

# Graduating Student Survey: Students' Assessment of Learning

## Introduction

Each year, the Office of Institutional Research, Planning, and Assessment (IRPA) surveys both undergraduate and graduate students eligible for graduation in the summer, fall, winter, and spring quarter. IRPA surveys students during their final quarter to assess their educational experience at CSUB. A different topic is addressed each year. This is done to enhance response rates by presenting students with shorter questionnaires while also collecting information on a wide variety of subjects or themes. The topical module for the survey conducted Winter 2009 through Winter 2010 is "Students' Assessments of Learning" (see Appendix A for a copy of the questionnaire).

## Method

This survey is administered using Survey Monkey, an on-line survey software. An invitation to participate is sent to the preferred address of all students eligible for graduation with a baccalaureate or master's at the end of the "current" quarter. Students invited to take the survey but who have not responded within two weeks receive a reminder. Reminders are sent twice a week during the survey period and students are made aware of the surveys closing date. In addition, students may choose to formally "opt out" at any time, which blocks any further invitations from the Survey Monkey System.

## Response Rates

Response rates by quarter for the "Students' Assessments of Learning" survey ranged from 39% to 57% percent. The overall response rate over the four quarters was 44%.

### Total Response Rates for 2009-2010 College Year<sup>1</sup>

	Winter/Spring 2009	Summer 2009	Fall 2009	Winter 2010	Total
# Invited	1448	125	430	231	2234
# Responded	632	49	175	132	988 <sup>2</sup>
# Partial	15	0	4	2	21
# Complete	617	49	171	130	967
Response Rate	.44	.39	.41	.57	.44

<sup>1</sup>The response rate was calculated by dividing the number of students who responded by the number of students who were invited to take the survey

<sup>2</sup>Only 918 survey responses were analyzed because responses for the summer quarter were not included and 21 survey responses were removed (15 students took the survey twice and identifying information could not be extracted for 6 students)

## Data Analysis

### Characteristics of Student Respondents

Of the 918 students who responded, about 81% (n=742) were undergraduate students earning a baccalaureate degree, and about 19% (n=176) were graduate students earning a Master's degree. Just over two-thirds (68.2%) of the undergraduate students began their studies at CSUB as transfer students, while nearly all graduate students (92.0%) began their post-graduate work at CSUB (see Table 1). Among respondents who provided information on their racial/ethnic identity, the largest group indicated that they were White followed by Hispanic Latino students. Almost three-fourths (74.4%) of undergraduate students were 18-29 years old, while just over two-fourths (51.2%) of graduate students were 24-35 years old. More than half of all graduating students were female. These results are similar to the demographics of all CSUB students who received a degree in the 2009-2010 college year with the exception of the large percentage of degrees awarded to 24-29 year olds.

**Table 1: Background Characteristics**

	Survey Respondents				All 2009-10 Degrees Awarded			
	Undergraduate (N=742)		Graduate (N=176)		Undergraduate (N=1286)		Graduate (N=368)	
	%	n	%	n	%	n	%	n
<b>Matriculated as:</b>								
First-time student	31.8	236	92.0	162	34.4	442	90.0	331
Transfer student	68.2	506	8.0	14	65.6	844	10.0	37
<b>Race/ethnicity</b>								
African American	6.1	45	8.0	14	4.1	53	7.3	27
American Indian	1.1	8	1.1	2	1.1	14	1.1	4
Asian/ Pacific Islander	6.0	45	1.1	2	6.3	81	5.5	20
Hispanic/Latino	32.3	240	24.4	8	34.5	444	24.7	91
White	41.5	308	53.4	94	38.9	500	45.7	168
Other/Decline to state	12.9	96	11.9	21	15.1	194	15.7	58
<b>Age group</b>								
18-23	41.4	307	1.1	2	29.7	382	1.7	6
24-29	33.0	245	32.4	57	45.9	590	35.6	131
30-35	10.1	75	18.8	33	10.5	135	20.4	75
36-39	3.1	23	8.0	14	4.5	58	11.4	42
40-49	6.7	50	22.2	39	6.1	78	16.8	62
50+	1.9	14	14.8	26	3.3	42	14.1	52
Decline to state	3.8	28	2.8	5	0.0	0	0.0	0
<b>Gender</b>								
Male	28.7	213	22.2	39	30.6	394	32.9	121
Female	66.7	495	74.4	131	69.4	892	67.1	247
Decline to state	4.6	34	3.4	6	0.0	0	0.0	0

## Plans after Graduation

Students were asked to indicate whether they intended to pursue a number of possible courses of action after completing their degrees<sup>1</sup> (see Table 2A). About two-thirds of the students plan to pursue employment after graduation, regardless of degree level. Undergraduate students are equally likely to indicate that they expect to pursue additional higher education, while nearly one-third of graduate students expect to continue their graduate education. About 20% of students, both undergraduate and graduate, expect to start or raise a family. When asked to select the most important future activity, the most frequent response among respondents was to pursue employment after graduation (see Table 2B).

