

B.C. University Student Outcomes 2006 Survey of 2004 Baccalaureate Graduates

Detailed Summary of Survey Results

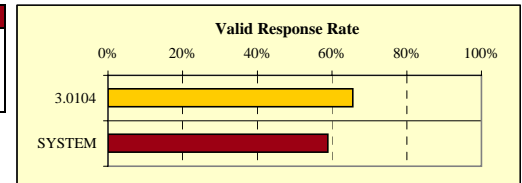
All Institutions

6 Digit CIP: 03.0104: Environmental Science.

SYSTEM
03.0104

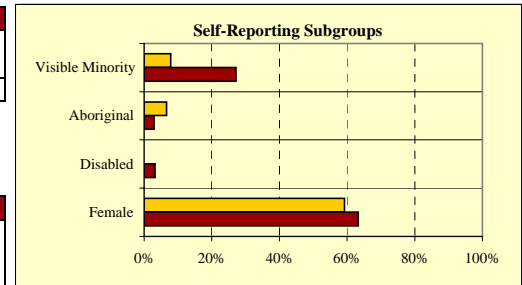
RESPONSE RATE

1. Survey Response Rate:	03.0104	SYSTEM
2004 Baccalaureate Graduates Survey Cohort	123	15,605
Net Frame	116	13,595
Survey Respondents and Valid Response Rate	76	8,009
	66%	59%

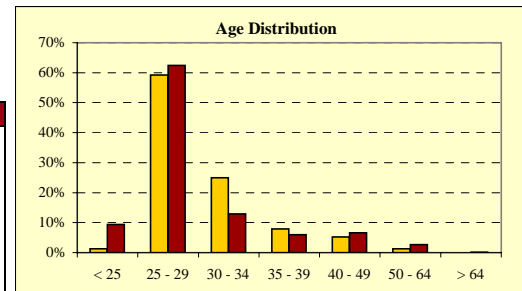


DEMOGRAPHIC INFORMATION

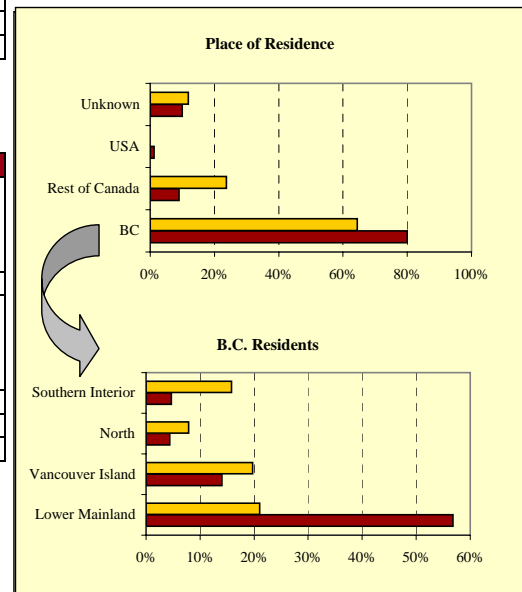
2. Gender:	03.0104	SYSTEM
Male	31	2,941
Female	45	5,067
Total	76	8,008
	100%	100%



3. Self-Reporting Subgroups:	03.0104	SYSTEM
Disabled	-	260
Aboriginal	5	232
Visible Minority	6	2,172
	0%	3%
	7%	3%
	8%	27%



4. Age (at time of survey):	03.0104	SYSTEM
< 25	1	748
25 to 29	45	4,997
30 to 34	19	1,036
35 to 39	6	478
40 to 49	4	528
50 to 64	1	213
> 64	-	9
Unknown	-	-
Total	76	8,009
Mean Age:	30.0	29.0



5. Place of Residence (at time of survey):	03.0104	SYSTEM
BC - Lower Mainland	16	4,549
BC - Vancouver Island	15	1,124
BC - North	6	353
BC - Southern Interior	12	376
BC Subtotal	49	6,402
Canada - Alberta	8	310
Canada - Ontario	4	240
Canada - Other	6	164
U.S.A.	-	94
Non-BC Subtotal	18	808
Unknown	9	799
Total	76	8,009
	100%	100%

