Physics and Astronomy Alumni Survey

Description:
Date Created: 7/3/2017 5:16:28 PM
Date Range: 7/24/2017 9:00:00 AM - 8/28/2017 11:59:00 PM
Total Respondents: 13

Q1. Your individual responses will be held in the strictest confidence. In addition, all analysis and reporting generated from the data we collect will be based solely on aggregate statistics. Furthermore, providing your feedback could earn you a chance to receive a Sacramento State souvenir! However, if we don't know who you are, you can't win, so please provide the following information: (Optional)

Count	Respondent %	Response %		
10	100.00%	33.33%		First name:
10	100.00%	33.33%		Last name:
10	100.00%	33.33%		E-mail address:
10	Respondents			
30	Responses			

Q2. Among the following factors, which ONE was the MOST important in selecting your major?

Count	Percent		
2	15.38%		I enjoyed a course I had related to the major.
1	7.69%		I thought it would prepare me for a career in the field.
8	61.54%		I had always been interested in studying the major.
0	0.00%		I heard good things from peers about the major.
2	15.38%		My coursework at a community college led me to the major.
0	0.00%		I was impressed with the faculty in the major at Sacramento State.
13	Respondents		

Q3. Please indicate your level of satisfaction with the following: - The quality of faculty instruction you received in your major courses

Count	Percent		
5	38.46%		Very satisfied
6	46.15%		Somewhat satisfied
1	7.69%		Neutral
1	7.69%		Somewhat dissatisfied
0	0.00%		Very dissatisfied
13	Respondents		

Q4. Please indicate your level of satisfaction with the following: - The quality of the courses you took in your major

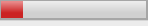| Count	Percent		
7	53.85%		Very satisfied
5	38.46%		Somewhat satisfied
0	0.00%		Neutral
1	7.69%		Somewhat dissatisfied
0	0.00%		Very dissatisfied
13	Respondents		

Q5. Please indicate your level of satisfaction with the following: - The intellectual challenge you received in the major

Count	Percent		
9	69.23%		Very satisfied
1	7.69%		Somewhat satisfied
2	15.38%		Neutral
1	7.69%		Somewhat dissatisfied
0	0.00%		Very dissatisfied
13	Respondents		

Q6. Please indicate your level of satisfaction with the following: - The ability of the department to schedule classes that would allow you to graduate within a reasonable period of time

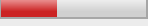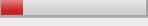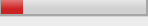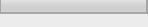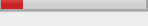| Count	Percent		
6	46.15%		Very satisfied
3	23.08%		Somewhat satisfied
0	0.00%		Neutral
3	23.08%		Somewhat dissatisfied
1	7.69%		Very dissatisfied
13	Respondents		

Q7. Please indicate your level of satisfaction with the following: - Your overall experience in the major

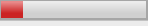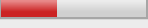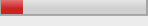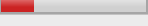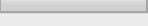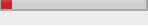| Count	Percent		
7	53.85%		Very satisfied
5	38.46%		Somewhat satisfied
0	0.00%		Neutral
1	7.69%		Somewhat dissatisfied
0	0.00%		Very dissatisfied
13	Respondents		

Q8. Please indicate your level of satisfaction with the following: - The level of preparation you received from the major in relation to succeeding in the world after college

Count	Percent		
6	46.15%		Very satisfied
4	30.77%		Somewhat satisfied
1	7.69%		Neutral
1	7.69%		Somewhat dissatisfied
1	7.69%		Very dissatisfied
13	Respondents		

Q9. Please indicate how well the curriculum in your program provided you with the following: - The discipline-specific skills needed to succeed in your chosen field

Count	Percent		
2	15.38%		Exceptionally well
5	38.46%		More than adequately
2	15.38%		Adequately
2	15.38%		Less than adequately
0	0.00%		Not at all
2	15.38%		Not applicable
13	Respondents		

Q10. Please indicate how well the curriculum in your program provided you with the following: - Understanding of the methods and practices of the profession

Count	Percent		
2	15.38%		Exceptionally well
5	38.46%		More than adequately
2	15.38%		Adequately
3	23.08%		Less than adequately
0	0.00%		Not at all
1	7.69%		Not applicable
13	Respondents		

Q11. To what extent did your major help you develop the following types of knowledge and proficiencies? - Careful reading (Reading is "the process of simultaneously extracting and constructing meaning through interaction and involvement with written language.")

