

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

Detailed Summary of Survey Results

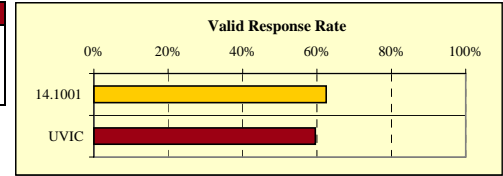
University of Victoria

6 Digit CIP: 14.1001: Electrical, Electronics & Communications Engineering

■ UVIC  
■ 14.1001

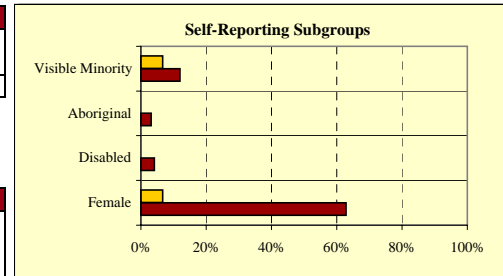
## RESPONSE RATE

1. Survey Response Rate:	14.1001	UVIC	
2000 Baccalaureate Graduates Survey Cohort	52	2,974	
Net Frame	48	2,661	
Survey Respondents and Valid Response Rate	30	63%	1,584 60%



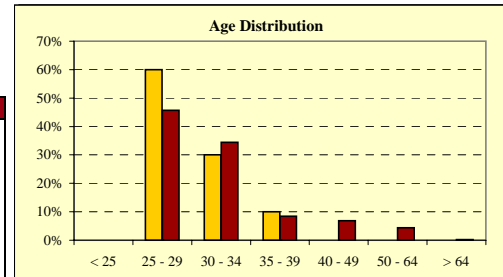
## DEMOGRAPHIC INFORMATION

2. Gender:	14.1001	UVIC	
Male	28	93%	588 37%
Female	2	7%	996 63%
Total	30	100%	1,584 100%

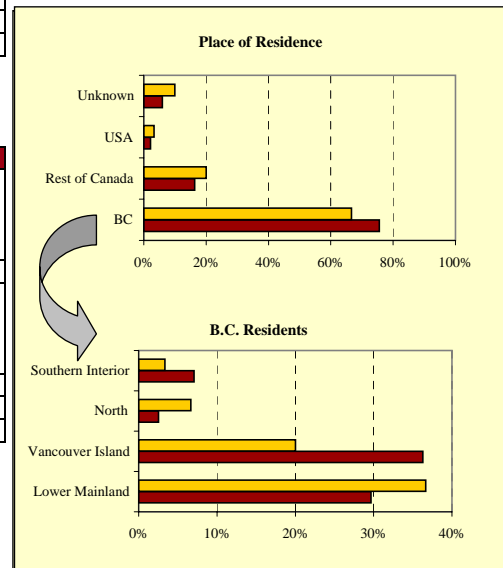


3. Self-Reporting Subgroups:	14.1001	UVIC	
Disabled	-	0%	65 4%
Aboriginal	-	0%	49 3%
Visible Minority	2	7%	189 12%

4. Age (at time of survey):	14.1001	UVIC	
< 25	-	0%	- 0%
25 to 29	18	60%	723 46%
30 to 34	9	30%	545 34%
35 to 39	3	10%	134 8%
40 to 49	-	0%	109 7%
50 to 64	-	0%	70 4%
> 64	-	0%	3 0%
Unknown	-	0%	- 0%
Total	30	100%	1,584 100%
Mean Age:	30.3	32.3	

