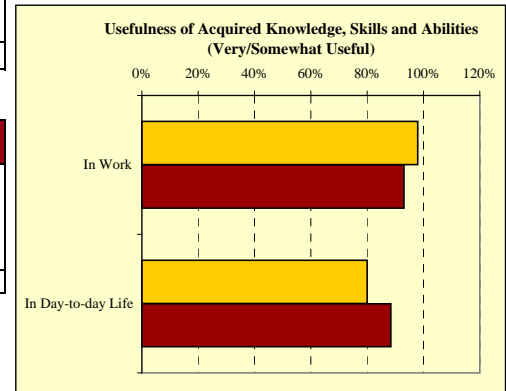


**EDUCATION EVALUATION**

8. Program Satisfaction:	11.0701		UVIC	
Very Satisfied	27	47%	678	43%
Satisfied	30	53%	862	54%
Dissatisfied	-	0%	34	2%
Very Dissatisfied	-	0%	8	1%
Total	57	100%	1,582	100%

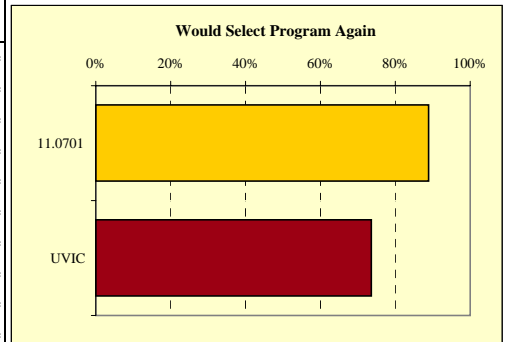


6. Usefulness of Knowledge, Skills, and Abilities Acquired at University in Work:	11.0701		UVIC	
Very Useful	28	56%	713	52%
Somewhat Useful	21	42%	553	41%
Not Very Useful	1	2%	73	5%
Not at All Useful	-	0%	21	2%
Total	50	100%	1,360	100%



7. Usefulness of Knowledge, Skills, and Abilities Acquired at University in Day-to-day Life:	11.0701		UVIC	
Very Useful	11	22%	505	37%
Somewhat Useful	29	58%	695	51%
Not Very Useful	9	18%	130	10%
Not at All Useful	1	2%	28	2%
Total	50	100%	1,358	100%

9. Would you select the same program again?	11.0701		UVIC	
Yes	48	89%	1,111	74%
No, because . . . (multiple response question)	6		399	
. . . interests have changed	3	43%*	138	27%*
. . . courses were not practical	1	14%*	76	15%*
. . . little or no career opportunities	2	29%*	169	33%*
. . . not enough course variety	-	0%*	5	1%*
. . . skills acquired were not very useful	-	0%*	25	5%*
. . . courses were poorly taught	-	0%*	13	3%*
. . . program was too general	1	14%*	63	12%*
. . . did not agree with grading system	-	0%*	3	1%*
. . . did not like institution	-	0%*	7	1%*
. . . other	-	0%*	19	4%*



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

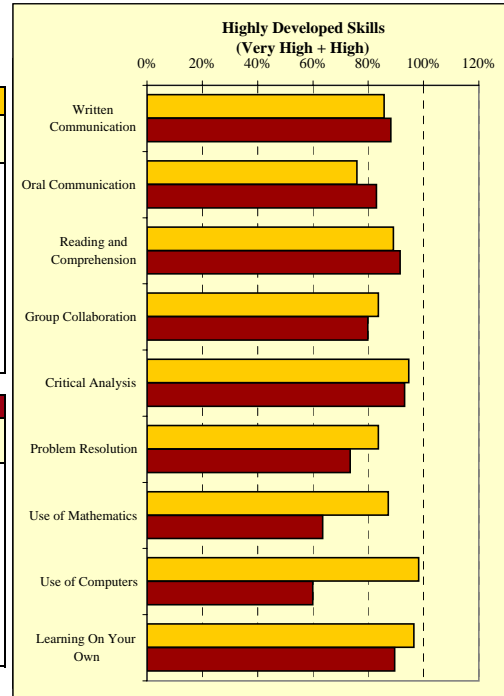
**SKILL DEVELOPMENT**

**14a.**

To what degree did university help you develop the following skills?	11.0701				# Resp.
	Very High	High	Low	Very Low	
Written Communication	4%	82%	14%	0%	56
Oral Communication	11%	65%	24%	0%	54
Reading and Comprehension	13%	76%	11%	0%	55
Group Collaboration	16%	67%	16%	0%	55
Critical Analysis	43%	52%	5%	0%	56
Problem Resolution	16%	67%	16%	0%	55
Use of Mathematics Appropriate to Field	33%	55%	13%	0%	55
Use of Computers Appropriate to Field	61%	37%	2%	0%	57
Learning On Your Own	32%	65%	4%	0%	57