**Table 2A: Future Plans (All)**

What do you plan to do after graduation? Select all that apply.

	Undergraduate (N=742)		Graduate (N=176)	
	Percent	n	Percent	n
Pursue employment	67.1	498	66.5	117
Start/raise a family	20.9	155	21.0	37
Enter the military/armed services	1.5	11	.0	0
Pursue volunteer service	8.4	62	7.4	13
Pursue additional higher education	67.5	501	30.7	54
Pursue other activities than those listed above	16.3	121	29.5	52

**Table 2B: Future Plans: Most Important**

Which of your future plans is most important? Select only one.

	Undergraduate (N=742)		Graduate <sup>1</sup> (N=176)	
	Percent	n	Percent	n
Pursue employment	16.6	123	10.2	18
Start/raise a family	4.0	30	5.7	10
Enter military/armed services	.3	2	.0	0
Pursue volunteer service	.0	0	.6	1
Pursue additional higher education	10.8	80	3.4	6
Other activities not listed above	1.5	11	5.1	9
Decline to state	66.8	496	75.0	132

<sup>1</sup> Just over a quarter of students answered this question (246 undergraduate students and 44 graduate students)

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<sup>1</sup>Information on “future plans” of graduating students is a required component of the [College Portrait](#), the report which constitutes CSUB’s participation in the Voluntary System of Accountability. Response categories are mandated by the College Portrait template.

## Student Learning

Students were asked to rate the extent to which they acquired a number of skills and other types of knowledge. Table 3 shows the mean scores for students' responses, where higher scores indicate higher self-evaluations of learning. Means scores for most of the items were high, with "Knowledge of your major discipline," "Understanding how to conduct research and analysis," "Critical reasoning and problem solving," and "Working independently" receiving the highest mean scores. Students appear to feel least prepared in the areas of career-related knowledge and in knowledge of disciplines outside their majors. Interestingly, there was little difference between undergraduate and graduate students in response patterns.

**Table 3A: Students Perceptions Skills and Knowledge**

To what extent do you think you acquired the followings skills and knowledge through your studies at CSUB?

	Undergraduate (n=742)	Graduate (n=176)
	Mean	Mean
Knowledge of your major discipline	3.6	3.6
Knowledge related to disciplines outside your major	2.9	2.7
Learning about careers	2.6	2.7
Working independently	3.3	3.4
Critical reasoning and problem solving	3.4	3.3
Using technology for problem solving	3.1	3.0
Understanding of how to conduct research and analysis	3.4	3.4
Understanding how to locate and manage information	3.3	3.3
Adopting an ethical framework	3.3	3.3
Understanding of diverse groups and cultures	3.3	3.3
Numerical/Quantitative Literacy	3.0	2.8

\*Scale: A great deal=4, A fair amount=3, A little=2, Not at all=1

## Applied Learning

Students were asked whether they had participated in any of the several types of co-curricular/applied learning activities (see Table 4). Nearly all students (more than 85%) had engaged in at least one of the activities. Graduate students were more likely than undergraduates to have participated in an internship (46%, compared to 22.2 % of undergraduate students) and in research/creative activity with faculty (37.5%, compared to 25.9%). About one-fourth of students had been involved in some form of community based-learning. Few students indicated involvement in service learning. However, it is possible that wording of the questions did not allow to students to distinguish between community-based learning and service learning. Should this topic be included on a future survey, the questions will be clarified.

**Table 4: Engagement in Co-Curricular Activities / Applied Learning**

Did you ever engage in any of the following class activities while a student at CSUB? Please select all that apply.

	Undergraduate (N=742)		Graduate (N=176)	
	Percent	n	Percent	N
Service learning	13.1	97	9.7	17
Internship	22.2	165	46.0	81
Community-based learning	26.7	198	24.4	43
Research or creative activity with faculty outside the class	25.9	192	37.5	66
I did not engage in any of the above	13.3	99	13.6	24

## Next Steps

We also show the data for undergraduate and graduate students grouped by student level, school, and matriculation type (native v transfer students). These tables are found in Appendix A. The questionnaire used for the survey is included as Appendix B. The next topical module, administered to students scheduled to graduate between Spring 2010 and Winter 2011, collects information about students' learning experiences within the classroom, and their evaluations of the extent to which those experiences helped them learn the course content.