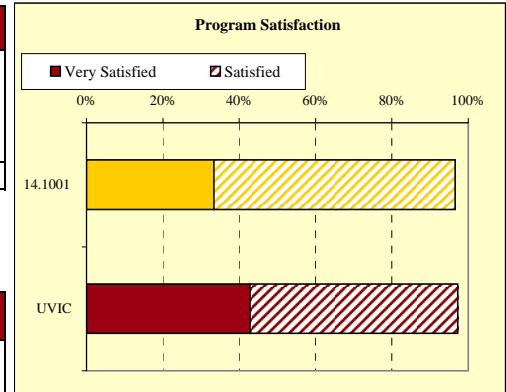


5. Place of Residence (at time of survey):	14.1001	UVIC	
BC - Lower Mainland	11	37%	470 30%
BC - Vancouver Island	6	20%	575 36%
BC - North	2	7%	40 3%
BC - Southern Interior	1	3%	112 7%
BC Subtotal	20	67%	1,197 76%
Canada - Alberta	4	13%	115 7%
Canada - Ontario	2	7%	90 6%
Canada - Other	-	0%	54 3%
U.S.A.	1	3%	34 2%
Non-BC Subtotal	7	23%	293 18%
Unknown	3	10%	94 6%
Total	30	100%	1,584 100%

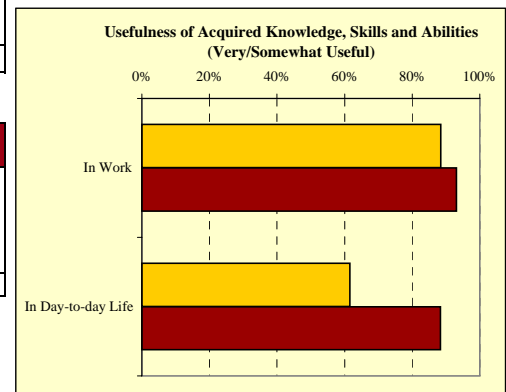


EDUCATION EVALUATION

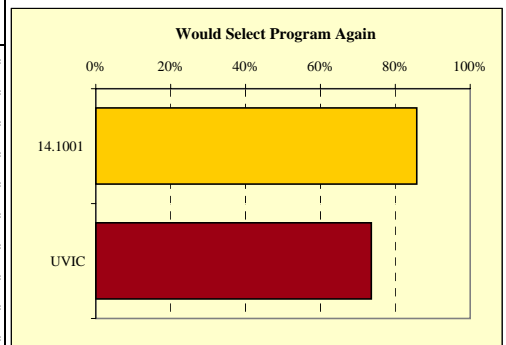
8. Program Satisfaction:	14.1001		UVIC	
Very Satisfied	10	33%	678	43%
Satisfied	19	63%	862	54%
Dissatisfied	1	3%	34	2%
Very Dissatisfied	-	0%	8	1%
Total	30	100%	1,582	100%



6. Usefulness of Knowledge, Skills, and Abilities Acquired at University in Work:	14.1001		UVIC	
Very Useful	11	42%	713	52%
Somewhat Useful	12	46%	553	41%
Not Very Useful	2	8%	73	5%
Not at All Useful	1	4%	21	2%
Total	26	100%	1,360	100%



7. Usefulness of Knowledge, Skills, and Abilities Acquired at University in Day-to-day Life:	14.1001		UVIC	
Very Useful	7	27%	505	37%
Somewhat Useful	9	35%	695	51%
Not Very Useful	7	27%	130	10%
Not at All Useful	3	12%	28	2%
Total	26	100%	1,358	100%



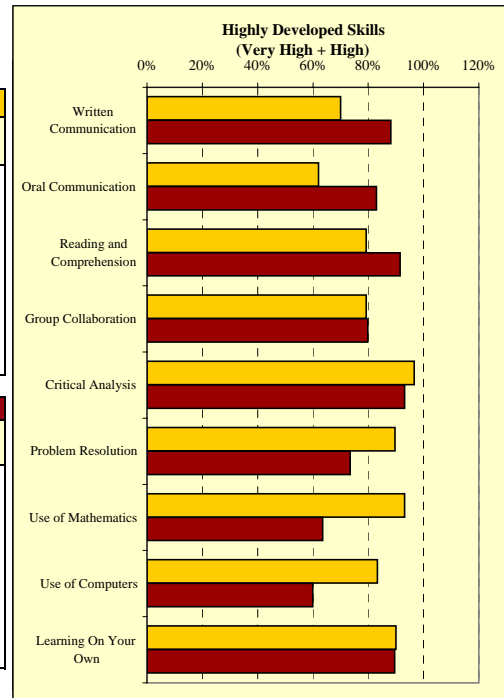
9. Would you select the same program again?	14.1001		UVIC	
Yes	24	86%	1,111	74%
No, because . . . (multiple response question)	4		399	
. . . interests have changed	3	75%*	138	27%*
. . . courses were not practical	-	0%*	76	15%*
. . . little or no career opportunities	-	0%*	169	33%*
. . . not enough course variety	-	0%*	5	1%*
. . . skills acquired were not very useful	-	0%*	25	5%*
. . . courses were poorly taught	1	25%*	13	3%*
. . . program was too general	-	0%*	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**

