

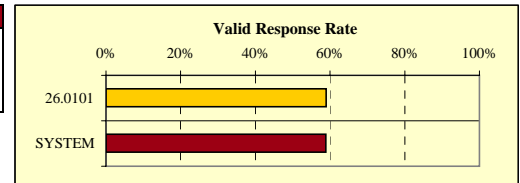
B.C. University Student Outcomes 2006 Survey of 2004 Baccalaureate Graduates

Detailed Summary of Survey Results
All Institutions
6 Digit CIP: 26.0101: Biology, General

SYSTEM
26.0101

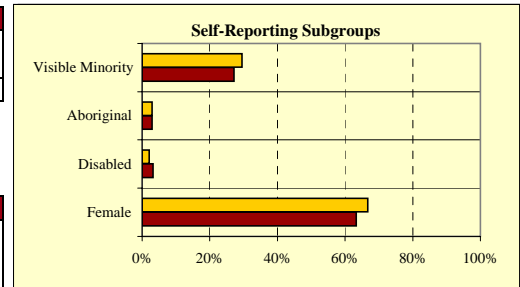
RESPONSE RATE

1. Survey Response Rate:	26.0101	SYSTEM
2004 Baccalaureate Graduates Survey Cohort	911	15,605
Net Frame	816	13,595
Survey Respondents and Valid Response Rate	481 59%	8,009 59%



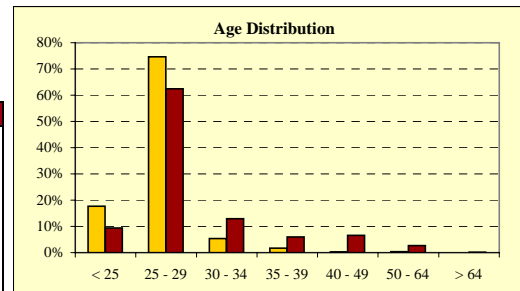
DEMOGRAPHIC INFORMATION

2. Gender:	26.0101	SYSTEM
Male	160 33%	2,941 37%
Female	321 67%	5,067 63%
Total	481 100%	8,008 100%

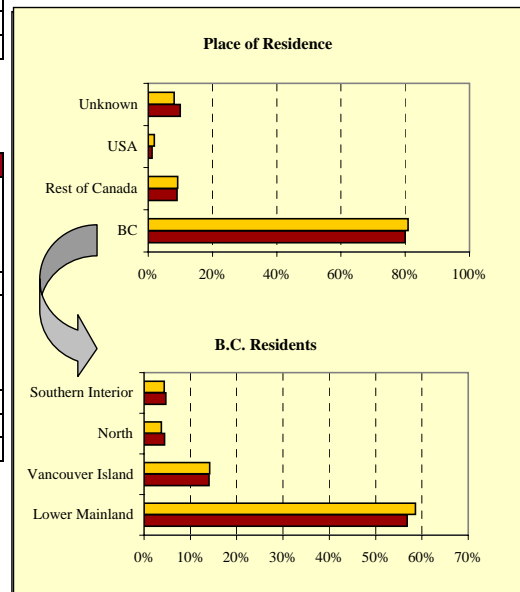


3. Self-Reporting Subgroups:	26.0101	SYSTEM
Disabled	10 2%	260 3%
Aboriginal	14 3%	232 3%
Visible Minority	142 30%	2,172 27%

4. Age (at time of survey):	26.0101	SYSTEM
< 25	85 18%	748 9%
25 to 29	359 75%	4,997 62%
30 to 34	26 5%	1,036 13%
35 to 39	8 2%	478 6%
40 to 49	1 0%	528 7%
50 to 64	2 0%	213 3%
> 64	- 0%	9 0%
Unknown	- 0%	- 0%
Total	481 100%	8,009 100%
Mean Age:	26.3	29.0