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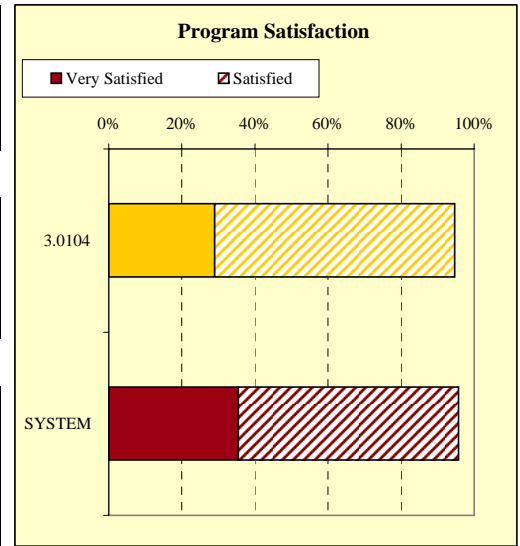
■ SYSTEM
■ 03.0104

EDUCATION EVALUATION AND SKILL DEVELOPMENT

6. Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	03.0104	SYSTEM
Very Useful	23 38%	2,934 44%
Somewhat Useful	33 54%	2,942 44%
Not Very Useful	3 5%	565 8%
Not at All Useful	2 3%	247 4%

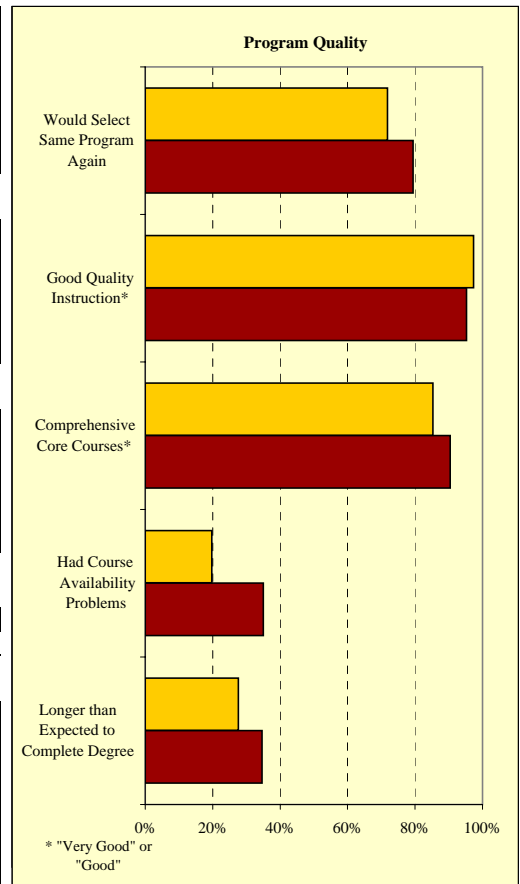
7. Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Day-to-day Life:	03.0104	SYSTEM
Very Useful	16 26%	2,013 30%
Somewhat Useful	35 57%	3,611 54%
Not Very Useful	10 16%	890 13%
Not at All Useful	- 0%	179 3%

8. Program Satisfaction:	03.0104	SYSTEM
Very Satisfied	22 29%	2,832 35%
Satisfied	50 66%	4,816 60%
Dissatisfied	2 3%	288 4%
Very Dissatisfied	2 3%	51 1%
Total	76 100%	7,987 100%



9. Would you select the same program again?	03.0104	SYSTEM
Yes	51 72%	6,053 79%
No, because . . . (multiple response question)	20	1,565
. . . interests have changed	4 11%*	468 17%*
. . . courses were not practical	6 17%*	597 22%*
. . . little or no career opportunities	6 17%*	505 18%*
. . . other	19 54%*	1,197 43%*

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



* "Very Good" or "Good"

10. Quality of Instruction:	03.0104	SYSTEM
Very Good	18 24%	2,490 31%
Good	56 74%	5,096 64%
Poor	1 1%	348 4%
Very Poor	1 1%	28 0%
Total	76 100%	7,962 100%

11. Comprehensiveness of Core Courses:	03.0104	SYSTEM
Very Good	17 23%	2,045 26%
Good	47 63%	5,069 64%
Poor	10 13%	704 9%
Very Poor	1 1%	53 1%
Total	75 100%	7,871 100%

