

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

Detailed Summary of Survey Results

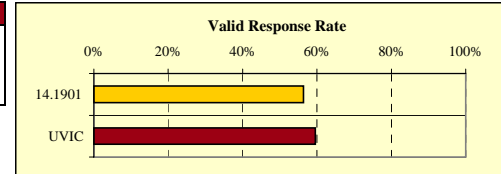
University of Victoria

6 Digit CIP: 14.1901: Mechanical Engineering

■ UVIC
■ 14.1901

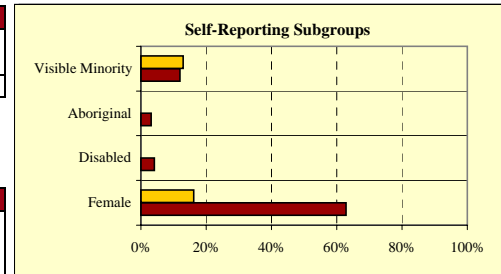
RESPONSE RATE

1. Survey Response Rate:	14.1901	UVIC		
2000 Baccalaureate Graduates Survey Cohort	59		2,974	
Net Frame	55		2,661	
Survey Respondents and Valid Response Rate	31	56%	1,584	60%



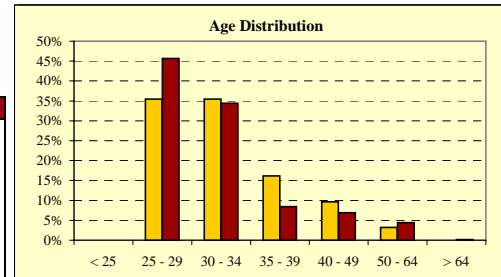
DEMOGRAPHIC INFORMATION

2. Gender:	14.1901	UVIC		
Male	26	84%	588	37%
Female	5	16%	996	63%
Total	31	100%	1,584	100%

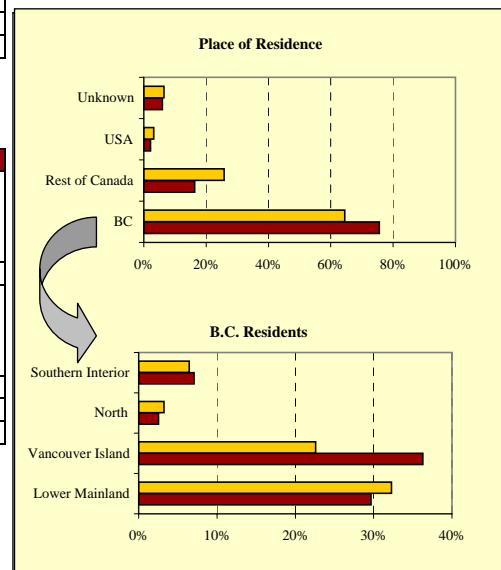


3. Self-Reporting Subgroups:	14.1901	UVIC		
Disabled	-	0%	65	4%
Aboriginal	-	0%	49	3%
Visible Minority	4	13%	189	12%

4. Age (at time of survey):	14.1901	UVIC		
< 25	-	0%	-	0%
25 to 29	11	35%	723	46%
30 to 34	11	35%	545	34%
35 to 39	5	16%	134	8%
40 to 49	3	10%	109	7%
50 to 64	1	3%	70	4%
> 64	-	0%	3	0%
Unknown	-	0%	-	0%
Total	31	100%	1,584	100%
Mean Age:	32.8		32.3	

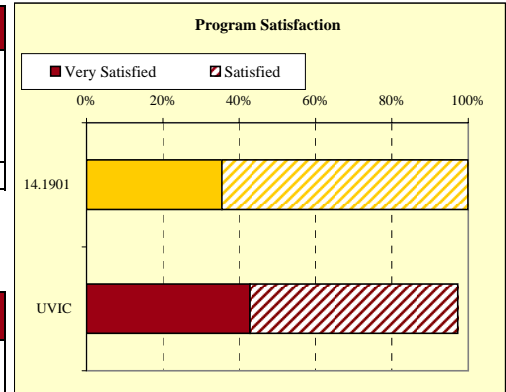


5. Place of Residence (at time of survey):	14.1901	UVIC		
BC - Lower Mainland	10	32%	470	30%
BC - Vancouver Island	7	23%	575	36%
BC - North	1	3%	40	3%
BC - Southern Interior	2	6%	112	7%
BC Subtotal	20	65%	1,197	76%
Canada - Alberta	6	19%	115	7%
Canada - Ontario	2	6%	90	6%
Canada - Other	-	0%	54	3%
U.S.A.	1	3%	34	2%
Non-BC Subtotal	9	29%	293	18%
Unknown	2	6%	94	6%
Total	31	100%	1,584	100%