## APPENDIX A

### RESPONSES BY STUDENT LEVEL

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#### Background

Did you begin at CSUB as a first-time student, or as a transfer student?

	Undergraduate		Graduate	
	Percent	n	Percent	n
First-time student	31.8	236	92.0	162
Transfer student	68.2	506	8.0	14

What is your race/ethnicity?

	Undergraduate		Graduate	
	Percent	n	Percent	n
African American	6.1	45	8.0	14
American Indian	1.1	8	1.1	2
Asian	4.7	35	1.1	2
Hispanic/Latino	32.3	240	24.4	43
Pacific Islander	1.3	10	0.0	0
White	41.5	308	53.4	94
Other/Decline to state	12.9	96	11.9	21

What is your age?

	Undergraduate		Graduate	
	Percent	n	Percent	n
18-23	41.4	307	1.1	2
24-29	33.0	245	32.4	57
30-35	10.1	75	18.8	33
36-39	3.1	23	8.0	14
40-49	6.7	50	22.2	39
50+	1.9	14	14.8	26
Decline to state	3.8	28	2.8	5

What is your gender?

	Undergraduate		Graduate	
	Percent	n	Percent	n
Male	28.7	213	22.2	39
Female	66.7	495	74.4	131
Decline to state	4.6	34	3.4	6

**Plans after Graduation**

What do you plan to do after graduation? Select all that apply.

	Undergraduate		Graduate	
	Percent	n	Percent	n
Pursue employment	67.1	498	66.5	117
Start/raise a family	20.9	155	21.0	37
Enter the military/armed services	1.5	11	.0	0
Pursue volunteer service	8.4	62	7.4	13
Pursue additional higher education	67.5	501	30.7	54
Pursue other activities than those listed above	16.3	121	29.5	52

Which of your future plans is most important? Select only one.

	Undergraduate		Graduate	
	Percent	n	Percent	n
Pursue employment	16.6	123	10.2	18
Start/raise a family	4.0	30	5.7	10
Enter military/armed services	.3	2	.0	0
Pursue volunteer service	.0	0	.6	1
Pursue additional higher education	10.8	80	3.4	6
Other activities not listed above	1.5	11	5.1	9
Decline to state	66.8	496	75.0	132

**Educational Experiences**

To what extent do you think you acquired the followings skills and knowledge through your studies at CSUB?

	Undergraduate (n=742)	Graduate (n=176)
	Mean	Mean
Knowledge of your major discipline	3.6	3.6
Knowledge related to disciplines outside your major	2.9	2.7
Learning about careers	2.6	2.7
Working independently	3.3	3.4
Critical reasoning and problem solving	3.4	3.3
Using technology for problem solving	3.1	3.0
Understanding of how to conduct research and analysis	3.4	3.4
Understanding how to locate and manage information	3.3	3.3
Adopting an ethical framework	3.3	3.3
Understanding of diverse groups and cultures	3.3	3.3
Numerical/Quantitative Literacy	3.0	2.8

\*Scale: A great deal=4, A fair amount=3, A little=2, Not at all=1

To what extent do you think you acquired the following skills and knowledge through your studies at CSUB?  
 Students who responded " a great deal" or "a fair amount"

	Undergraduate		Graduate	
	Percent	n	Percent	n
Knowledge of your major discipline	92.9	689	94.3	166
Knowledge related to disciplines outside your major	68.1	505	60.2	106
Learning about careers	52.8	392	56.8	100
Working independently	82.3	611	84.7	149
Critical reasoning and problem solving	88.9	660	84.7	149
Using technology for problem solving	75.5	560	69.3	122
Understanding how to conduct research and analysis	86.4	641	84.1	148
Understanding how to locate and manage information	83.4	619	84.1	148
Adopting an ethical framework	81.4	604	84.7	149
Understanding of diverse groups and cultures	80.3	596	83.5	147
Numerical/Quantitative Literacy	72.8	540	60.8	107

### Educational Activities

Did you ever engage in any of the following class activities while a student at CSUB? Please select all that apply.

	Undergraduate		Graduate	
	Percent	n	Percent	n
Service learning	13.1	97	9.7	17
Internship	22.2	165	46.0	81
Community-based learning	26.7	198	24.4	43
Research or creative activity with faculty outside the class	25.9	192	37.5	66
I did not engage in any of the above	13.3	99	13.6	24



## UNDERGRADUATE STUDENT RESPONSES BY SCHOOL

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### Background

Did you begin at CSUB as a first-time freshman, or as a transfer student?