**14b.**

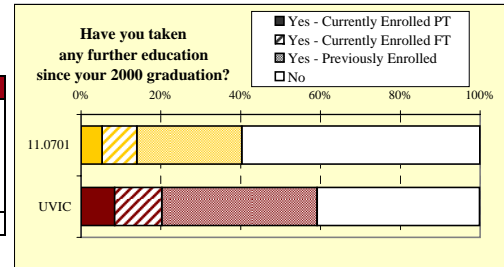
To what degree did university help you develop the following skills?	UVIC				# Resp.
	Very High	High	Low	Very Low	
Written Communication	30%	58%	11%	1%	1,549
Oral Communication	22%	61%	16%	1%	1,547
Reading and Comprehension	32%	60%	8%	0%	1,528
Group Collaboration	25%	55%	19%	1%	1,497
Critical Analysis	39%	54%	6%	0%	1,569
Problem Resolution	15%	58%	25%	1%	1,513
Use of Mathematics Appropriate to Field	16%	48%	30%	7%	1,139
Use of Computers Appropriate to Field	15%	44%	35%	6%	1,354
Learning On Your Own	31%	58%	10%	1%	1,539



**FURTHER EDUCATION**

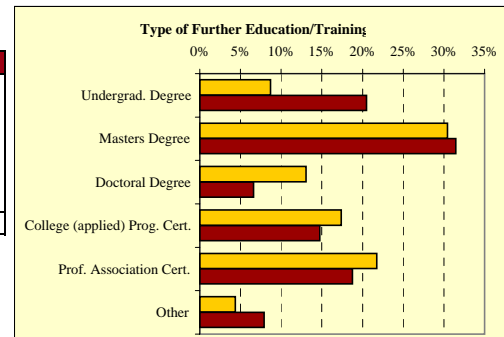
**15.**

Took further formal education since 2000 graduation	11.0701	UVIC
Yes:	23	938
Not currently enrolled	15	616
Currently enrolled full-time	5	187
Currently enrolled part-time	3	134
No	34	646
Total	57	1,584



**16.**

Type of Formal Post-Secondary Education	11.0701	UVIC
Undergraduate Degree	2	189
Masters Degree	7	290
Doctoral Degree	3	61
College (applied) Program Certification	4	136
Professional Association Certification	5	173
Other	1	73
Total Respondents	33	922

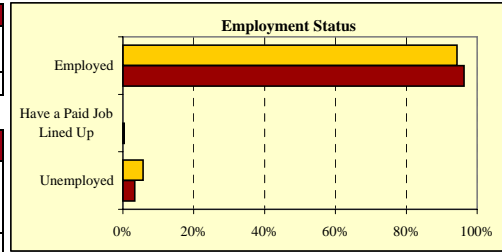


**Detailed Summary of Survey Results**  
**University of Victoria**  
**6 Digit CIP: 11.0701: Computer Science**

■ UVIC  
■ 11.0701

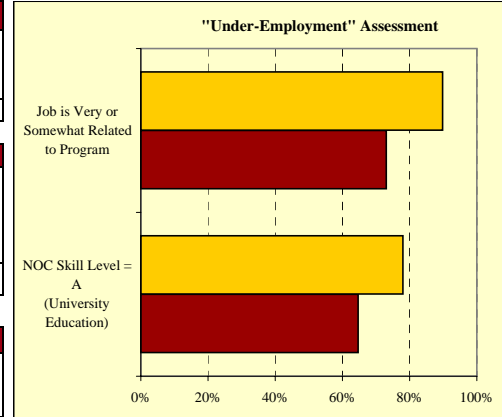
**EMPLOYMENT**

17. Labour Force Status:	11.0701	UVIC
In Labour Force (working or seeking work)	53 93%	1,414 89%
Not in Labour Force	4 7%	168 11%
Grand Total	57 100%	1,582 100%