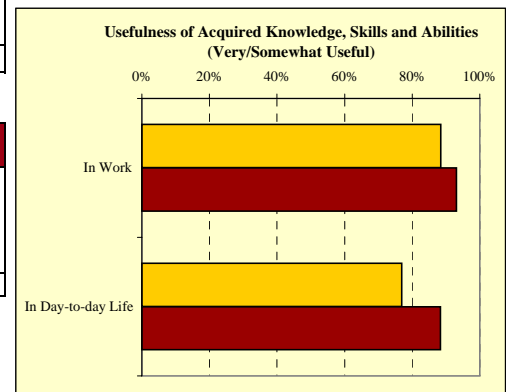


EDUCATION EVALUATION

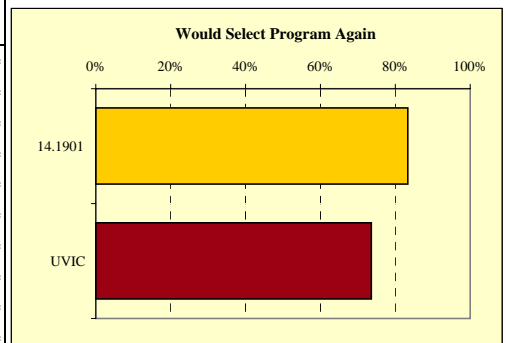
8. Program Satisfaction:	14.1901		UVIC	
Very Satisfied	11	35%	678	43%
Satisfied	20	65%	862	54%
Dissatisfied	-	0%	34	2%
Very Dissatisfied	-	0%	8	1%
Total	31	100%	1,582	100%



6. Usefulness of Knowledge, Skills, and Abilities Acquired at University in Work:	14.1901		UVIC	
Very Useful	13	50%	713	52%
Somewhat Useful	10	38%	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:	14.1901		UVIC	
Very Useful	4	15%	505	37%
Somewhat Useful	16	62%	695	51%
Not Very Useful	4	15%	130	10%
Not at All Useful	2	8%	28	2%
Total	26	100%	1,358	100%



9. Would you select the same program again?	14.1901		UVIC	
Yes	25	83%	1,111	74%
No, because . . . (multiple response question)	5		399	
. . . interests have changed	3	50%*	138	27%*
. . . courses were not practical	1	17%*	76	15%*
. . . little or no career opportunities	2	33%*	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	-	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

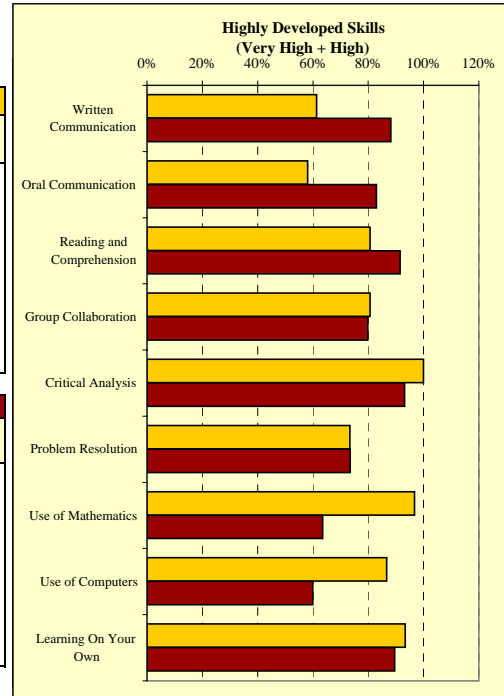
SKILL DEVELOPMENT

14a.

To what degree did university help you develop the following skills?	14.1901				# Resp.
	Very High	High	Low	Very Low	
Written Communication	13%	48%	35%	3%	31
Oral Communication	10%	48%	39%	3%	31
Reading and Comprehension	16%	65%	19%	0%	31
Group Collaboration	16%	65%	19%	0%	31
Critical Analysis	45%	55%	0%	0%	31
Problem Resolution	27%	47%	23%	3%	30
Use of Mathematics Appropriate to Field	42%	55%	3%	0%	31
Use of Computers Appropriate to Field	47%	40%	13%	0%	30
Learning On Your Own	23%	70%	7%	0%	30

14b.