5. Place of Residence (at time of survey):	26.0101	SYSTEM
BC - Lower Mainland	282 59%	4,549 57%
BC - Vancouver Island	68 14%	1,124 14%
BC - North	18 4%	353 4%
BC - Southern Interior	21 4%	376 5%
BC Subtotal	389 81%	6,402 80%
Canada - Alberta	20 4%	310 4%
Canada - Ontario	14 3%	240 3%
Canada - Other	10 2%	164 2%
U.S.A.	9 2%	94 1%
Non-BC Subtotal	53 11%	808 10%
Unknown	39 8%	799 10%
Total	481 100%	8,009 100%



Detailed Summary of Survey Results
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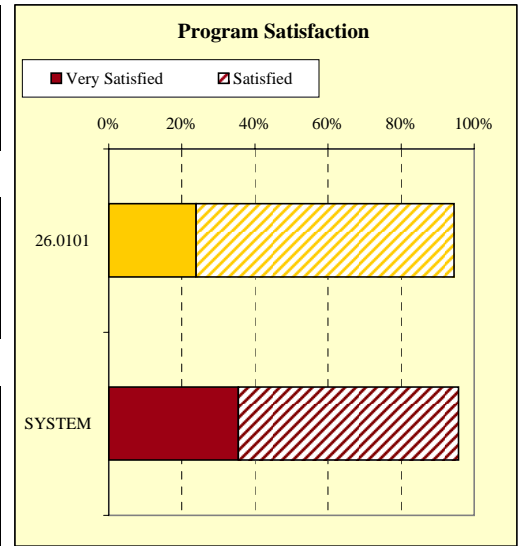
■ SYSTEM
 ■ 26.0101

EDUCATION EVALUATION AND SKILL DEVELOPMENT

6. Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Work:	26.0101	SYSTEM
Very Useful	83 28%	2,934 44%
Somewhat Useful	151 52%	2,942 44%
Not Very Useful	38 13%	565 8%
Not at All Useful	21 7%	247 4%

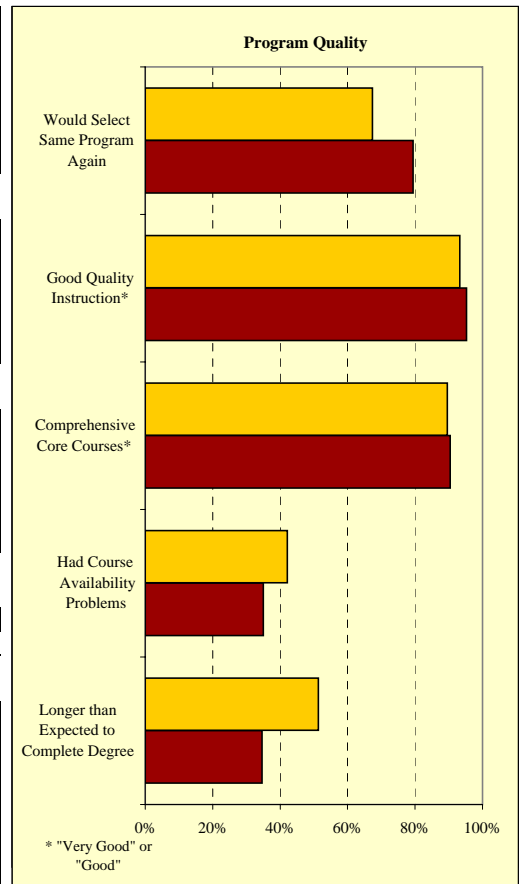
7. Usefulness of Knowledge, Skills, and Abilities Acquired during Program in Day-to-day Life:	26.0101	SYSTEM
Very Useful	49 17%	2,013 30%
Somewhat Useful	166 57%	3,611 54%
Not Very Useful	67 23%	890 13%
Not at All Useful	11 4%	179 3%

8. Program Satisfaction:	26.0101	SYSTEM
Very Satisfied	115 24%	2,832 35%
Satisfied	340 71%	4,816 60%
Dissatisfied	21 4%	288 4%
Very Dissatisfied	5 1%	51 1%
Total	481 100%	7987 100%