12. Course Availability:	03.0104	SYSTEM
Encountered course availability problems	15 20%	2,753 35%

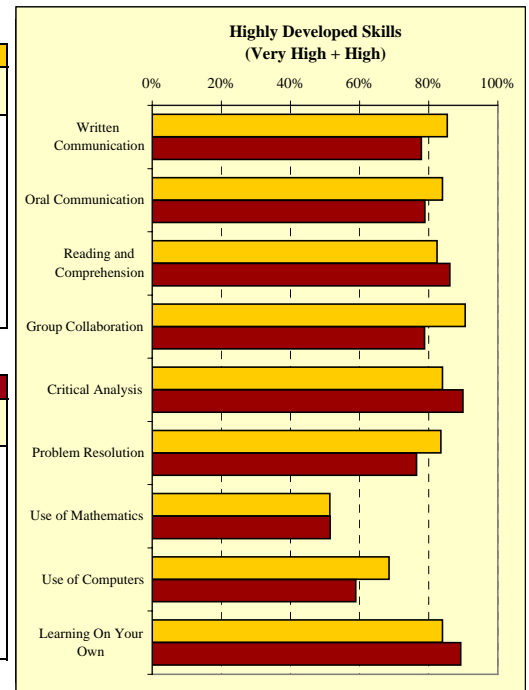
13. Degree Completion:	03.0104	SYSTEM
Took longer than expected to complete degree	21 28%	2,770 35%
Top 4 reasons for prolonged degree completion (multiple response question):		
Personal or family reasons	2 6%*	401 8%*
Financial reasons / work	2 6%*	468 9%*
Change of major/program/specialization	3 9%*	403 8%*
Involvement in co-op program extended completion time	5 14%*	451 9%*
Other reason(s)	23 66%*	3,253 65%*

* Percent of total responses, among those who took longer than expected to complete degree

SKILL DEVELOPMENT

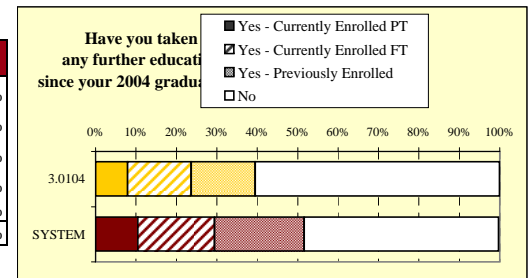
14a. To what degree did program help you develop the following skills?	03.0104					# Resp.
	Very High	High	Low	Very Low		
	Written Communication	25%	60%	12%	3%	
Oral Communication	27%	57%	15%	1%	75	
Reading and Comprehension	22%	61%	16%	1%	74	
Group Collaboration	45%	46%	8%	1%	74	
Critical Analysis	25%	59%	15%	1%	75	
Problem Resolution	19%	64%	14%	3%	73	
Use of Mathematics Appropriate to Field	13%	39%	43%	6%	70	
Use of Computers Appropriate to Field	25%	44%	29%	3%	73	
Learning On Your Own	27%	57%	13%	3%	75	

14b. To what degree did program help you develop the following skills?	SYSTEM					# Resp.
	Very High	High	Low	Very Low		
	Written Communication	24%	54%	19%	3%	
Oral Communication	23%	56%	19%	2%	7,662	
Reading and Comprehension	31%	55%	12%	2%	7,627	
Group Collaboration	32%	46%	18%	3%	7,670	
Critical Analysis	41%	49%	9%	1%	7,885	
Problem Resolution	21%	55%	21%	2%	7,577	
Use of Mathematics Appropriate to Field	17%	35%	35%	14%	5,873	
Use of Computers Appropriate to Field	20%	39%	31%	10%	6,615	
Learning On Your Own	38%	52%	9%	2%	7,713	