	AH (n=123)	BPA (n=147)	NSM (n=108)	SSE (n=364)
	Percent	Percent	Percent	Percent
First-time freshman	31.7	38.1	37.0	27.7
Transfer student	68.3	61.9	63.0	72.3

What is your race/ethnicity?

	AH (n=123)	BPA (n=147)	NSM (n=108)	SSE (n=364)
	Percent	Percent	Percent	Percent
African American	9.8	4.8	3.7	6.0
American Indian	.8	2.0	.9	.8
Asian	.8	4.8	15.7	2.7
Hispanic/Latino	10.6	12.2	2.8	16.2
Pacific Islander	16.3	16.3	25.9	23.4
White	45.5	47.6	37.0	39.0
Other/Decline to state	16.3	12.2	13.9	11.8

What is your age?

	AH (n=123)	BPA (n=147)	NSM (n=108)	SSE (n=364)
	Percent	Percent	Percent	Percent
18-23	42.3	46.3	38.0	40.1
24-29	29.3	30.6	41.7	32.7
30-35	9.8	11.6	6.5	10.7
36-39	4.1	2.0	1.9	3.6
40-49	7.3	3.4	6.5	8.0
50+	1.6	2.0	1.9	1.9
Decline to state	5.7	4.1	3.7	3.0

What is your gender?

	AH (n=123)	BPA (n=147)	NSM (n=108)	SSE (n=364)
	Percent	Percent	Percent	Percent
Male	33.3	40.8	37.0	19.8
Female	59.3	55.1	58.3	76.4
Decline to state	7.3	4.1	4.6	3.8

## Plans after Graduation

What do you plan to do after graduation? Select all that apply.

	AH (n=123)	BPA (n=147)	NSM (n=108)	SSE (n=364)
	Percent	Percent	Percent	Percent
Pursue employment	60.2	80.3	78.7	60.7
Start/raise a family	20.3	27.2	26.9	16.8
Enter the military/armed services	2.4	1.4	1.9	1.1
Pursue volunteer service	10.6	9.5	12.0	6.0
Pursue additional higher education	74.8	51.7	63.0	72.8
Pursue other activities than those listed above	17.1	19.7	25.0	12.1

Which of your future plans is most important? Select only one.

	AH (n=123)	BPA (n=147)	NSM (n=108)	SSE (n=364)
	Percent	Percent	Percent	Percent
Pursue employment	11.4	25.9	6.5	17.6
Start/raise a family	5.7	5.4	1.9	3.6
Enter military/armed services	.8	.0	.0	.3
Pursue volunteer service	.0	.0	.0	.0
Pursue additional higher education	13.0	7.5	5.6	12.9
Other activities not listed above	.8	2.7	.0	1.6
Decline to state	68.3	58.5	86.1	64.0

## Educational Experiences

To what extent do you think you acquired the following skills and knowledge through your studies at CSUB?

	AH (n=123)	BPA (n=147)	NSM (n=108)	SSE (n=364)
	Mean	Mean	Mean	Mean
Knowledge of your major discipline	3.6	3.4	3.6	3.6
Knowledge related to disciplines outside your major	2.8	2.9	2.8	2.9
Learning about careers	2.3	2.8	2.6	2.7
Working independently	3.3	3.2	3.3	3.4
Critical reasoning and problem solving	3.4	3.3	3.4	3.4
Using technology for problem solving	2.9	3.2	3.2	3.1
Understanding of how to conduct research and analysis	3.4	3.2	3.4	3.4
Understanding how to locate and manage information	3.3	3.2	3.2	3.4
Adopting an ethical framework	3.1	3.2	3.2	3.4
Understanding of diverse groups and cultures	3.2	3.1	3.1	3.4
Numerical/Quantitative Literacy	2.7	3.0	3.1	3.0

\*Scale: A great deal=4, A fair amount=3, A little=2, Not at all=1

To what extent do you think you acquired the following skills and knowledge through your studies at CSUB?  
Students who responded "a great deal" or "fair amount"

	AH (n=123)	BPA (n=147)	NSM (n=108)	SSE (n=364)
	Percent	Percent	Percent	Percent
Knowledge of your major discipline	90.2	89.1	93.5	95.1
Knowledge related to disciplines outside your major	62.6	71.4	61.1	70.6
Learning about careers	33.3	62.6	52.8	55.5
Working independently	78.9	78.2	84.3	84.6
Critical reasoning and problem solving	87.0	86.4	89.8	90.4
Using technology for problem solving	66.7	79.6	80.6	75.3
Understanding of how to conduct research and analysis	84.6	81.6	88.0	88.5
Understanding how to locate and manage information	79.7	83.7	75.9	86.8
Adopting an ethical framework	69.1	81.0	80.6	86.0
Understanding of diverse groups and cultures	78.0	75.5	71.3	85.7
Numerical/Quantitative Literacy	60.2	78.9	76.9	73.4

### Educational Activities

Did you ever engage in any of the following class activities while a student at CSUB? Please select all that apply.