18. Employment Status of those IN Labour Force:	11.0701	UVIC
Employed	50 94%	1,362 96%
Have a Paid Job Lined Up	- 0%	5 0%
Unemployed	3 6%	47 3%
Total Labour Force	53 100%	1,414 100%

19. Status of Graduates NOT in Labour Force:	11.0701	UVIC
Attending School FT	3 75%	82 49%
Attending School PT	- 0%	7 4%
Other	1 25%	79 47%
Total NOT in Labour Force	4 100%	168 100%

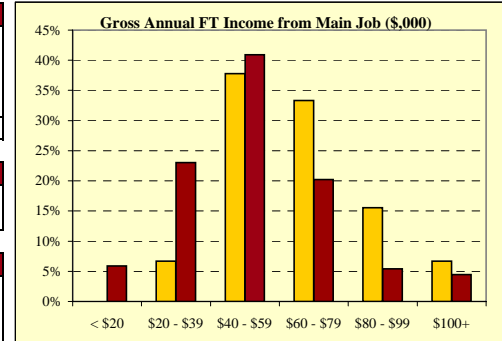


20. Employment Type:	11.0701	UVIC
Paid worker	43 86%	1,170 86%
Self-employed	5 10%	111 8%
Both a paid worker and self-employed	2 4%	80 6%
Total Employed	50 100%	1,362 100%

21. Job Characteristics:	11.0701	UVIC
I hold more than one job	4 8%*	180 13%*
My main job is full-time (>= 30 hours per week)	50 100%**	1,161 87%**

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

22. How related is your main job to your program?	11.0701	UVIC
Very Related	27 55%	554 41%
Somewhat Related	17 35%	439 32%
Not Very Related	3 6%	164 12%
Not At All Related	2 4%	202 15%
Total	49 100%	1,359 100%



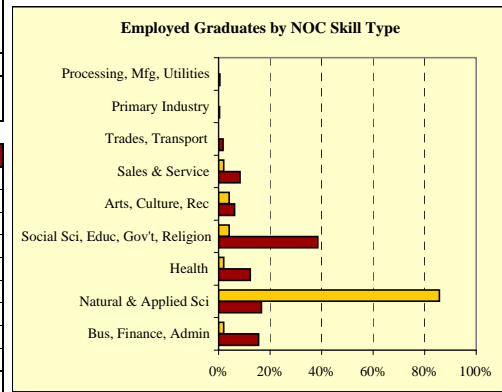
23. "Under-employment" Assessment:	11.0701	UVIC
Job is very or somewhat related to program	44 90%	993 73%
NOC Skill Level = A (University Education)	39 78%	877 65%

\* of total valid responses

24. Gross Annual Income from Main Job:*	11.0701	UVIC
Less than \$20,000	- 0%	74 6%
\$20,000 to \$39,999	3 7%	288 23%
\$40,000 to \$59,999	17 38%	512 41%
\$60,000 to \$79,999	15 33%	253 20%
\$80,000 to \$99,999	7 16%	68 5%
\$100,000 and Above	3 7%	56 4%
Total	45 100%	1,251 100%
Median Annual Income (full-time)	\$60,000	\$50,000
Average Annual Income (full-time)	\$62,189	\$55,364

\* where data provided

25. NOC Skill Type of Main Job:	11.0701	UVIC
Business, Finance and Administration	1 2%	208 15%
Natural and Applied Sciences and Related	42 86%	223 17%
Health	1 2%	165 12%
Social Sciences, Educ., Gov't Services, Religion	2 4%	518 39%
Arts, Culture, Recreation and Sport	2 4%	83 6%
Sales and Service	1 2%	111 8%
Trades, Transport and Equip. Operators and Related	- 0%	24 2%
Unique to the Primary Industry	- 0%	5 0%
Unique to Processing, Manufacturing and Utilities	- 0%	6 0%
Total	49 100%	1,343 100%