9. Would you select the same program again?	26.0101	SYSTEM
Yes	304 67%	6,053 79%
No, because . . . (multiple response question)	147	1,565
. . . interests have changed	45 18%*	468 17%*
. . . courses were not practical	56 22%*	597 22%*
. . . little or no career opportunities	53 21%*	505 18%*
. . . other	101 40%*	1,197 43%*

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



* "Very Good" or "Good"

10. Quality of Instruction:	26.0101	SYSTEM
Very Good	115 24%	2,490 31%
Good	330 69%	5,096 64%
Poor	31 6%	348 4%
Very Poor	1 0%	28 0%
Total	477 100%	7,962 100%

11. Comprehensiveness of Core Courses:	26.0101	SYSTEM
Very Good	109 23%	2,045 26%
Good	318 67%	5,069 64%
Poor	43 9%	704 9%
Very Poor	7 1%	53 1%
Total	477 100%	7,871 100%

12. Course Availability:	26.0101	SYSTEM
Encountered course availability problems	199 42%	2,753 35%

13. Degree Completion:	26.0101	SYSTEM
Took longer than expected to complete degree	247 51%	2,770 35%
Top 4 reasons for prolonged degree completion (multiple response question):		
Personal or family reasons	33 7%*	401 8%*
Financial reasons / work	39 8%*	468 9%*
Change of major/program/specialization	34 7%*	403 8%*
Involvement in co-op program extended completion time	44 9%*	451 9%*
Other reason(s)	338 69%*	3,253 65%*

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

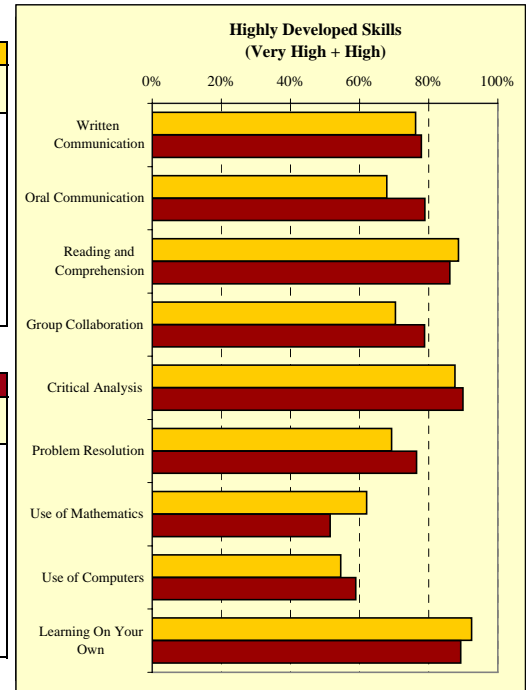
Detailed Summary of Survey Results
All Institutions
6 Digit CIP: 26.0101: Biology, General

■ SYSTEM
 ■ 26.0101

SKILL DEVELOPMENT

14a.

To what degree did program help you develop the following skills?	26.0101				# Resp.
	Very High	High	Low	Very Low	
	Written Communication	17%	60%	21%	
Oral Communication	12%	56%	29%	3%	467
Reading and Comprehension	34%	55%	11%	1%	476
Group Collaboration	22%	48%	26%	3%	466
Critical Analysis	38%	49%	11%	2%	477
Problem Resolution	15%	55%	26%	4%	452
Use of Mathematics Appropriate to Field	14%	48%	31%	7%	448
Use of Computers Appropriate to Field	15%	40%	37%	8%	442
Learning On Your Own	41%	52%	7%	1%	472



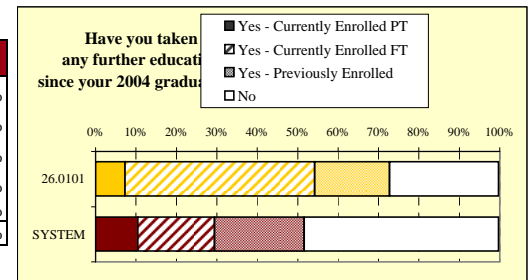
14b.