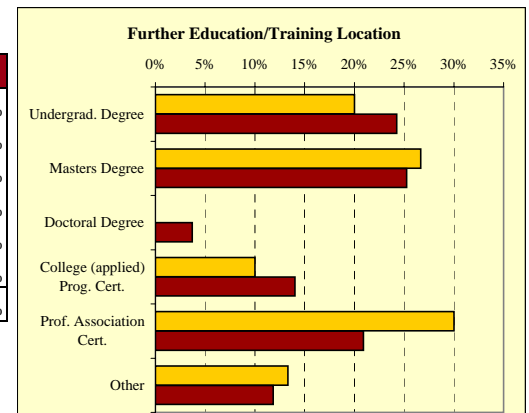


FURTHER EDUCATION

15. Took further education since 2004 graduation	03.0104	SYSTEM
Yes:	30	4,158
Not currently enrolled	12	1,779
Currently enrolled full-time	12	1,520
Currently enrolled part-time	6	838
No	46	3,851
Total	76	8,009



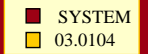
16. Type of Formal Post-Secondary Education	03.0104	SYSTEM
Undergraduate Degree	6	995
Masters Degree	8	1,036
Doctoral Degree	-	152
College (applied) Program Certification	3	575
Professional Association Certification	9	858
Other	4	485
Total Respondents	30	4,101



Detailed Summary of Survey Results

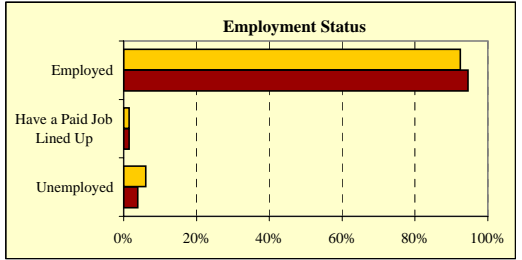
All Institutions

6 Digit CIP: 03.0104: Environmental Science.



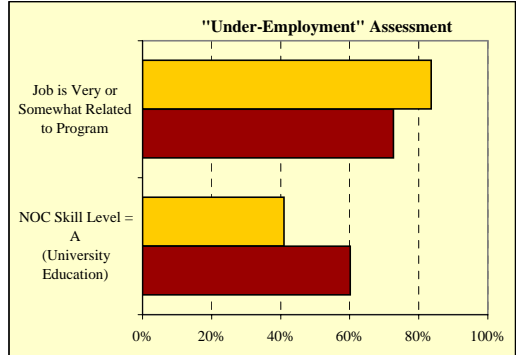
EMPLOYMENT

17. Labour Force Status:	03.0104	SYSTEM
In Labour Force (working or seeking work)	66 88%	7,092 89%
Not in Labour Force	9 12%	905 11%
Grand Total	75 100%	7,997 100%



18. Employment Status of those IN Labour Force:	03.0104	SYSTEM
Employed	61 92%	6,707 95%
Have a Paid Job Lined Up	1 2%	109 2%
Unemployed	4 6%	276 4%
Total Labour Force	66 100%	7,092 100%

19. Status of Graduates NOT in Labour Force:	03.0104	SYSTEM
Attending School FT	7 78%	677 75%
Attending School PT	- 0%	32 4%
Other	2 22%	196 22%
Total NOT in Labour Force	9 100%	905 100%

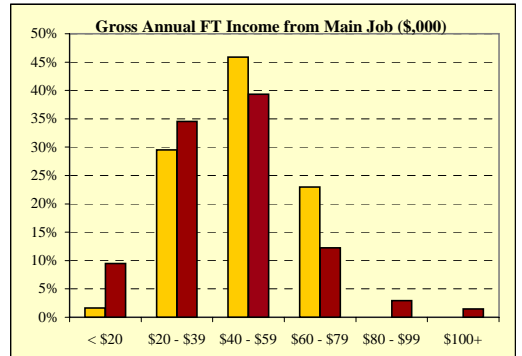


20. Employment Type:	03.0104	SYSTEM
Paid worker	56 92%	6,048 90%
Self-employed	2 3%	356 5%
Both a paid worker and self-employed	3 5%	300 4%
Total Employed	61 100%	6,707 100%

21. Job Characteristics:	03.0104	SYSTEM
I hold more than one job	9 15%*	1,333 20%
My main job is full-time (>= 30 hours per week)	58 95%**	5,464 84%**

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

22. How related is your main job to your program?	03.0104	SYSTEM
Very Related	32 52%	3,006 45%
Somewhat Related	19 31%	1,865 28%
Not Very Related	5 8%	810 12%
Not At All Related	5 8%	1,020 15%
Total	61 100%	6,701 100%