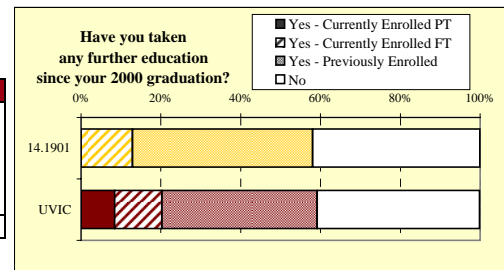
To what degree did university help you develop the following skills?	UVIC				# Resp.
	Very High	High	Low	Very Low	
Written Communication	30%	58%	11%	1%	1,549
Oral Communication	22%	61%	16%	1%	1,547
Reading and Comprehension	32%	60%	8%	0%	1,528
Group Collaboration	25%	55%	19%	1%	1,497
Critical Analysis	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

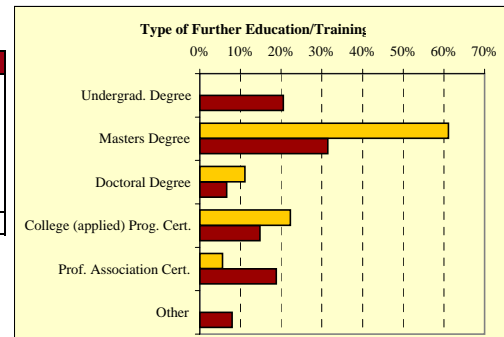
15.

Took further formal education since 2000 graduation	14.1901	UVIC
Yes:	18	938
Not currently enrolled	14	616
Currently enrolled full-time	4	187
Currently enrolled part-time	-	134
No	13	646
Total	31	1,584



16.

Type of Formal Post-Secondary Education	14.1901	UVIC
Undergraduate Degree	-	189
Masters Degree	11	290
Doctoral Degree	2	61
College (applied) Program Certification	4	136
Professional Association Certification	1	173
Other	-	73
Total Respondents	32	922

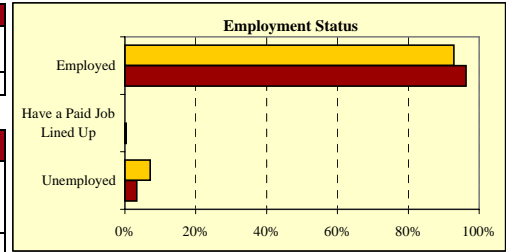


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University of Victoria
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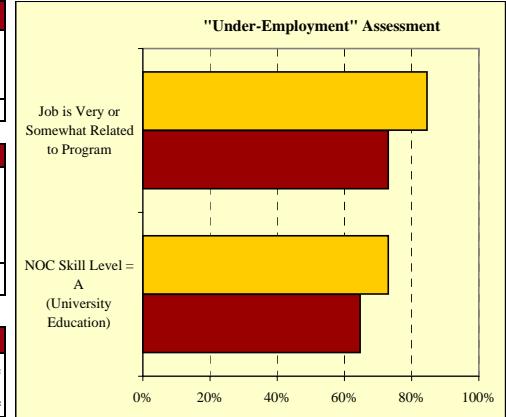
EMPLOYMENT

17. Labour Force Status:	14.1901	UVIC
In Labour Force (working or seeking work)	28 90%	1,414 89%
Not in Labour Force	3 10%	168 11%
Grand Total	31 100%	1,582 100%



18. Employment Status of those IN Labour Force:	14.1901	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:	14.1901	UVIC
Attending School FT	3 100%	82 49%
Attending School PT	- 0%	7 4%
Other	- 0%	79 47%
Total NOT in Labour Force	3 100%	168 100%

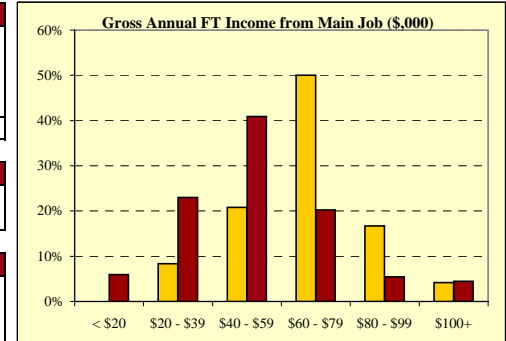


20. Employment Type:	14.1901	UVIC
Paid worker	24 92%	1,170 86%
Self-employed	- 0%	111 8%
Both a paid worker and self-employed	2 8%	80 6%
Total Employed	26 100%	1,362 100%