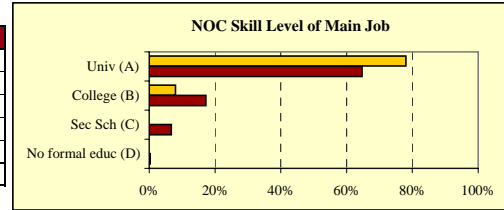


**Detailed Summary of Survey Results**  
**University of Victoria**  
**6 Digit CIP: 11.0701: Computer Science**

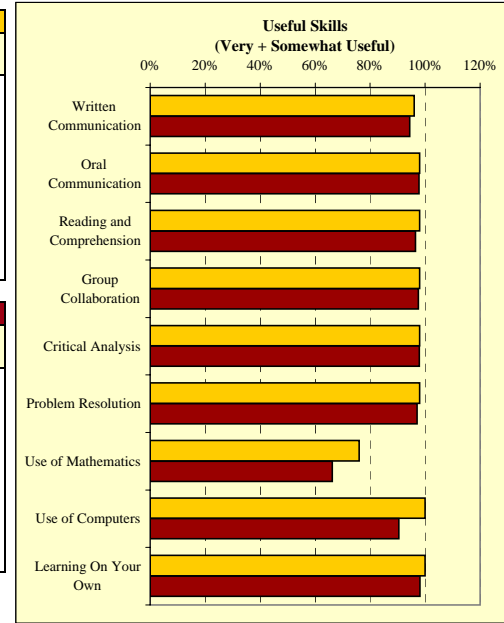
■ UVIC  
■ 11.0701

**EMPLOYMENT, continued**

<b>NOC Skill Level of Main Job:</b>	<b>11.0701</b>		<b>UVIC</b>	
A. University education	39	78%	877	65%
B. College education/trade apprenticeship	4	8%	233	17%
C. Secondary school + job-specific training	-	0%	91	7%
D. No formal education	-	0%	4	0%
No skill level assigned (management)	7	14%	151	11%
<b>Total</b>	<b>50</b>	<b>100%</b>	<b>1,356</b>	<b>100%</b>



<b>How useful are the following skills and abilities in doing your main job?</b>	<b>11.0701</b>				<b># Resp.</b>
	<b>Very Useful</b>	<b>Somewhat Useful</b>	<b>Not Very Useful</b>	<b>Not at all Useful</b>	
Written Communication	76%	20%	4%	0%	50
Oral Communication	84%	14%	2%	0%	50
Reading and Comprehension	82%	16%	2%	0%	50
Group Collaboration	90%	8%	2%	0%	50
Critical Analysis	88%	10%	2%	0%	50
Problem Resolution	84%	14%	2%	0%	50
Use of Mathematics Appropriate to Field	30%	46%	20%	4%	50
Use of Computers Appropriate to Field	90%	10%	0%	0%	50
Learning On Your Own	76%	24%	0%	0%	50



<b>How useful are the following skills and abilities in doing your main job?</b>	<b>UVIC</b>				<b># Resp.</b>
	<b>Very Useful</b>	<b>Somewhat Useful</b>	<b>Not Very Useful</b>	<b>Not at all Useful</b>	
Written Communication	78%	17%	4%	1%	1,361
Oral Communication	86%	11%	2%	1%	1,362
Reading and Comprehension	79%	18%	3%	0%	1,361
Group Collaboration	84%	14%	2%	1%	1,361
Critical Analysis	82%	16%	2%	0%	1,361
Problem Resolution	81%	16%	2%	1%	1,361
Use of Mathematics Appropriate to Field	29%	37%	16%	18%	1,351
Use of Computers Appropriate to Field	62%	28%	5%	4%	1,359
Learning On Your Own	76%	22%	1%	1%	1,360

<b>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		
2173	A	Software Engineers	32.0%	\$63,000		
2174	A	Computer Programmers/Interactive Media Developers	26.0%	\$53,000		
2171	A	Information Systems Analysts and Consultants	8.0%	\$87,500		
0213	N/A	Info Systems & Data Processing Mgrs	8.0%	\$80,000		
2175	A	Web Designers and Developers	6.0%	\$40,000		
4122	A	Post-Sec Teaching & Research Asstnts	4.0%	\$32,900		
*						
*						
*						
*						

\*data not displayed where n < 2      \*\*percentages cited are of those for whom occupational data was provided, full-time and part-time