To what degree did program help you develop the following skills?	SYSTEM				# Resp.
	Very High	High	Low	Very Low	
	Written Communication	24%	54%	19%	
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

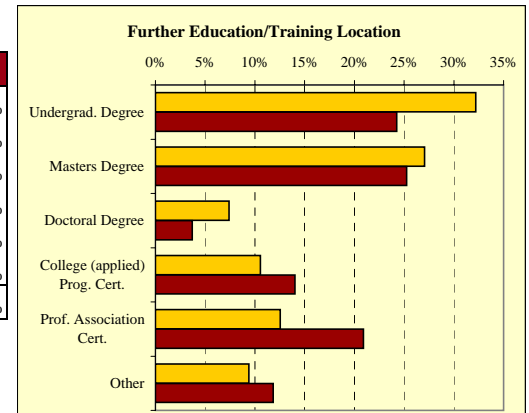
15. Took further education since 2004 graduation

	26.0101	SYSTEM
Yes:		
Not currently enrolled	89 (19%)	1,779 (22%)
Currently enrolled full-time	226 (47%)	1,520 (19%)
Currently enrolled part-time	35 (7%)	838 (10%)
No	130 (27%)	3,851 (48%)
Total	481 (100%)	8,009 (100%)



16. Type of Formal Post-Secondary Education

	26.0101	SYSTEM
Undergraduate Degree	113 (32%)	995 (24%)
Masters Degree	95 (27%)	1,036 (25%)
Doctoral Degree	26 (7%)	152 (4%)
College (applied) Program Certification	37 (11%)	575 (14%)
Professional Association Certification	44 (13%)	858 (21%)
Other	33 (9%)	485 (12%)
Total Respondents	348 (99%)	4,101 (100%)

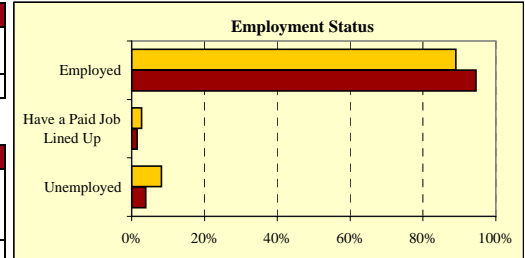


Detailed Summary of Survey Results
All Institutions
6 Digit CIP: 26.0101: Biology, General

■ SYSTEM
■ 26.0101

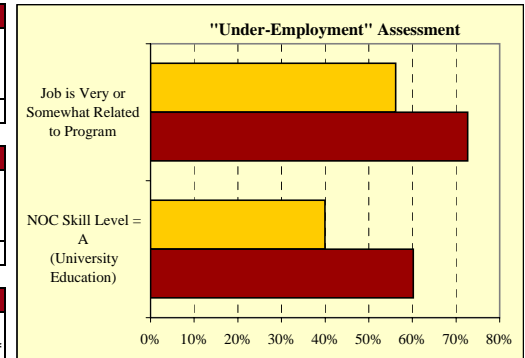
EMPLOYMENT

17. Labour Force Status:	26.0101	SYSTEM
In Labour Force (working or seeking work)	329 69%	7,092 89%
Not in Labour Force	149 31%	905 11%
Grand Total	478 100%	7,997 100%



18. Employment Status of those IN Labour Force:	26.0101	SYSTEM
Employed	293 89%	6,707 95%
Have a Paid Job Lined Up	9 3%	109 2%
Unemployed	27 8%	276 4%
Total Labour Force	329 100%	7,092 100%

19. Status of Graduates NOT in Labour Force:	26.0101	SYSTEM
Attending School FT	130 87%	677 75%
Attending School PT	3 2%	32 4%
Other	16 11%	196 22%
Total NOT in Labour Force	149 100%	905 100%