	AH (n=123)	BPA (n=147)	NSM (n=108)	SSE (n=364)
	Percent	Percent	Percent	Percent
Service learning	10.6	10.9	14.8	14.3
Internship	13.8	21.1	34.3	22.0
Community-based learning	17.1	13.6	36.1	32.4
Research or creative activity with faculty outside the class	29.3	14.3	53.7	21.2
I did not engage in any of the above	15.4	22.4	5.6	11.3

**GRADUATE STUDENT RESPONSES BY SCHOOL**

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**Background**

Did you begin at CSUB as a graduate student, or as a transfer student?

	AH (n=9)	BPA (n=33)	NSM (n=6)	SSE (n=117)	INST (n=11)
	Percent	Percent	Percent	Percent	Percent
First-time graduate student	100.0	87.9	100.0	93.2	81.8
Transfer student	.0	12.1	.0	6.8	18.2

What is your race/ethnicity?

	AH (n=9)	BPA (n=33)	NSM (n=6)	SSE (n=117)	INST (n=11)
	Percent	Percent	Percent	Percent	Percent
African American	.0	12.1	.0	6.0	27.3
American Indian	11.1	.0	.0	.9	.0
Asian	.0	6.1	.0	.0	.0
Hispanic/Latino	.0	12.1	.0	2.6	9.1
Pacific Islander	.0	9.1	.0	26.5	9.1
White	77.8	42.4	50.0	55.6	45.5
Other/Decline to state	11.1	18.2	50.0	8.5	9.1

What is your age?

	AH (n=9)	BPA (n=33)	NSM (n=6)	SSE (n=117)	INST (n=11)
	Percent	Percent	Percent	Percent	Percent
18-23	.0	6.1	.0	.0	.0
24-29	44.4	36.4	.0	33.3	18.2
30-35	11.1	21.2	33.3	18.8	9.1
36-39	11.1	3.0	.0	10.3	.0
40-49	11.1	21.2	16.7	21.4	45.5
50+	22.2	6.1	33.3	15.4	18.2
Decline to state	.0	6.1	16.7	.9	9.1

What is your gender?

	AH (n=9)	BPA (n=33)	NSM (n=6)	SSE (n=117)	INST (n=11)
	Percent	Percent	Percent	Percent	Percent
Male	11.1	39.4	16.7	18.8	18.2
Female	88.9	54.5	66.7	79.5	72.7
Decline to state	.0	6.1	16.7	1.7	9.1

## Plans after Graduation

What do you plan to do after graduation? Select all that apply.

	AH (n=9)	BPA (n=33)	NSM (n=6)	SSE (n=117)	INST (n=11)
	Percent	Percent	Percent	Percent	Percent
Pursue employment	77.8	60.6	83.3	67.5	54.5
Start/raise a family	22.2	18.2	.0	23.1	18.2
Enter the military/armed services	.0	.0	.0	.0	.0
Pursue volunteer service	.0	6.1	.0	8.5	9.1
Pursue additional higher education	11.1	24.2	16.7	34.2	36.4
Pursue other activities than those listed above	.0	36.4	.0	29.9	45.5

Which of your future plans is most important? Select only one.

	AH (n=9)	BPA (n=33)	NSM (n=6)	SSE (n=117)	INST (n=11)
	Percent	Percent	Percent	Percent	Percent
Pursue employment	11.1	27.3	.0	6.0	9.1
Start/raise a family	11.1	12.1	.0	4.3	.0
Enter military/armed services	.0	.0	.0	.0	.0
Pursue volunteer service	.0	.0	.0	.9	.0
Pursue additional higher education	.0	3.0	.0	2.6	18.2
Other activities not listed above	.0	6.1	.0	6.0	.0
Decline to state	77.8	51.5	100.0	80.3	72.7

## Educational Experiences

To what extent do you think you acquired the following skills and knowledge through your studies at CSUB?