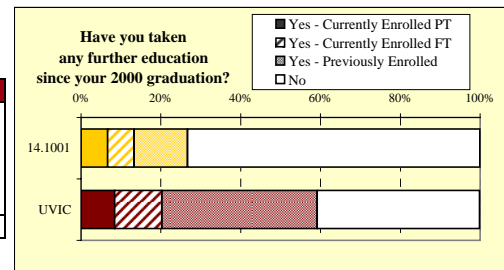
14a. To what degree did university help you develop the following skills?	14.1001				
	Very High	High	Low	Very Low	# Resp.
Written Communication	0%	70%	27%	3%	30
Oral Communication	3%	59%	34%	3%	29
Reading and Comprehension	17%	62%	17%	3%	29
Group Collaboration	28%	52%	21%	0%	29
Critical Analysis	43%	53%	3%	0%	30
Problem Resolution	24%	66%	10%	0%	29
Use of Mathematics Appropriate to Field	45%	48%	7%	0%	29
Use of Computers Appropriate to Field	33%	50%	13%	3%	30
Learning On Your Own	50%	40%	10%	0%	30

14b. To what degree did university help you develop the following skills?	UVIC				
	Very High	High	Low	Very Low	# Resp.
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

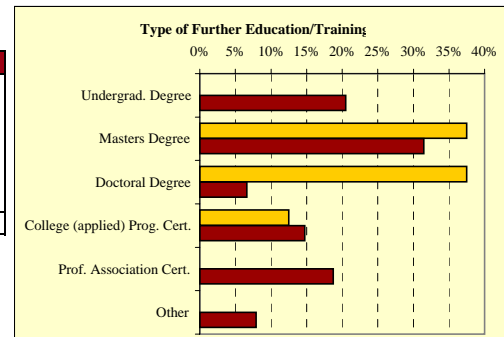


**FURTHER EDUCATION**

15. Took further formal education since 2000 graduation	14.1001	UVIC
Yes:	8 (27%)	938 (59%)
Not currently enrolled	4 (13%)	616 (39%)
Currently enrolled full-time	2 (7%)	187 (12%)
Currently enrolled part-time	2 (7%)	134 (8%)
No	22 (73%)	646 (41%)
Total	30 (100%)	1,584 (100%)



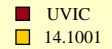
16. Type of Formal Post-Secondary Education	14.1001	UVIC
Undergraduate Degree	- (0%)	189 (20%)
Masters Degree	3 (38%)	290 (31%)
Doctoral Degree	3 (38%)	61 (7%)
College (applied) Program Certification	1 (13%)	136 (15%)
Professional Association Certification	- (0%)	173 (19%)
Other	- (0%)	73 (8%)
Total Respondents	21 (264%)	922 (100%)