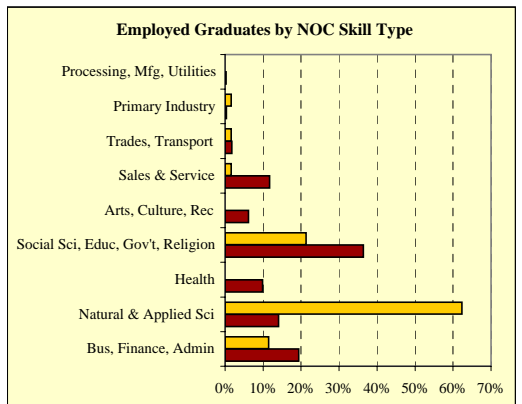
23. "Under-employment" Assessment:	03.0104	SYSTEM
Job is very or somewhat related to program	51 84%	4,871 73%
NOC Skill Level = A (University Education)	25 41%	3,972 60%

* of total valid responses

24. Gross Annual Income from Main Job:*	03.0104	SYSTEM
Less than \$20,000	1 2%	552 9%
\$20,000 to \$39,999	18 30%	2,009 35%
\$40,000 to \$59,999	28 46%	2,290 39%
\$60,000 to \$79,999	14 23%	714 12%
\$80,000 to \$99,999	- 0%	171 3%
\$100,000 and Above	- 0%	85 1%
Total	61 100%	5,821 100%
Median Annual Income (full-time)	\$48,250	\$43,000
Average Annual Income (full-time)	\$48,588	\$46,444

* where data provided

25. NOC Skill Type of Main Job:	03.0104	SYSTEM
Business, Finance and Administration	7 11%	1,274 19%
Natural and Applied Sciences and Related	38 62%	927 14%
Health	- 0%	650 10%
Social Sciences, Educ., Gov't Services, Religion	13 21%	2,389 36%
Arts, Culture, Recreation and Sport	- 0%	404 6%
Sales and Service	1 2%	772 12%
Trades, Transport and Equip. Operators and Related	1 2%	117 2%
Unique to the Primary Industry	1 2%	21 0%
Unique to Processing, Manufacturing and Utilities	- 0%	18 0%
Total	61 100%	6,572 100%



Detailed Summary of Survey Results

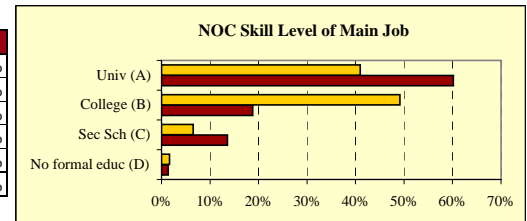
All Institutions

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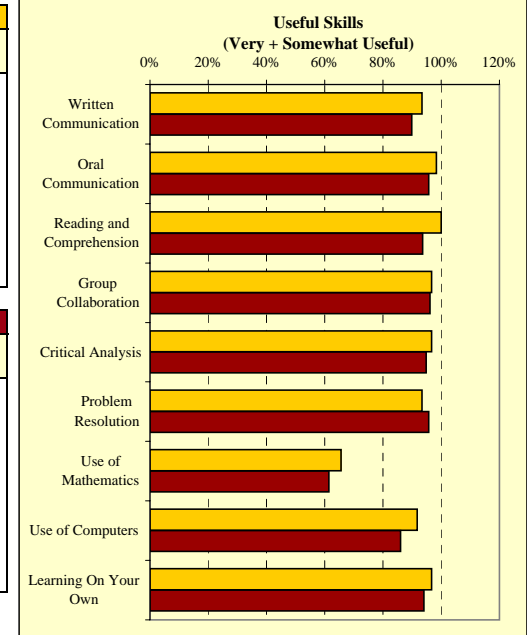
SYSTEM
03.0104

EMPLOYMENT, continued

26. NOC Skill Level of Main Job:	03.0104	SYSTEM
A. University education	25 41%	3,972 60%
B. College education/trade apprenticeship	30 49%	1,240 19%
C. Secondary school + job-specific training	4 7%	899 14%
D. No formal education	1 2%	92 1%
No skill level assigned (management)	1 2%	397 6%
Total	61 100%	6,600 100%