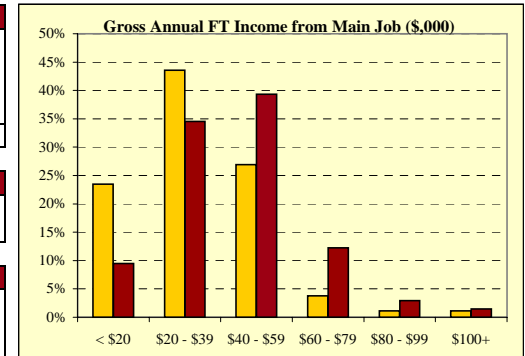


20. Employment Type:	26.0101	SYSTEM
Paid worker	266 91%	6,048 90%
Self-employed	21 7%	356 5%
Both a paid worker and self-employed	6 2%	300 4%
Total Employed	293 100%	6,707 100%

21. Job Characteristics:	26.0101	SYSTEM
I hold more than one job	53 18%*	1,333 20%
My main job is full-time (>= 30 hours per week)	207 74%**	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?	26.0101	SYSTEM
Very Related	82 28%	3,006 45%
Somewhat Related	82 28%	1,865 28%
Not Very Related	40 14%	810 12%
Not At All Related	88 30%	1,020 15%
Total	292 100%	6,701 100%



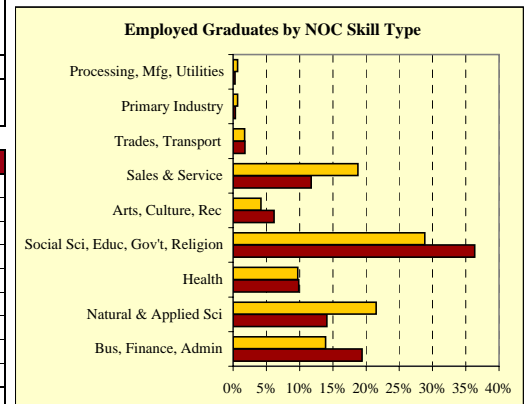
23. "Under-employment" Assessment:	26.0101	SYSTEM
Job is very or somewhat related to program	164 56%	4,871 73%
NOC Skill Level = A (University Education)	115 40%	3,972 60%

* of total valid responses

24. Gross Annual Income from Main Job:*	26.0101	SYSTEM
Less than \$20,000	62 23%	552 9%
\$20,000 to \$39,999	115 44%	2,009 35%
\$40,000 to \$59,999	71 27%	2,290 39%
\$60,000 to \$79,999	10 4%	714 12%
\$80,000 to \$99,999	3 1%	171 3%
\$100,000 and Above	3 1%	85 1%
Total	264 100%	5,821 100%
Median Annual Income (full-time)	\$36,920	\$43,000
Average Annual Income (full-time)	\$40,361	\$46,444

* where data provided

25. NOC Skill Type of Main Job:	26.0101	SYSTEM
Business, Finance and Administration	40 14%	1,274 19%
Natural and Applied Sciences and Related	62 22%	927 14%
Health	28 10%	650 10%
Social Sciences, Educ., Gov't Services, Religion	83 29%	2,389 36%
Arts, Culture, Recreation and Sport	12 4%	404 6%
Sales and Service	54 19%	772 12%
Trades, Transport and Equip. Operators and Related	5 2%	117 2%
Unique to the Primary Industry	2 1%	21 0%
Unique to Processing, Manufacturing and Utilities	2 1%	18 0%
Total	288 100%	6,572 100%