Count	Percent		
4	30.77%		Considerably
6	46.15%		Sufficiently
2	15.38%		Somewhat
1	7.69%		Very little
13	Respondents		

Q12. To what extent did your major help you develop the following types of knowledge and proficiencies? - Critical thinking (Critical thinking is the intellectually disciplined process of actively and skillfully conceptualizing, applying, analyzing, synthesizing, and/or evaluating information gathered from, or generated by, observation, experience, reflection, reasoning, or communication, as a guide to belief and action.)

Count	Percent		
10	76.92%		Considerably
2	15.38%		Sufficiently
0	0.00%		Somewhat
1	7.69%		Very little
13	Respondents		

Q13. To what extent did your major help you develop the following types of knowledge and proficiencies? - Creative thinking (Creative thinking is both the capacity to combine or synthesize existing ideas, images, or expertise in original ways and the experience of thinking, reacting, and working in an imaginative way characterized by a high degree of innovation, divergent thinking, and risk taking.)

Count	Percent		
6	46.15%		Considerably
4	30.77%		Sufficiently
3	23.08%		Somewhat
0	0.00%		Very little
13	Respondents		

Q14. To what extent did your major help you develop the following types of knowledge and proficiencies? - Understanding and using quantitative information (Quantitative Literacy or Quantitative Reasoning is a competency and comfort in working with numerical data. Individuals with strong quantitative skills possess the ability to reason and solve quantitative problems from a wide array of contexts and situations. They understand and can create sophisticated arguments supported by quantitative evidence and they can clearly communicate those arguments in a variety of formats [using words, tables, graphs, mathematical equations, etc.])

Count	Percent		
9	69.23%		Considerably
2	15.38%		Sufficiently
2	15.38%		Somewhat
0	0.00%		Very little
13	Respondents		

Q15. To what extent did your major help you develop the following types of knowledge and proficiencies? - Information literacy and research skills (Information literacy is a set of abilities requiring individuals to "recognize when information is needed and have the ability to locate, evaluate, and use effectively the needed information.")

Count	Percent		
5	38.46%		Considerably
6	46.15%		Sufficiently
0	0.00%		Somewhat
2	15.38%		Very little
13	Respondents		

Q16. To what extent did your major help you develop the following types of knowledge and proficiencies? - Effective writing (Effective written communication is the development and expression of ideas in writing.)

Count	Percent		
2	15.38%		Considerably
6	46.15%		Sufficiently
3	23.08%		Somewhat
2	15.38%		Very little
13	Respondents		

Q17. To what extent did your major help you develop the following types of knowledge and proficiencies? - Effective oral communication (Oral communication is a prepared, purposeful presentation designed to increase knowledge, to foster understanding, or to promote change in the listeners' attitudes, values, beliefs, or behaviors.)

Count	Percent		
2	15.38%		Considerably
3	23.08%		Sufficiently
6	46.15%		Somewhat
2	15.38%		Very little
13	Respondents		

Q18. To what extent did your major help you develop the following types of knowledge and proficiencies? - Teamwork (Teamwork is behaviors under the control of individual team members [effort they put into team tasks, their manner of interacting with others on team, and the quantity and quality of contributions they make to team discussions].)

Count	Percent		
6	46.15%		Considerably
4	30.77%		Sufficiently
2	15.38%		Somewhat
1	7.69%		Very little
13	Respondents		

Q19. To what extent did your major help you develop the following types of knowledge and proficiencies? - Problem-solving (Problem solving is the process of designing, evaluating and implementing a strategy to answer an open-ended question or achieve a desired goal.)