	AH (n=9)	BPA (n=33)	NSM (n=6)	SSE (n=117)	INST (n=11)
	Mean	Mean	Mean	Mean	Mean
Knowledge of your major discipline	3.7	3.6	3.8	3.6	3.6
Knowledge related to disciplines outside your major	2.6	2.7	2.3	2.7	3.3
Learning about careers	2.7	2.2	3.0	2.8	2.5
Working independently	3.2	3.1	3.5	3.5	3.5
Critical reasoning and problem solving	3.6	3.4	3.5	3.3	3.7
Using technology for problem solving	2.9	2.9	3.2	3.0	3.2
Understanding of how to conduct research and analysis	3.7	3.3	3.3	3.3	3.8
Understanding how to locate and manage information	3.3	3.2	3.3	3.4	3.5
Adopting an ethical framework	2.8	3.2	3.2	3.4	3.5
Understanding of diverse groups and cultures	3.1	3.1	2.5	3.5	2.9
Numerical/Quantitative Literacy	2.1	2.8	2.8	2.7	3.4

\*Scale: A great deal=4, A fair amount=3, A little=2, Not at all=1

To what extent do you think you acquired the following skills and knowledge through your studies at CSUB?  
Students who responded "a great deal" or "a fair amount"

	AH (n=9)	BPA (n=33)	NSM (n=6)	SSE (n=117)	INST (n=11)
	Percent	Percent	Percent	Percent	Percent
Knowledge of your major discipline	100.0	93.9	100.0	93.2	100.0
Knowledge related to disciplines outside your major	66.7	63.6	33.3	57.3	90.9
Learning about careers	66.7	33.3	66.7	62.4	54.5
Working independently	88.9	69.7	83.3	88.0	90.9
Critical reasoning and problem solving	100.0	78.8	100.0	82.9	100.0
Using technology for problem solving	66.7	63.6	66.7	70.1	81.8
Understanding how to conduct research and analysis	100.0	78.8	100.0	82.1	100.0
Understanding how to locate and manage information	88.9	72.7	100.0	85.5	90.9
Adopting an ethical framework	66.7	72.7	66.7	88.9	100.0
Understanding of diverse groups and cultures	88.9	69.7	50.0	88.9	81.8
Numerical/Quantitative Literacy	33.3	66.7	66.7	58.1	90.9

### Educational Activities

Did you ever engage in any of the following class activities while a student at CSUB? Please select all that apply.

	AH (n=9)	BPA (n=33)	NSM (n=6)	SSE (n=117)	INST (n=11)
	Percent	Percent	Percent	Percent	Percent
Service learning	11.1	9.1	.0	11.1	.0
Internship	11.1	12.1	.0	63.2	18.2
Community-based learning	11.1	12.1	33.3	30.8	.0
Research or creative activity with faculty outside the class	55.6	21.2	.0	43.6	27.3
I did not engage in any of the above	22.2	30.3	.0	7.7	27.3

**UNDERGRADUATE RESPONSES BY MATRICULATION TYPE**

---

**Background**

Did you begin at CSUB as a first-time  
freshman, or as a transfer student?  
(n=742)

	Percent
First-time student	31.8
Transfer student	68.2

What is your race/ethnicity?

	First-time student (n=236)	Transfer student (n=506)
	Percent	Percent
African American	5.5	6.3
American Indian	.4	1.4
Asian	4.2	4.9
Hispanic/Latino	18.2	9.9
Pacific Islander	25.8	19.0
White	33.5	45.3
Other/Decline to state	12.3	13.2

What is your age?

	First-time student (n=236)	Transfer student (n=506)
	Percent	Percent
18-23	75.4	25.5
24-29	18.2	39.9
30-35	1.7	14.0
36-39	.4	4.3
40-49	1.3	9.3
50+	.4	2.6
Decline to state	2.5	4.3

What is your gender?

	First-time student (n=236)	Transfer student (n=506)
	Percent	Percent
Male	27.5	29.2
Female	67.8	66.2
Decline to state	4.7	4.5

## Plans after Graduation

What do you plan to do after graduation? Select all that apply.

	First-time student (n=236)	Transfer student (n=506)
	Percent	Percent
Pursue employment	74.2	63.8
Start/raise a family	23.3	19.8
Enter the military/armed services	3.0	.8
Pursue volunteer service	9.7	7.7
Pursue additional higher education	65.3	68.6
Pursue other activities than those listed above	16.1	16.4

Which of your future plans is most important? Select only one.

	First-time student (n=236)	Transfer student (n=506)
	Percent	Percent
Pursue employment	17.8	16.0
Start/raise a family	5.1	3.6
Enter military/armed services	.8	.0
Pursue volunteer service	.0	.0
Pursue additional higher education	8.9	11.7
Other activities not listed above	1.3	1.6
Decline to state	66.1	67.2

## Educational Experiences

To what extent do you think you acquired the following skills and knowledge through your studies at CSUB?