27a. How useful are the following skills and abilities in doing your main job?	03.0104				
	Very Useful	Somewhat Useful	Not Very Useful	Not at all Useful	# Resp.
Written Communication	70%	23%	5%	2%	61
Oral Communication	75%	23%	2%	0%	61
Reading and Comprehension	70%	30%	0%	0%	61
Group Collaboration	74%	23%	3%	0%	61
Critical Analysis	84%	13%	3%	0%	61
Problem Resolution	79%	15%	7%	0%	61
Use of Mathematics Appropriate to Field	28%	38%	28%	7%	61
Use of Computers Appropriate to Field	70%	21%	3%	5%	61
Learning On Your Own	74%	23%	3%	0%	61



27b. How useful are the following skills and abilities in doing your main job?	SYSTEM				
	Very Useful	Somewhat Useful	Not Very Useful	Not at all Useful	# Resp.
Written Communication	67%	23%	6%	4%	6,696
Oral Communication	77%	19%	3%	1%	6,696
Reading and Comprehension	70%	23%	4%	2%	6,696
Group Collaboration	79%	17%	3%	1%	6,699
Critical Analysis	74%	20%	3%	2%	6,698
Problem Resolution	75%	20%	3%	1%	6,693
Use of Mathematics Appropriate to Field	25%	36%	22%	17%	6,675
Use of Computers Appropriate to Field	56%	30%	8%	6%	6,688
Learning On Your Own	68%	26%	4%	2%	6,690

28a. Top 10 Full-time Occupations of 3.0104 Graduates:			03.0104
NOC	NOC Skill Level Description	% Employed FT in this Occ.**	Median FT Salary
4161	A Natural/App Sci Policy Rsrchrs	16%	\$56,000
2221	B Biological Technicians	13%	\$44,149
2121	A Biologists & Related Scientists	11%	\$50,000
2223	B Forestry Technologists & Technicians	8%	\$46,000
2211	B Applied Chemical Technicians	7%	\$60,750
2224	B Conservation & Fishery Officers	5%	\$45,000
2212	B Geological & Mineral Technicians	5%	\$33,000
2112	A Chemists	3%	\$48,000
2122	A Forestry Professionals	3%	\$47,500
2255	B Mapping & Related Technicians	3%	\$45,700

*data not displayed where n < 2

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

28b. Top 10 Full-time Occupations of Graduates from All Institutions:			SYSTEM
NOC	NOC Skill Level Description	% Employed FT in this Occ.**	Median FT Salary
4141	A Secondary School Teachers	8%	\$42,000
4142	A Elem & Kindergarten Teacher	7%	\$40,000
3152	A Registered Nurses	5%	\$56,330
1111	A Financial Auditors & Acnts	3%	\$42,500
2174	A Computer Programmers/Interactive Media Developers	2%	\$50,000
5124	A Occhs in Public Relations & Comm	2%	\$42,000
4112	A Lawyers & Quebec Notaries	2%	\$70,000
1232	B Loan Officers	1%	\$40,000
2173	A Software Engineers	1%	\$56,000
4152	A Social Workers	1%	\$48,000

*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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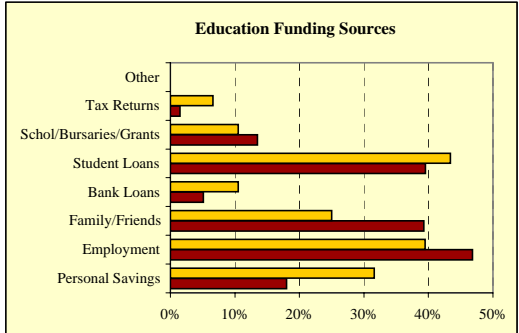
All Institutions