21. Job Characteristics:	14.1901	UVIC
I hold more than one job	2 8%*	180 13%*
My main job is full-time (>= 30 hours per week)	25 96%**	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?	14.1901	UVIC
Very Related	9 35%	554 41%
Somewhat Related	13 50%	439 32%
Not Very Related	2 8%	164 12%
Not At All Related	2 8%	202 15%
Total	26 100%	1,359 100%



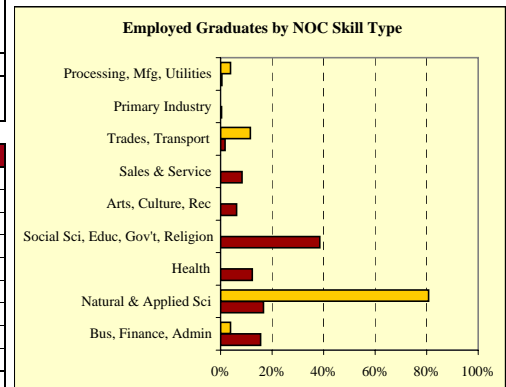
23. "Under-employment" Assessment:	14.1901	UVIC
Job is very or somewhat related to program	22 85%	993 73%
NOC Skill Level = A (University Education)	19 73%	877 65%

* of total valid responses

24. Gross Annual Income from Main Job:*	14.1901	UVIC
Less than \$20,000	- 0%	74 6%
\$20,000 to \$39,999	2 8%	288 23%
\$40,000 to \$59,999	5 21%	512 41%
\$60,000 to \$79,999	12 50%	253 20%
\$80,000 to \$99,999	4 17%	68 5%
\$100,000 and Above	1 4%	56 4%
Total	24 100%	1,251 100%
Median Annual Income (full-time)	\$65,000	\$50,000
Average Annual Income (full-time)	\$66,129	\$55,364

* where data provided

25. NOC Skill Type of Main Job:	14.1901	UVIC
Business, Finance and Administration	1 4%	208 15%
Natural and Applied Sciences and Related	21 81%	223 17%
Health	- 0%	165 12%
Social Sciences, Educ., Gov't Services, Religion	- 0%	518 39%
Arts, Culture, Recreation and Sport	- 0%	83 6%
Sales and Service	- 0%	111 8%
Trades, Transport and Equip. Operators and Related	3 12%	24 2%
Unique to the Primary Industry	- 0%	5 0%
Unique to Processing, Manufacturing and Utilities	1 4%	6 0%
Total	26 100%	1,343 100%

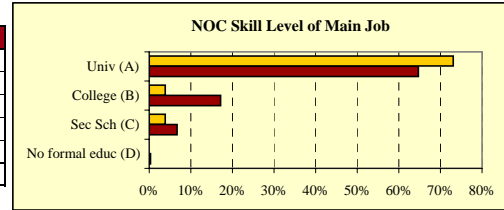


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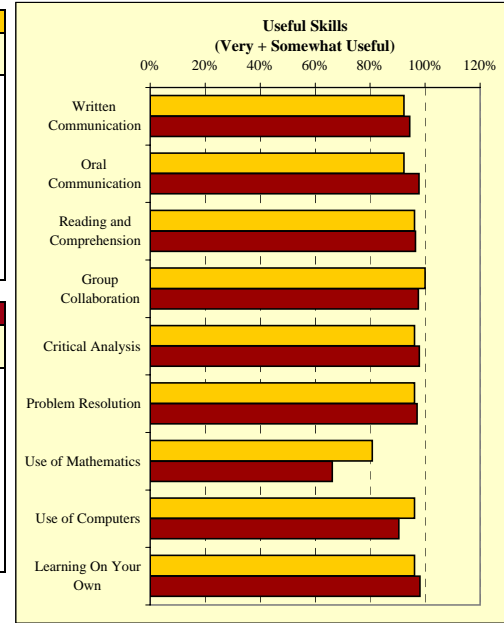
■ UVIC
■ 14.1901

EMPLOYMENT, continued

NOC Skill Level of Main Job:	14.1901	UVIC
A. University education	19	73%
B. College education/trade apprenticeship	1	4%
C. Secondary school + job-specific training	1	4%
D. No formal education	-	0%
No skill level assigned (management)	5	19%
Total	26	100%