	First-time student (n=236)	Transfer student (n=506)
	Mean	Mean
Knowledge of your major discipline	3.5	3.6
Knowledge related to disciplines outside your major	2.8	2.9
Learning about careers	2.6	2.7
Working independently	3.3	3.3
Critical reasoning and problem solving	3.4	3.4
Using technology for problem solving	3.1	3.1
Understanding of how to conduct research and analysis	3.4	3.4
Understanding how to locate and manage information	3.2	3.3
Adopting an ethical framework	3.2	3.3
Understanding of diverse groups and cultures	3.2	3.3
Numerical/Quantitative Literacy	2.9	3.0

\*Scale: A great deal=4, A fair amount=3, A little=2, Not at all=1



To what extent do you think you acquired the following skills and knowledge through your studies at CSUB? Students who responded "a great deal" or "fair amount"

	First-time student (n=236)	Transfer student (n=506)
	Percent	Percent
Knowledge of your major discipline	91.9	93.3
Knowledge related to disciplines outside your major	69.5	67.4
Learning about careers	50.4	54.0
Working independently	82.2	82.4
Critical reasoning and problem solving	89.0	88.9
Using technology for problem solving	74.2	76.1
Understanding of how to conduct research and analysis	85.6	86.8
Understanding how to locate and manage information	80.9	84.6
Adopting an ethical framework	80.1	82.0
Understanding of diverse groups and cultures	79.7	80.6
Numerical/Quantitative Literacy	71.6	73.3

### Educational Activities

Did you ever engage in any of the following class activities while a student at CSUB? Please select all that apply.

	First-time student (n=236)	Transfer student (n=506)
	Percent	Percent
Service learning	15.3	12.1
Internship	29.2	19.0
Community-based learning	27.5	26.3
Research or creative activity with faculty outside the class	29.7	24.1
I did not engage in any of the above	11.9	14.0

**GRADUATE STUDENT RESPONSES BY MATRICULATION TYPE**

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**Background**

Did you begin at CSUB as a graduate student, or as a transfer student? (n=176)

	Percent
First-time graduate student	92.0
Transfer student	8.0

What is your race/ethnicity?

	First-time student (n=162)	Transfer student (n=14)
	Percent	Percent
African American	8.0	7.1
American Indian	.6	7.1
Asian	1.2	.0
Hispanic/Latino	4.3	7.1
Pacific Islander	21.0	7.1
White	52.5	64.3
Other/Decline to state	12.3	7.1

What is your age?

	First-time student (n=162)	Transfer student (n=14)
	Percent	Percent
18-23	1.2	.0
24-29	32.7	28.6
30-35	19.1	14.3
36-39	7.4	14.3
40-49	22.2	21.4
50+	14.2	21.4
Decline to state	3.1	.0

What is your gender?

	First-time student (n=162)	Transfer student (n=14)
	Percent	Percent
Male	22.8	14.3
Female	73.5	85.7
Decline to state	3.7	.0

## Plans after Graduation

What do you plan to do after graduation? Select all that apply.

	First-time student (n=162)	Transfer student (n=14)
	Percent	Percent
Pursue employment	65.4	78.6
Start/raise a family	21.6	14.3
Enter the military/armed services	.0	.0
Pursue volunteer service	7.4	7.1
Pursue additional higher education	31.5	21.4
Pursue other activities than those listed above	30.2	21.4

Which of your future plans is most important? Select only one.

	First-time student (n=162)	Transfer student (n=14)
	Percent	Percent
Pursue employment	9.3	21.4
Start/raise a family	6.2	.0
Enter military/armed services	.0	.0
Pursue volunteer service	.6	.0
Pursue additional higher education	3.1	7.1
Other activities not listed above	4.9	7.1
Decline to state	75.9	64.3

## Educational Experiences

To what extent do you think you acquired the following skills and knowledge through your studies at CSUB?