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SYSTEM
03.0104

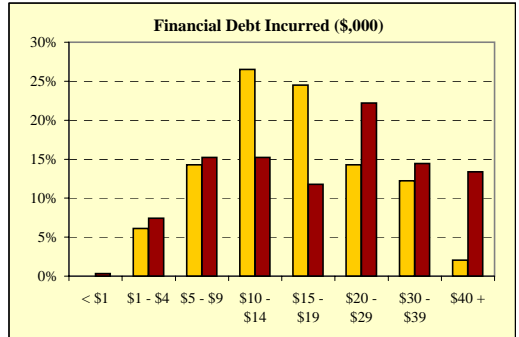
EDUCATION FINANCING

29. Education Funding Sources (2 sources per respondent):	03.0104	SYSTEM
Personal Savings	24 32%*	1,444 18%*
Employment	30 39%*	3,752 47%*
Family/Friends	19 25%*	3,146 39%*
Bank Loans	8 11%*	409 5%*
Student Loans	33 43%*	3,168 40%*
Scholarships/Bursaries/Grants	8 11%*	1,082 14%*
Tax Returns	5 7%*	120 1%*
Other	- 0%*	- 0%*
Total Respondents	76	8,009

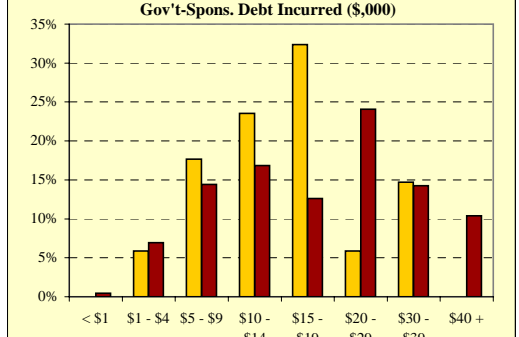


30. Financial Debt Incurred to Finance Univ. Education:	03.0104	SYSTEM
Incurred any form of financial debt	49 64%*	3,818 48%
Incurred government-sponsored student loan debt	34 45%*	3,190 40%

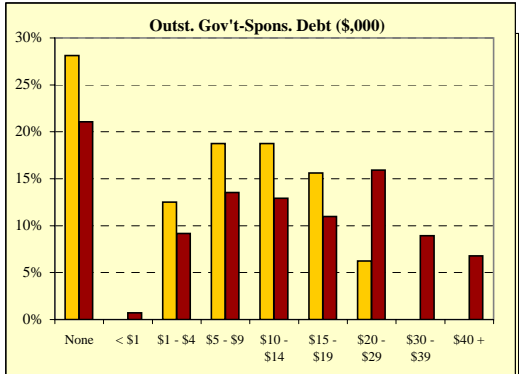
31. Financial Debt Amount:*	03.0104	SYSTEM
< \$1,000	- 0%	12 0%
\$1,000 to \$4,999	3 6%	284 7%
\$5,000 to \$9,999	7 14%	582 15%
\$10,000 to \$14,999	13 27%	581 15%
\$15,000 to \$19,999	12 24%	449 12%
\$20,000 to \$29,999	7 14%	847 22%
\$30,000 to \$39,999	6 12%	552 14%
\$40,000 or More	1 2%	511 13%
Total	49 100%	3,818 100%
Median Financial Debt	\$15,000	\$20,000



32. Government-Sponsored Student Loan Debt Amount:*	03.0104	SYSTEM
< \$1,000	- 0%	14 0%
\$1,000 to \$4,999	2 6%	222 7%
\$5,000 to \$9,999	6 18%	460 14%
\$10,000 to \$14,999	8 24%	537 17%
\$15,000 to \$19,999	11 32%	402 13%
\$20,000 to \$29,999	2 6%	768 24%
\$30,000 to \$39,999	5 15%	455 14%
\$40,000 or More	- 0%	332 10%
Total	34 100%	3,190 100%
Median Gov't-Sponsored Student Loan Debt	\$15,000	\$18,000



33. Outstanding Gov't-Sponsored Loan Debt Amount:*	03.0104	SYSTEM
None - Loan repaid in full	9 28%	644 21%
< \$1,000	- 0%	22 1%
\$1,000 to \$4,999	4 13%	280 9%
\$5,000 to \$9,999	6 19%	414 14%
\$10,000 to \$14,999	6 19%	395 13%
\$15,000 to \$19,999	5 16%	336 11%
\$20,000 to \$29,999	2 6%	487 16%
\$30,000 to \$39,999	- 0%	273 9%
\$40,000 or More	- 0%	207 7%
Total	32 100%	3,058 100%
Median Gov't-Sponsored Loan Debt Outstanding	\$8,000	\$11,000



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

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All Institutions

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SYSTEM
03.0104

SPECIAL SECTION ON INTERNATIONAL EDUCATION

42. In your employment since graduation, how important has it been for you to understand the following international skills/issues?