Detailed Summary of Survey Results

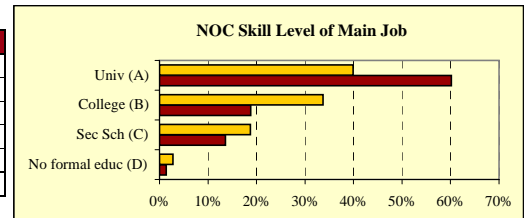
All Institutions

6 Digit CIP: 26.0101: Biology, General

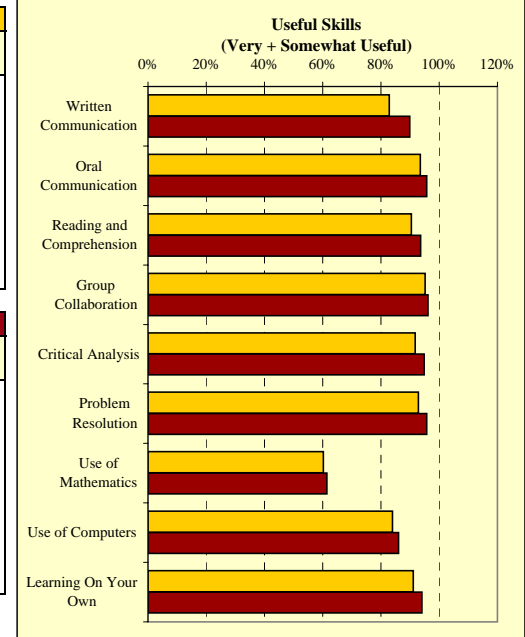
SYSTEM
26.0101

EMPLOYMENT, continued

26. NOC Skill Level of Main Job:	26.0101	SYSTEM
A. University education	115 40%	3,972 60%
B. College education/trade apprenticeship	97 34%	1,240 19%
C. Secondary school + job-specific training	54 19%	899 14%
D. No formal education	8 3%	92 1%
No skill level assigned (management)	14 5%	397 6%
Total	288 100%	6,600 100%



27a. How useful are the following skills and abilities in doing your main job?	26.0101				
	Very Useful	Somewhat Useful	Not Very Useful	Not at all Useful	# Resp.
Written Communication	59%	24%	8%	9%	291
Oral Communication	71%	22%	5%	1%	292
Reading and Comprehension	66%	24%	4%	2%	292
Group Collaboration	76%	19%	3%	2%	292
Critical Analysis	67%	25%	5%	3%	291
Problem Resolution	71%	22%	6%	1%	292
Use of Mathematics Appropriate to Field	25%	36%	25%	15%	292
Use of Computers Appropriate to Field	52%	32%	9%	8%	292
Learning On Your Own	59%	32%	5%	3%	292



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 26.0101 Graduates:			26.0101
NOC	NOC Skill Level Description	% Employed FT in this Occ.**	Median FT Salary
2221	B Biological Technicians	8%	\$39,500
2121	A Biologists & Related Scientists	5%	\$37,500
4122	A Post-Sec Teaching & Research Asstnts	4%	\$18,600
4141	A Secondary School Teachers	4%	\$42,000
4165	A Health Policy Researchers	2%	\$36,000
4161	A Natural/App Sci Policy Rsrchrs	2%	\$31,600
2211	B Applied Chemical Technicians	2%	\$35,360
1414	C Receptionists & Switchboard Ops	2%	\$31,200
3213	B Animal Health Technicians	2%	\$31,200
3211	B Med Lab Techs & Pathologist Asst	1%	\$43,000

*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

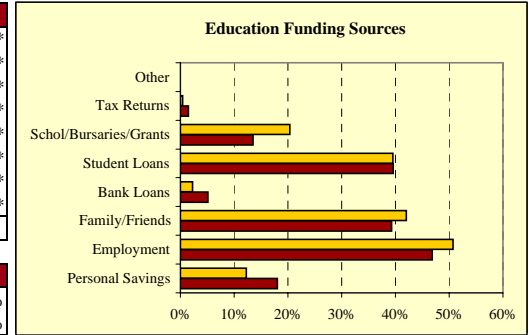
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Detailed Summary of Survey Results
All Institutions
6 Digit CIP: 26.0101: Biology, General

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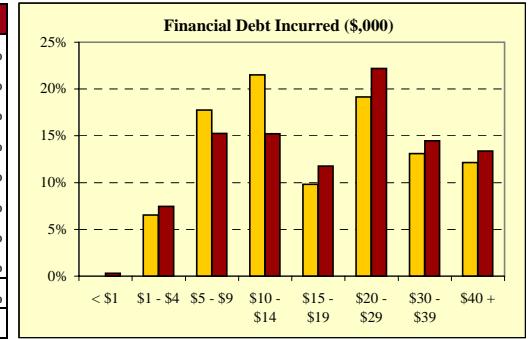
EDUCATION FINANCING