Count	Percent		
10	76.92%		Considerably
2	15.38%		Sufficiently
1	7.69%		Somewhat
0	0.00%		Very little
13	Respondents		

Q20. To what extent did your major help you develop the following types of knowledge and proficiencies? - Ethical reasoning and action (Ethical reasoning is reasoning about right and wrong human conduct. It requires students to be able to assess their own ethical values and the social context of problems, recognize ethical issues in a variety of settings, think about how different ethical perspectives might be applied to ethical dilemmas and consider the ramifications of alternative actions.)

Count	Percent		
2	15.38%		Considerably
3	23.08%		Sufficiently
4	30.77%		Somewhat
4	30.77%		Very little
13	Respondents		

Q21. To what extent did your major help you develop the following types of knowledge and proficiencies? - Civic knowledge and engagement (Civic engagement is "working to make a difference in the civic life of our communities and developing the combination of knowledge, skills, values, and motivation to make that difference. It means promoting the quality of life in a community, through both political and non-political processes." In addition, civic engagement encompasses actions wherein individuals participate in activities of personal and public concern that are both individually life enriching and socially beneficial to the community.)

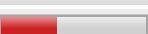| Count	Percent		
1	7.69%		Considerably
4	30.77%		Sufficiently
1	7.69%		Somewhat
7	53.85%		Very little
13	Respondents		

Q22. To what extent did your major help you develop the following types of knowledge and proficiencies? - Intercultural knowledge and competence (Intercultural knowledge and competence is "a set of cognitive, affective, and behavioral skills and characteristics that support effective and appropriate interaction in a variety of cultural contexts.")

Count	Percent		
0	0.00%		Considerably
2	15.38%		Sufficiently
5	38.46%		Somewhat
6	46.15%		Very little
13	Respondents		

Q23. To what extent did your major help you develop the following types of knowledge and proficiencies? - Foundations and skills for lifelong learning (Lifelong learning is "all purposeful learning activity, undertaken on an ongoing basis with the aim of improving knowledge, skills, and competence.")

Count	Percent		
7	53.85%		Considerably
3	23.08%		Sufficiently
2	15.38%		Somewhat
1	7.69%		Very little
13	Respondents		

Q24. To what extent did your major help you develop the following types of knowledge and proficiencies? - The ability to integrate or connect ideas or information (Integrative learning is an understanding and a disposition that a student builds across the curriculum and co-curriculum, from making simple connections among ideas and experiences to synthesizing and transferring learning to new, complex situations within and beyond the campus.)

Count	Percent		
7	53.85%		Considerably
4	30.77%		Sufficiently
0	0.00%		Somewhat
2	15.38%		Very little
13	Respondents		
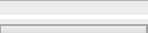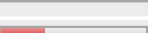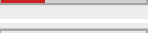
Q25. To what extent did your major help you develop the following types of knowledge and proficiencies? - Technical Skills (Technical skills means the useful "hands on" skills that you acquired during your studies. They include electronic, mechanical, computer, and general laboratory skills).

Count	Percent		
11	84.62%		Considerably
1	7.69%		Sufficiently
1	7.69%		Somewhat
0	0.00%		Very little
13	Respondents		

Q26. To what extent did your major help you develop the following types of knowledge and proficiencies? - The ability to apply your knowledge to new situations or problems

Count	Percent		
9	69.23%		Considerably
2	15.38%		Sufficiently
2	15.38%		Somewhat
0	0.00%		Very little
13	Respondents		

Q27. Which of the following best describes your current primary activity?