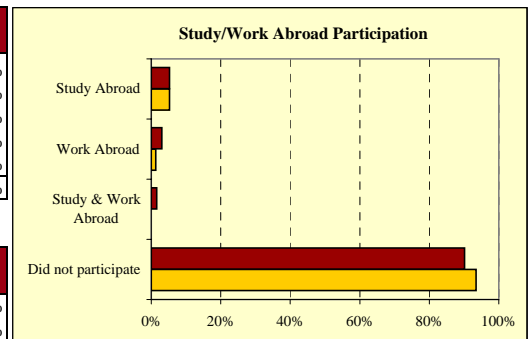
International Skill	3.0104						SYSTEM					
	Very Important	Important	Not Very Important	Not at all Important	Not Applicable	Total Resp.	Very Important	Important	Not Very Important	Not at all Important	Not Applicable	Total Resp.
Speak a second language	8%	13%	36%	42%	1%	76	20%	22%	28%	28%	2%	7966
International Business Practices	5%	33%	28%	33%	0%	75	13%	27%	32%	28%	0%	7817
Global Issues	24%	43%	20%	13%	0%	75	26%	38%	22%	14%	0%	7835
Interconnections between local and global issues	29%	49%	12%	9%	0%	75	29%	41%	18%	12%	0%	7835
Knowledge and traditions of other countries and cultures	12%	41%	25%	21%	0%	75	40%	35%	16%	10%	0%	7840

43. How helpful was the institution in preparing you with the following international skills?

International Skill	3.0104						SYSTEM					
	Very Helpful	Helpful	Not Very Helpful	Not at all Helpful	Not Applicable	Total Resp.	Very Helpful	Helpful	Not Very Helpful	Not at all Helpful	Not Applicable	Total Resp.
Speak a second language	3%	3%	13%	33%	49%	76	5%	12%	18%	18%	48%	7985
International Business Practices	5%	17%	45%	32%	0%	75	6%	23%	34%	37%	0%	7838
Global Issues	29%	66%	3%	3%	0%	76	20%	47%	20%	13%	0%	7946
Interconnections between local and global issues	29%	62%	7%	3%	0%	76	19%	47%	22%	12%	0%	7930
Knowledge and traditions of other countries and cultures	5%	42%	38%	14%	0%	76	20%	46%	22%	11%	0%	7942

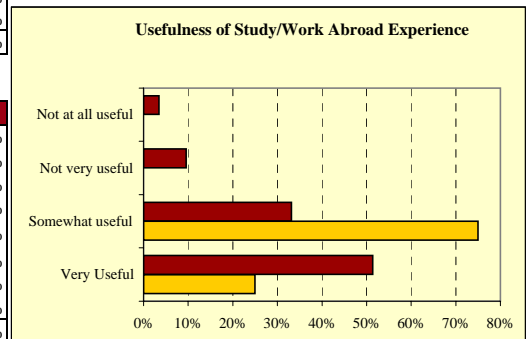
44. Did you study or work abroad during your program?

	3.0104		SYSTEM	
Yes:				
Study Abroad	5	7%	788	10%
Work Abroad	4	5%	420	5%
Study and work abroad	1	1%	243	3%
No	-	0%	125	2%
Total	71	93%	7,180	90%
Total	76	100%	7,968	100%



45. Usefulness of study or work abroad experiences to current job:*

	3.0104		SYSTEM	
Very Useful	1	25%	405	51%
Somewhat useful	3	75%	261	33%
Not very useful	-	0%	75	10%
Not at all useful	-	0%	27	3%
Total	4	100%	788	100%



46. Reasons why you did not study or work abroad:

	3.0104		SYSTEM	
Not aware these opportunities exist	9	13%	705	10%
Financial reasons	6	9%	1,135	16%
Extended degree completion time	1	1%	341	5%
Personal reasons (i.e. employment, family)	8	12%	1,394	20%
No opportunities/Limited opportunities	24	35%	897	13%
Not interested/ relevant/ required/ attractive	12	17%	1,747	25%
Conflicts with schooling (course load too heavy)	9	13%	569	8%
Other	-	0%	257	4%
Total	69	100%	7,045	100%