<b>Top 10 Full-time Occupations of Graduates from University of Victoria:</b>					<b>UVIC</b>	
NOC	NOC	Skill Level Description	% Employed FT in this Occ.**	Median FT Salary		
4141	A	Secondary School Teachers	6.2%	\$44,100		
3152	A	Registered Nurses	5.2%	\$60,000		
4142	A	Elem & Kindergarten Teacher	5.1%	\$44,000		
4112	A	Lawyers & Quebec Notaries	3.9%	\$75,000		
4152	A	Social Workers	2.9%	\$54,500		
2133	A	Electrical & Electronics Engineers	1.8%	\$65,000		
2173	A	Software Engineers	1.7%	\$63,000		
4165	A	Health Policy Researchers	1.6%	\$55,000		
1111	A	Financial Auditors & Acnts	1.5%	\$45,000		
2174	A	Computer Programmers/Interactive Media Developers	1.4%	\$60,000		

\*data not displayed where n < 2      \*\*percentages cited are of those for whom occupational data was provided, full-time and part-time

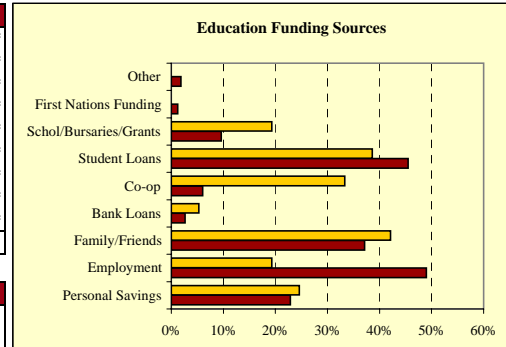
**Detailed Summary of Survey Results**  
**University of Victoria**  
**6 Digit CIP: 11.0701: Computer Science**

■ UVIC  
■ 11.0701

**EDUCATION FINANCING**

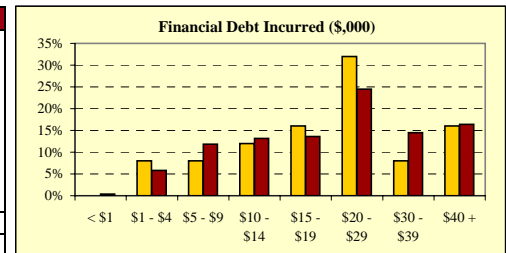
29. Education Funding Sources (2 sources per respondent):	11.0701		UVIC	
Personal Savings	14	25%*	362	23%*
Employment	11	19%*	776	49%*
Family/Friends	24	42%*	588	37%*
Bank Loans	3	5%*	42	3%*
Student Loans	22	39%*	721	46%*
Scholarships/Bursaries/Grants	11	19%*	152	10%*
Co-op	19	33%*	95	6%*
First Nations Funding	-	0%*	19	1%*
Other	-	0%*	29	2%*
<b>Total Respondents</b>	<b>57</b>		<b>1,584</b>	

\* Percentage of respondents who identified this source



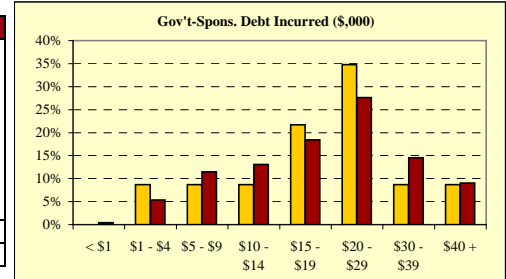
30. Financial Debt Incurred to Finance Univ. Education:	11.0701		UVIC	
Incurred any form of financial debt	25	44%*	830	52%
Incurred government-sponsored student loan debt	23	40%*	742	47%

\* Percentage of respondents who provided data



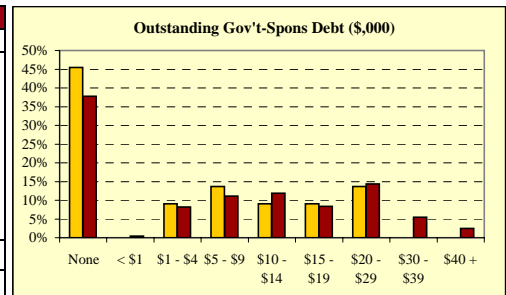
31. Financial Debt Amount:*	11.0701		UVIC	
< \$1,000	-	0%	3	0%
\$1,000 to \$4,999	2	8%	48	6%
\$5,000 to \$9,999	2	8%	98	12%
\$10,000 to \$14,999	3	12%	109	13%
\$15,000 to \$19,999	4	16%	113	14%
\$20,000 to \$29,999	8	32%	203	24%
\$30,000 to \$39,999	2	8%	120	14%
\$40,000 or More	4	16%	136	16%
<b>Total</b>	<b>25</b>	<b>100%</b>	<b>830</b>	<b>100%</b>
<b>Median Financial Debt</b>	<b>\$20,000</b>		<b>\$20,000</b>	