How useful are the following skills and abilities in doing your main job?	14.1901				# Resp.
	Very Useful	Somewhat Useful	Not Very Useful	Not at all Useful	
Written Communication	81%	12%	8%	0%	26
Oral Communication	88%	4%	8%	0%	26
Reading and Comprehension	77%	19%	3%	0%	26
Group Collaboration	96%	4%	0%	0%	26
Critical Analysis	88%	8%	4%	0%	26
Problem Resolution	85%	12%	4%	0%	26
Use of Mathematics Appropriate to Field	27%	54%	15%	4%	26
Use of Computers Appropriate to Field	58%	38%	0%	4%	26
Learning On Your Own	73%	23%	0%	4%	26



How useful are the following skills and abilities in doing your main job?	UVIC				# Resp.
	Very Useful	Somewhat Useful	Not Very Useful	Not at all Useful	
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 14.1901 Graduates:					14.1901	
NOC	NOC	Skill Level	Description		% Employed FT in this Occ.**	Median FT Salary
2132	A		Mechanical Engineers		50.0%	\$60,500
2133	A		Electrical & Electronics Engineers		11.5%	\$65,000
0213	N/A		Info Systems & Data Processing Mgrs		7.7%	\$75,500
*						
*						
*						
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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

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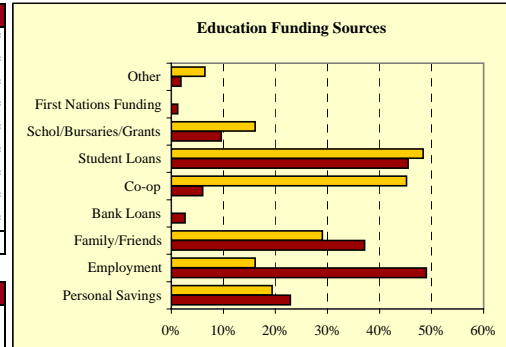
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EDUCATION FINANCING

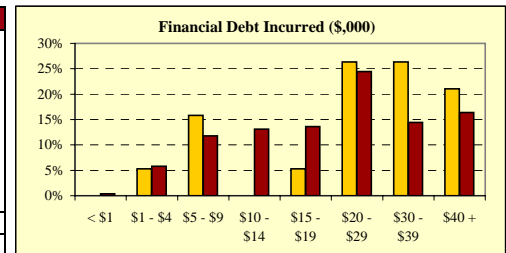
29. Education Funding Sources (2 sources per respondent):	14.1901		UVIC	
Personal Savings	6	19%*	362	23%*
Employment	5	16%*	776	49%*
Family/Friends	9	29%*	588	37%*
Bank Loans	-	0%*	42	3%*
Student Loans	15	48%*	721	46%*
Scholarships/Bursaries/Grants	5	16%*	152	10%*
Co-op	14	45%*	95	6%*
First Nations Funding	-	0%*	19	1%*
Other	2	6%*	29	2%*
Total Respondents	31		1,584	

* Percentage of respondents who identified this source



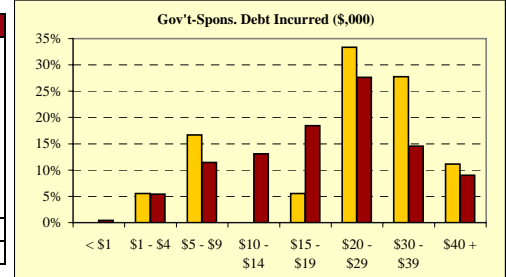
30. Financial Debt Incurred to Finance Univ. Education:	14.1901		UVIC	
Incurred any form of financial debt	19	61%*	830	52%
Incurred government-sponsored student loan debt	18	58%*	742	47%

* Percentage of respondents who provided data



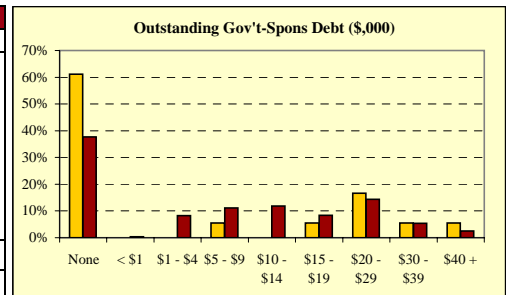
31. Financial Debt Amount:*	14.1901		UVIC	
< \$1,000	-	0%	3	0%
\$1,000 to \$4,999	1	5%	48	6%
\$5,000 to \$9,999	3	16%	98	12%
\$10,000 to \$14,999	-	0%	109	13%
\$15,000 to \$19,999	1	5%	113	14%
\$20,000 to \$29,999	5	26%	203	24%
\$30,000 to \$39,999	5	26%	120	14%
\$40,000 or More	4	21%	136	16%
Total	19	100%	830	100%
Median Financial Debt	\$22,000		\$20,000	