29. Education Funding Sources (2 sources per respondent):	26.0101	SYSTEM
Personal Savings	59 12%*	1,444 18%*
Employment	244 51%*	3,752 47%*
Family/Friends	202 42%*	3,146 39%*
Bank Loans	11 2%*	409 5%*
Student Loans	190 40%*	3,168 40%*
Scholarships/Bursaries/Grants	98 20%*	1,082 14%*
Tax Returns	2 0%*	120 1%*
Other	- 0%*	- 0%*
Total Respondents	481	8,009

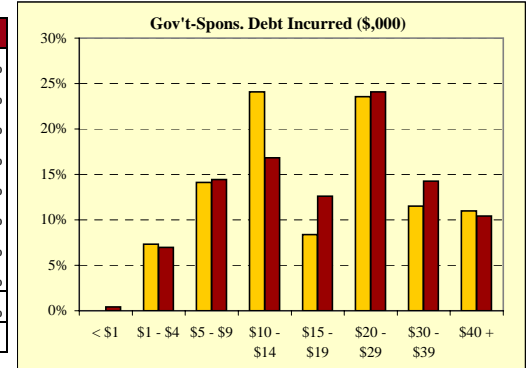


30. Financial Debt Incurred to Finance Univ. Education:	26.0101	SYSTEM
Incurred any form of financial debt	214 44%*	3,818 48%
Incurred government-sponsored student loan debt	191 40%*	3,190 40%

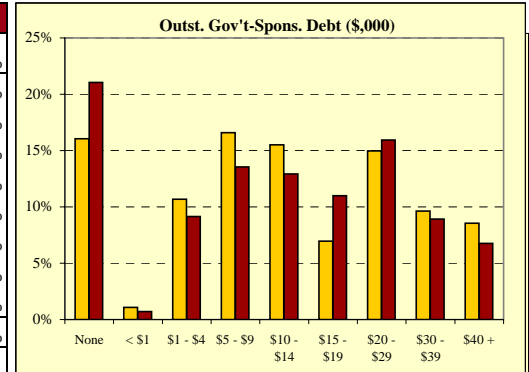
31. Financial Debt Amount:*	26.0101	SYSTEM
< \$1,000	- 0%	12 0%
\$1,000 to \$4,999	14 7%	284 7%
\$5,000 to \$9,999	38 18%	582 15%
\$10,000 to \$14,999	46 21%	581 15%
\$15,000 to \$19,999	21 10%	449 12%
\$20,000 to \$29,999	41 19%	847 22%
\$30,000 to \$39,999	28 13%	552 14%
\$40,000 or More	26 12%	511 13%
Total	214 100%	3,818 100%
Median Financial Debt	\$15,000	\$20,000



32. Government-Sponsored Student Loan Debt Amount:*	26.0101	SYSTEM
< \$1,000	- 0%	14 0%
\$1,000 to \$4,999	14 7%	222 7%
\$5,000 to \$9,999	27 14%	460 14%
\$10,000 to \$14,999	46 24%	537 17%
\$15,000 to \$19,999	16 8%	402 13%
\$20,000 to \$29,999	45 24%	768 24%
\$30,000 to \$39,999	22 12%	455 14%
\$40,000 or More	21 11%	332 10%
Total	191 100%	3,190 100%
Median Gov't-Sponsored Student Loan Debt	\$16,000	\$18,000



33. Outstanding Gov't-Sponsored Loan Debt Amount:*	26.0101	SYSTEM
None - Loan repaid in full	30 16%	644 21%
< \$1,000	2 1%	22 1%
\$1,000 to \$4,999	20 11%	280 9%
\$5,000 to \$9,999	31 17%	414 14%
\$10,000 to \$14,999	29 16%	395 13%
\$15,000 to \$19,999	13 7%	336 11%
\$20,000 to \$29,999	28 15%	487 16%
\$30,000 to \$39,999	18 10%	273 9%
\$40,000 or More	16 9%	207 7%
Total	187 100%	3,058 100%
Median Gov't-Sponsored Loan Debt Outstanding	\$10,000	\$11,000



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

Detailed Summary of Survey Results

All Institutions

6 Digit CIP: 26.0101: Biology, General

■ SYSTEM
■ 26.0101

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?