Detailed Summary of Survey Results

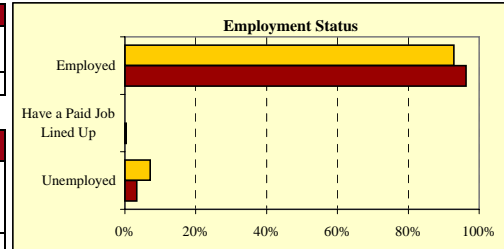
University of Victoria

6 Digit CIP: 14.1001: Electrical, Electronics & Communications Engineering



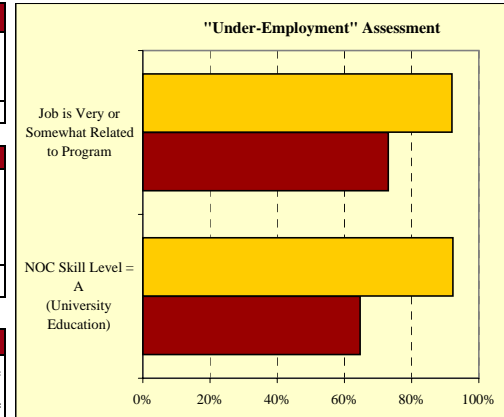
EMPLOYMENT

17. Labour Force Status:	14.1001	UVIC
In Labour Force (working or seeking work)	28 93%	1,414 89%
Not in Labour Force	2 7%	168 11%
Grand Total	30 100%	1,582 100%



18. Employment Status of those IN Labour Force:	14.1001	UVIC
Employed	26 93%	1,362 96%
Have a Paid Job Lined Up	- 0%	5 0%
Unemployed	2 7%	47 3%
Total Labour Force	28 100%	1,414 100%

19. Status of Graduates NOT in Labour Force:	14.1001	UVIC
Attending School FT	2 100%	82 49%
Attending School PT	- 0%	7 4%
Other	- 0%	79 47%
Total NOT in Labour Force	2 100%	168 100%

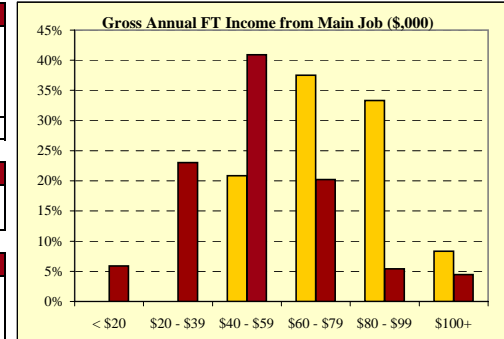


20. Employment Type:	14.1001	UVIC
Paid worker	25 96%	1,170 86%
Self-employed	1 4%	111 8%
Both a paid worker and self-employed	- 0%	80 6%
Total Employed	26 100%	1,362 100%

21. Job Characteristics:	14.1001	UVIC
I hold more than one job	- 0%*	180 13%**
My main job is full-time (>= 30 hours per week)	26 100%**	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?	14.1001	UVIC
Very Related	13 52%	554 41%
Somewhat Related	10 40%	439 32%
Not Very Related	2 8%	164 12%
Not At All Related	- 0%	202 15%
Total	25 100%	1,359 100%



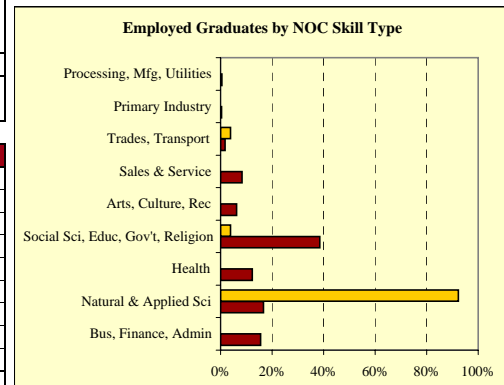
23. "Under-employment" Assessment:	14.1001	UVIC
Job is very or somewhat related to program	23 92%	993 73%
NOC Skill Level = A (University Education)	24 92%	877 65%

\* of total valid responses

24. Gross Annual Income from Main Job:*	14.1001	UVIC
Less than \$20,000	- 0%	74 6%
\$20,000 to \$39,999	- 0%	288 23%
\$40,000 to \$59,999	5 21%	512 41%
\$60,000 to \$79,999	9 38%	253 20%
\$80,000 to \$99,999	8 33%	68 5%
\$100,000 and Above	2 8%	56 4%
Total	24 100%	1,251 100%
Median Annual Income (full-time)	\$69,750	\$50,000
Average Annual Income (full-time)	\$73,899	\$55,364