	First-time student (n=162)	Transfer student (n=14)
	Mean	Mean
Knowledge of your major discipline	3.6	3.8
Knowledge related to disciplines outside your major	2.7	2.6
Learning about careers	2.7	2.6
Working independently	3.4	3.3
Critical reasoning and problem solving	3.3	3.4
Using technology for problem solving	3.0	3.1
Understanding of how to conduct research and analysis	3.4	3.4
Understanding how to locate and manage information	3.3	3.2
Adopting an ethical framework	3.3	3.3
Understanding of diverse groups and cultures	3.3	3.4
Numerical/Quantitative Literacy	2.7	3.1

\*Scale: A great deal=4, A fair amount=3, A little=2, Not at all=1

To what extent do you think you acquired the following skills and knowledge through your studies at CSUB? Students who responded "a great deal" or "a fair amount"

	First-time student (n=162)	Transfer student (n=14)
	Percent	Percent
Knowledge of your major discipline	93.8	100.0
Knowledge related to disciplines outside your major	60.5	57.1
Learning about careers	55.6	71.4
Working independently	85.2	78.6
Critical reasoning and problem solving	84.0	92.9
Using technology for problem solving	69.1	71.4
Understanding of how to conduct research and analysis	83.3	92.9
Understanding how to locate and manage information	84.0	85.7
Adopting an ethical framework	84.6	85.7
Understanding of diverse groups and cultures	82.7	92.9
Numerical/Quantitative Literacy	59.3	78.6

### Educational Activities

Did you ever engage in any of the following class activities while a student at CSUB? Please select all that apply.

	First-time student (n=162)	Transfer student (n=14)
	Percent	Percent
Service learning	9.3	14.3
Internship	46.3	42.9
Community-based learning	22.8	42.9
Research or creative activity with faculty outside the class	36.4	50.0
I did not engage in any of the above	14.2	7.1

## Appendix B

### “STUDENT PERCEPTIONS” QUESTIONNAIRE

#### WELCOME

Congratulations on your impending graduation from CSUB! Your satisfaction and evaluation of your experiences at CSUB are important to us. Please take a moment to complete this survey. Your answers will assist us in improving the educational experience for all students.

We greatly appreciate your time and input.

#### YOUR DEGREE

**\*1. Which degree have you earned?**

- Bachelors/Undergraduate
- Masters/Graduate

#### GRADUATE STUDENTS

**2. Did you begin at CSUB as a graduate student, or as a transfer student?**

- I began CSUB as a graduate student
- I transferred to CSUB as a graduate student from another college.

#### UNDERGRADUATE STUDENTS

**\*3. Did you begin at CSUB as a first-time freshman, or as a transfer student?**

- I began CSUB as a freshman.
- I transferred to CSUB from another college.

## PLANS AFTER GRADUATION

**\*4. What do you plan to do after graduation? Select all that apply.**

- Pursue employment
- Start/raise a family
- Enter the military/armed services
- Pursue volunteer service
- Pursue additional higher education
- Pursue other activities than those listed above

**\*5. Which of your future plans is most important? Select only one.**

- Pursue employment
- Start/raise a family
- Enter military/armed services
- Pursue volunteer service
- Pursue additional higher education
- Other activities not listed above
- Decline to state

**Note:** Question #5 was added to the Summer 2009-Winter 2010 "Student Perception" Survey and the phrase "after graduation" was omitted from the ending of each choice for the Fall 2009-Winter 2010 "Student Perception" Survey

## EDUCATIONAL EXPERIENCES

Please select the answer that best describes your educational experience at CSUB.

**6. To what extent do you think you acquired the following skills and knowledge through your studies at CSUB?**

	A great deal	A fair amount	A little	Not at all	Decline to state
Knowledge of your major discipline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge related to disciplines outside your major	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Learning about careers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working independently	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Critical reasoning and problem solving	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using technology for problem solving	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding of how to conduct research and analysis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding how to locate and manage information	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Adopting an ethical framework	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Understanding of diverse groups and cultures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Numerical/Quantitative Literacy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## EDUCATIONAL ACTIVITIES

**\*7. Did you ever engage in any of the following class activities while a student at CSUB?**

**Please select all that apply.**

- Service learning (an organized service activity such as neighborhood clean up, graffiti removal, grant and/or evaluation writing)
- Internship (short-term, supervised work experience)
- Community-based learning (observing/reflecting upon a "community", such as classroom observation, sometimes called "field education")
- Research or creative activity with faculty outside the classroom
- I did not engage in any of the above

**Note:** Descriptions for class activities were added to the Summer 2009-Winter 2010 "Student Perception" Survey and 'I did not engage in any of the above' was added as a choice for the Fall 2009-Winter 2010 "Student Perception" Survey

## ABOUT YOU

Please select the answers that best describe you.

**\*8. What is your race/ethnicity?**

- African American
- American Indian
- Asian
- Hispanic/Latino
- Pacific Islander
- White
- Other/Decline to state

**\*9. What is your age?**

- 18-23
- 24-29
- 30-35
- 36-39
- 40-49
- 50+
- Decline to state

**\*10. What is your gender?**

- Male
- Female
- Decline to state