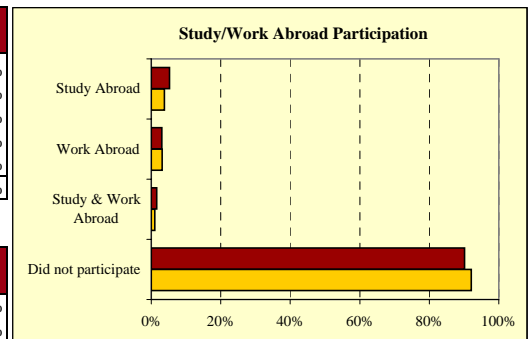
International Skill	26.0101						SYSTEM					
	Very Important	Important	Not Very Important	Not at all Important	Not Applicable	Total Resp.	Very Important	Important	Not Very Important	Not at all Important	Not Applicable	Total Resp.
Speak a second language	11%	21%	34%	30%	5%	480	20%	22%	28%	28%	2%	7966
International Business Practices	7%	20%	39%	33%	0%	451	13%	27%	32%	28%	0%	7817
Global Issues	17%	35%	27%	22%	0%	452	26%	38%	22%	14%	0%	7835
Interconnections between local and global issues	20%	36%	24%	20%	0%	451	29%	41%	18%	12%	0%	7835
Knowledge and traditions of other countries and cultures	27%	33%	25%	15%	0%	453	40%	35%	16%	10%	0%	7840

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

International Skill	26.0101						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	2%	10%	16%	21%	52%	480	5%	12%	18%	18%	48%	7985
International Business Practices	1%	9%	38%	52%	0%	460	6%	23%	34%	37%	0%	7838
Global Issues	11%	46%	24%	19%	0%	470	20%	47%	20%	13%	0%	7946
Interconnections between local and global issues	10%	46%	24%	19%	0%	466	19%	47%	22%	12%	0%	7930
Knowledge and traditions of other countries and cultures	10%	38%	31%	22%	0%	469	20%	46%	22%	11%	0%	7942

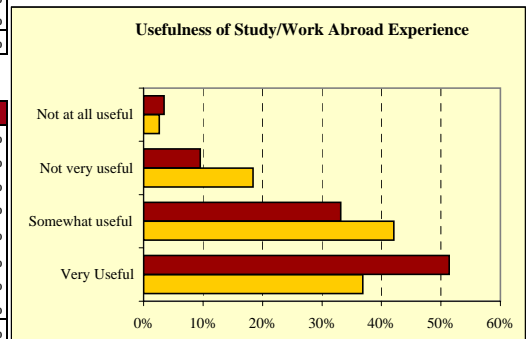
44. Did you study or work abroad during your program?

	26.0101	SYSTEM
Yes:		
Study Abroad	38	8%
Work Abroad	18	4%
Study and work abroad	15	3%
Study and work abroad	5	1%
No	443	92%
Total	481	100%



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

	26.0101	SYSTEM
Very Useful	14	37%
Somewhat useful	16	42%
Not very useful	7	18%
Not at all useful	1	3%
Total	38	100%



*excludes cases where student has not had job since graduation

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

	26.0101	SYSTEM
Not aware these opportunities exist	52	12%
Financial reasons	95	22%
Extended degree completion time	23	5%
Personal reasons (i.e. employment, family)	47	11%
No opportunities/Limited opportunities	27	6%
Not interested/ relevant/ required/ attractive	125	29%
Conflicts with schooling (course load too heavy)	44	10%
Other	19	4%
Total	432	100%