\* where data provided

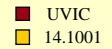
25. NOC Skill Type of Main Job:	14.1001	UVIC
Business, Finance and Administration	- 0%	208 15%
Natural and Applied Sciences and Related	24 92%	223 17%
Health	- 0%	165 12%
Social Sciences, Educ., Gov't Services, Religion	1 4%	518 39%
Arts, Culture, Recreation and Sport	- 0%	83 6%
Sales and Service	- 0%	111 8%
Trades, Transport and Eqp. Operators and Related	1 4%	24 2%
Unique to the Primary Industry	- 0%	5 0%
Unique to Processing, Manufacturing and Utilities	- 0%	6 0%
Total	26 100%	1,343 100%



Detailed Summary of Survey Results

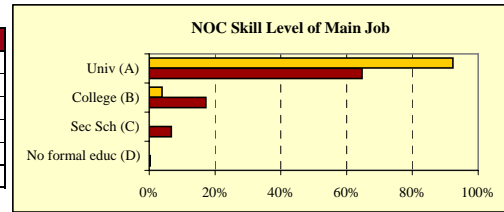
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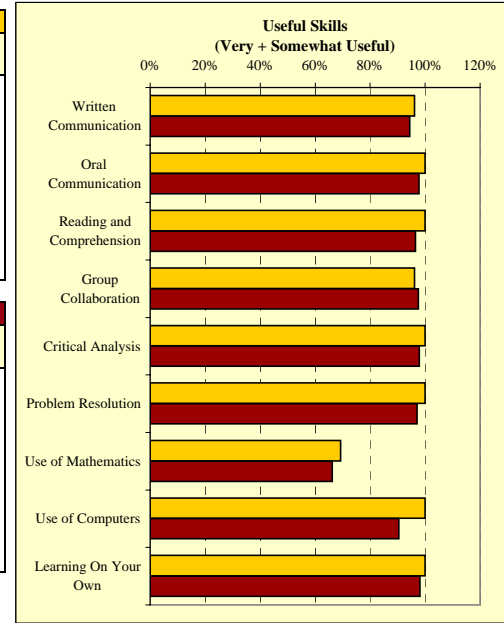


EMPLOYMENT, continued

NOC Skill Level of Main Job:		14.1001		UVIC	
A. University education		24	92%	877	65%
B. College education/trade apprenticeship		1	4%	233	17%
C. Secondary school + job-specific training		-	0%	91	7%
D. No formal education		-	0%	4	0%
No skill level assigned (management)		1	4%	151	11%
Total		26	100%	1,356	100%



How useful are the following skills and abilities in doing your main job?	14.1001				
	Very Useful	Somewhat Useful	Not Very Useful	Not at all Useful	# Resp.
Written Communication	77%	19%	4%	0%	26
Oral Communication	88%	12%	0%	0%	26
Reading and Comprehension	92%	8%	0%	0%	26
Group Collaboration	81%	15%	4%	0%	26
Critical Analysis	92%	8%	0%	0%	26
Problem Resolution	96%	4%	0%	0%	26
Use of Mathematics Appropriate to Field	35%	35%	23%	8%	26
Use of Computers Appropriate to Field	88%	12%	0%	0%	26
Learning On Your Own	77%	23%	0%	0%	26



How useful are the following skills and abilities in doing your main job?	UVIC				
	Very Useful	Somewhat Useful	Not Very Useful	Not at all Useful	# Resp.
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

Top 10 Full-time Occupations of 14.1001 Graduates:					14.1001	
NOC	NOC	Skill Level	Description		% Employed FT in this Occ.**	Median FT Salary
2133	A		Electrical & Electronics Engineers		76.9%	\$66,000
2173	A		Software Engineers		11.5%	\$80,000
*						
*						
*						
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\*data not displayed where n < 2