\*includes only cases where financial debt was incurred



32. Government-Sponsored Student Loan Debt Amount:*	11.0701		UVIC	
< \$1,000	-	0%	3	0%
\$1,000 to \$4,999	2	9%	40	5%
\$5,000 to \$9,999	2	9%	85	11%
\$10,000 to \$14,999	2	9%	97	13%
\$15,000 to \$19,999	5	22%	137	18%
\$20,000 to \$29,999	8	35%	205	28%
\$30,000 to \$39,999	2	9%	108	15%
\$40,000 or More	2	9%	67	9%
<b>Total</b>	<b>23</b>	<b>100%</b>	<b>742</b>	<b>100%</b>
<b>Median Gov't-Sponsored Student Loan Debt</b>	<b>\$20,000</b>		<b>\$20,000</b>	

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



33. Outstanding Gov't-Sponsored Loan Debt Amount:*	11.0701		UVIC	
None - Loan repaid in full	10	45%	271	38%
< \$1,000	-	0%	3	0%
\$1,000 to \$4,999	2	9%	59	8%
\$5,000 to \$9,999	3	14%	80	11%
\$10,000 to \$14,999	2	9%	85	12%
\$15,000 to \$19,999	2	9%	60	8%
\$20,000 to \$29,999	3	14%	103	14%
\$30,000 to \$39,999	-	0%	39	5%
\$40,000 or More	-	0%	18	3%
<b>Total</b>	<b>22</b>	<b>100%</b>	<b>718</b>	<b>100%</b>
<b>Median Gov't-Sponsored Loan Debt Outstanding</b>	<b>\$2,250</b>		<b>\$6,000</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		UVIC	
	To a great extent	8	14%	412	26%
	To some extent	27	48%	802	51%
	To a small extent	19	34%	274	17%
	To no extent at all	2	4%	90	6%
	Total	56	100%	1,578	100%

35.	To what extent did your university experience lead you to appreciate your rights, responsibilities and privileges as a citizen?	11.0701		UVIC	
	To a great extent	9	16%	455	29%
	To some extent	27	48%	732	46%
	To a small extent	11	20%	283	18%
	To no extent at all	9	16%	107	7%
	Total	56	100%	1,577	100%

36.	In the past 12 months, as an unpaid volunteer, have you...	11.0701		UVIC	
	worked for any type of organization?	29	51%	927	59%
	done any canvassing, campaigning or fundraising?	8	28%	426	46%
	done any coaching, mentoring or tutoring?	14	48%	522	56%
	engaged in any activities aimed at bringing about social or environmental change?	9	31%	509	55%
	helped organize or supervise activities or events for an organization?	16	55%	639	69%
	done any consulting, executive, office or administrative work?	13	45%	350	38%
	collected, served or delivered food or other goods?	4	14%	225	24%
	been involved in the identification and description of practical community problems?	1	3%	278	30%
	Average hours volunteered over last 12 months *	72		127	

\*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		UVIC	
	To a great extent	2	7%	136	15%
	To some extent	7	24%	303	33%
	To a small extent	9	31%	234	25%
	To no extent at all	11	38%	253	27%
	Total	29	100%	926	100%

\*includes only cases where volunteer activity was reported

38.	Are you a member or participant in...	11.0701		UVIC	
	a work-related organization such as a union or professional association?	18	32%	911	58%
	a political organization?	2	4%	99	6%
	a cultural, education or hobby organization?	14	25%	543	34%
	a sports or recreation organization?	19	33%	721	46%
	a religious-affiliated group?	13	23%	216	14%
	a school group, a neighbourhood, civic or community association?	4	7%	370	23%
	Avg. charitable contributions over last 12 months *	\$1,026		\$702	

\*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		UVIC	
	To a great extent	2	5%	54	4%
	To some extent	5	13%	292	23%
	To a small extent	10	26%	332	27%
	To no extent at all	21	55%	572	46%
	Total	38	100%	1,250	100%