*includes only cases where financial debt was incurred



32. Government-Sponsored Student Loan Debt Amount:*	14.1901		UVIC	
< \$1,000	-	0%	3	0%
\$1,000 to \$4,999	1	6%	40	5%
\$5,000 to \$9,999	3	17%	85	11%
\$10,000 to \$14,999	-	0%	97	13%
\$15,000 to \$19,999	1	6%	137	18%
\$20,000 to \$29,999	6	33%	205	28%
\$30,000 to \$39,999	5	28%	108	15%
\$40,000 or More	2	11%	67	9%
Total	18	100%	742	100%
Median Gov't-Sponsored Student Loan Debt	\$22,000		\$20,000	

*includes only cases where government-sponsored debt was incurred



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

33. Outstanding Gov't-Sponsored Loan Debt Amount:*	14.1901		UVIC	
None - Loan repaid in full	11	61%	271	38%
< \$1,000	-	0%	3	0%
\$1,000 to \$4,999	-	0%	59	8%
\$5,000 to \$9,999	1	6%	80	11%
\$10,000 to \$14,999	-	0%	85	12%
\$15,000 to \$19,999	1	6%	60	8%
\$20,000 to \$29,999	3	17%	103	14%
\$30,000 to \$39,999	1	6%	39	5%
\$40,000 or More	1	6%	18	3%
Total	18	100%	718	100%
Median Gov't-Sponsored Loan Debt Outstanding	\$0		\$6,000	

SPECIAL SECTION ON CITIZENSHIP

34.	To what extent did your university experience lead you to develop and use effective leadership skills?	14.1901		UVIC	
	To a great extent	3	10%	412	26%
	To some extent	18	58%	802	51%
	To a small extent	6	19%	274	17%
	To no extent at all	4	13%	90	6%
	Total	31	100%	1,578	100%

35.	To what extent did your university experience lead you to appreciate your rights, responsibilities and privileges as a citizen?	14.1901		UVIC	
	To a great extent	5	16%	455	29%
	To some extent	16	52%	732	46%
	To a small extent	6	19%	283	18%
	To no extent at all	4	13%	107	7%
	Total	31	100%	1,577	100%

36.	In the past 12 months, as an unpaid volunteer, have you...	14.1901		UVIC	
	worked for any type of organization?	12	40%	927	59%
	done any canvassing, campaigning or fundraising?	4	33%	426	46%
	done any coaching, mentoring or tutoring?	7	58%	522	56%
	engaged in any activities aimed at bringing about social or environmental change?	6	50%	509	55%
	helped organize or supervise activities or events for an organization?	7	58%	639	69%
	done any consulting, executive, office or administrative work?	5	42%	350	38%
	collected, served or delivered food or other goods?	2	17%	225	24%
	been involved in the identification and description of practical community problems?	3	25%	278	30%
	Average hours volunteered over last 12 months *	95		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? *	14.1901		UVIC	
	To a great extent	2	17%	136	15%
	To some extent	4	33%	303	33%
	To a small extent	3	25%	234	25%
	To no extent at all	3	25%	253	27%
	Total	12	100%	926	100%

*includes only cases where volunteer activity was reported

38.	Are you a member or participant in...	14.1901		UVIC	
	a work-related organization such as a union or professional association?	20	65%	911	58%
	a political organization?	1	3%	99	6%
	a cultural, education or hobby organization?	6	19%	543	34%
	a sports or recreation organization?	15	48%	721	46%
	a religious-affiliated group?	3	10%	216	14%
	a school group, a neighbourhood, civic or community association?	3	10%	370	23%
	Avg. charitable contributions over last 12 months *	\$756		\$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?	14.1901		UVIC	
	To a great extent	-	0%	54	4%
	To some extent	2	9%	292	23%
	To a small extent	6	26%	332	27%
	To no extent at all	15	65%	572	46%
	Total	23	100%	1,250	100%