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

Top 10 Full-time Occupations of Graduates from University of Victoria:					UVIC	
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

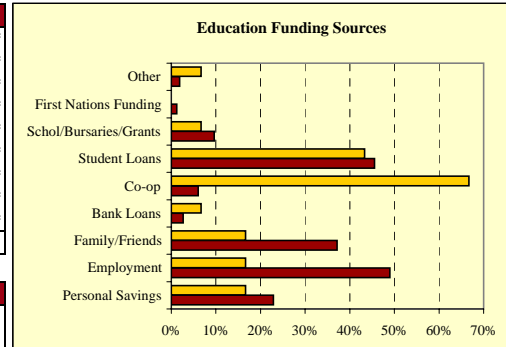
6 Digit CIP: 14.1001: Electrical, Electronics & Communications Engineering

■ UVIC  
■ 14.1001

EDUCATION FINANCING

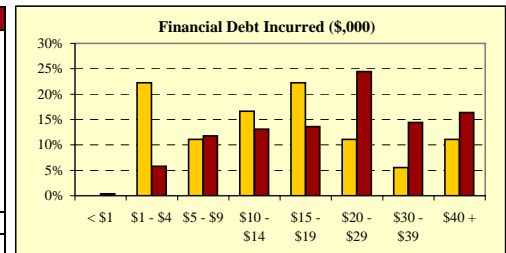
29. Education Funding Sources (2 sources per respondent):	14.1001		UVIC	
Personal Savings	5	17%*	362	23%*
Employment	5	17%*	776	49%*
Family/Friends	5	17%*	588	37%*
Bank Loans	2	7%*	42	3%*
Student Loans	13	43%*	721	46%*
Scholarships/Bursaries/Grants	2	7%*	152	10%*
Co-op	20	67%*	95	6%*
First Nations Funding	-	0%*	19	1%*
Other	2	7%*	29	2%*
<b>Total Respondents</b>	<b>30</b>		<b>1,584</b>	

\* Percentage of respondents who identified this source



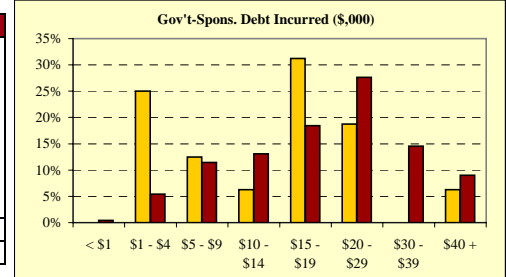
30. Financial Debt Incurred to Finance Univ. Education:	14.1001		UVIC	
Incurred any form of financial debt	18	60%*	830	52%
Incurred government-sponsored student loan debt	16	53%*	742	47%

\* Percentage of respondents who provided data



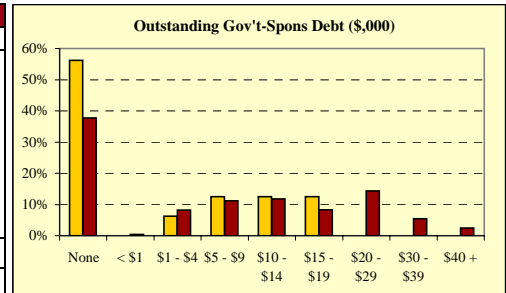
31. Financial Debt Amount:*	14.1001		UVIC	
< \$1,000	-	0%	3	0%
\$1,000 to \$4,999	4	22%	48	6%
\$5,000 to \$9,999	2	11%	98	12%
\$10,000 to \$14,999	3	17%	109	13%
\$15,000 to \$19,999	4	22%	113	14%
\$20,000 to \$29,999	2	11%	203	24%
\$30,000 to \$39,999	1	6%	120	14%
\$40,000 or More	2	11%	136	16%
<b>Total</b>	<b>18</b>	<b>100%</b>	<b>830</b>	<b>100%</b>
<b>Median Financial Debt</b>	<b>\$12,500</b>		<b>\$20,000</b>	

\*includes only cases where financial debt was incurred



32. Government-Sponsored Student Loan Debt Amount:*	14.1001		UVIC	
< \$1,000	-	0%	3	0%
\$1,000 to \$4,999	4	25%	40	5%
\$5,000 to \$9,999	2	13%	85	11%
\$10,000 to \$14,999	1	6%	97	13%
\$15,000 to \$19,999	5	31%	137	18%
\$20,000 to \$29,999	3	19%	205	28%
\$30,000 to \$39,999	-	0%	108	15%
\$40,000 or More	1	6%	67	9%
<b>Total</b>	<b>16</b>	<b>100%</b>	<b>742</b>	<b>100%</b>
<b>Median Gov't-Sponsored Student Loan Debt</b>	<b>\$15,000</b>		<b>\$20,000</b>	

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



33. Outstanding Gov't-Sponsored Loan Debt Amount:*	14.1001		UVIC	
None - Loan repaid in full	9	56%	271	38%
< \$1,000	-	0%	3	0%
\$1,000 to \$4,999	1	6%	59	8%
\$5,000 to \$9,999	2	13%	80	11%
\$10,000 to \$14,999	2	13%	85	12%
\$15,000 to \$19,999	2	13%	60	8%
\$20,000 to \$29,999	-	0%	103	14%
\$30,000 to \$39,999	-	0%	39	5%
\$40,000 or More	-	0%	18	3%
<b>Total</b>	<b>16</b>	<b>100%</b>	<b>718</b>	<b>100%</b>
<b>Median Gov't-Sponsored Loan Debt Outstanding</b>	<b>\$0</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?	14.1001	UVIC
	To a great extent	3 10%	412 26%
	To some extent	14 47%	802 51%
	To a small extent	10 33%	274 17%
	To no extent at all	3 10%	90 6%
	Total	30 100%	1,578 100%

35.	To what extent did your university experience lead you to appreciate your rights, responsibilities and privileges as a citizen?	14.1001	UVIC
	To a great extent	3 10%	455 29%
	To some extent	11 37%	732 46%
	To a small extent	11 37%	283 18%
	To no extent at all	5 17%	107 7%
	Total	30 100%	1,577 100%

36.	In the past 12 months, as an unpaid volunteer, have you...	14.1001	UVIC
	worked for any type of organization?	12 40%	927 59%
	done any canvassing, campaigning or fundraising?	7 58%	426 46%
	done any coaching, mentoring or tutoring?	7 58%	522 56%
	engaged in any activities aimed at bringing about social or environmental change?	7 58%	509 55%
	helped organize or supervise activities or events for an organization?	10 83%	639 69%
	done any consulting, executive, office or administrative work?	5 42%	350 38%
	collected, served or delivered food or other goods?	1 8%	225 24%
	been involved in the identification and description of practical community problems?	2 17%	278 30%
	Average hours volunteered over last 12 months *	111	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? *	14.1001	UVIC
	To a great extent	1 8%	136 15%
	To some extent	4 33%	303 33%
	To a small extent	3 25%	234 25%
	To no extent at all	4 33%	253 27%
	Total	12 100%	926 100%

\*includes only cases where volunteer activity was reported

38.	Are you a member or participant in...	14.1001	UVIC
	a work-related organization such as a union or professional association?	10 33%	911 58%
	a political organization?	1 3%	99 6%
	a cultural, education or hobby organization?	8 27%	543 34%
	a sports or recreation organization?	16 53%	721 46%
	a religious-affiliated group?	4 13%	216 14%
	a school group, a neighbourhood, civic or community association?	2 7%	370 23%
	Avg. charitable contributions over last 12 months *	\$970	\$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?	14.1001	UVIC
	To a great extent	3 12%	54 4%
	To some extent	3 12%	292 23%
	To a small extent	5 19%	332 27%
	To no extent at all	15 58%	572 46%
	Total	26 100%	1,250 100%