Count	Percent		
5	38.46%		Employed full-time
1	7.69%		Employed part-time
2	15.38%		Graduate/professional school full time
1	7.69%		Graduate/professional school part time
0	0.00%		Military service
4	30.77%		Not employed, seeking employment, admission to graduate school, or other opportunity
0	0.00%		Not employed by choice (homemaker, volunteer, traveling, etc.)
13	Respondents		

Q28. Which of the following best describes your career path since graduation? (Check all that apply)

Count	Respondent %	Response %	
6	46.15%	35.29%	Work in the private sector
0	0.00%	0.00%	Work in not-for-profit sector
4	30.77%	23.53%	Work in public sector "local, state, or federal government"
6	46.15%	35.29%	Graduate school
1	7.69%	5.88%	Career training or other instruction (non-graduate school)
0	0.00%	0.00%	None of the above
13	Respondents		
17	Responses		

Q29. How important to your current employer is your undergraduate degree?

Count	Percent	
6	46.15%	Very important
1	7.69%	Somewhat important
3	23.08%	Only slightly important
1	7.69%	Not important at all
2	15.38%	Not applicable
13	Respondents	
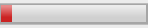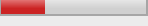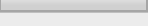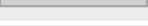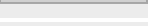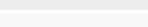
Q30. My current job: (Check all that apply)

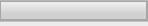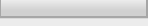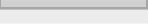| Count	Respondent %	Response %	
6	46.15%	9.68%	Is related to my undergraduate major
10	76.92%	16.13%	Uses important skills I gained during college
6	46.15%	9.68%	Is related to my desired career path
8	61.54%	12.90%	Is work I find meaningful
8	61.54%	12.90%	Allows me to continue to grow and learn
7	53.85%	11.29%	Pays enough to support my desired lifestyle
7	53.85%	11.29%	Pays health insurance benefits
8	61.54%	12.90%	Is likely to continue until I wish to leave
2	15.38%	3.23%	Not applicable
13	Respondents		
62	Responses		
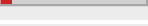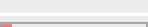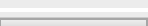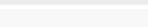
Q31. What is your gender?

Count	Percent	
2	15.38%	Female
11	84.62%	Male
0	0.00%	Prefer not to say
13	Respondents	

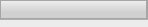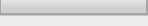## Q32. What is your age?

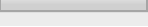| Count	Percent		
1	7.69%		20 - 24
7	53.85%		25 - 29
4	30.77%		30 - 34
0	0.00%		35 - 39
0	0.00%		40 - 44
0	0.00%		45 - 49
1	7.69%		50 or above
0	0.00%		Prefer not to say
13	Respondents		

Q33. What is your racial/ethnic identity?

Count	Percent		
0	0.00%		African American/Black, non-Hispanic
0	0.00%		Native American or Alaska Native
10	76.92%		Caucasian/White
0	0.00%		Mexican/Hispanic/Latino
1	7.69%		Asian
1	7.69%		Pacific Islander/Native Hawaiian
0	0.00%		Foreign/Nonresident Alien
1	7.69%		Other/multiracial
0	0.00%		Prefer not to say
13	Respondents		

Q34. Which of the following best describes you in relation to the degree(s) you received from Sacramento State?

Count	Percent		
13	100.00%		I received a Bachelor's degree only.
0	0.00%		I received a Master's degree only.
0	0.00%		I received both a Bachelor's and Master's degree.
0	0.00%		I do not have a degree from Sacramento State.
13	Respondents		

Q35. In what year did you receive your Bachelor's degree?

Count	Percent		
2	16.67%		2012
5	41.67%		2013
1	8.33%		2014
2	16.67%		2015
2	16.67%		2016
12	Respondents		

Q36. In what year did you receive your Master's degree?

Count	Percent		
0	0.00%		2012
0	0.00%		2013
0	0.00%		2014
0	0.00%		2015
0	0.00%		2016
0	Respondents		

Q37. What would you consider as the main strength of your physics education at Sacramento State?

Count	Percent	
12	100.00%	
12	Respondents	

Q38. What would you consider as the main weakness of your physics education at Sacramento State?

Count	Percent	
11	100.00%	
11	Respondents	

Q39. What did you feel was most lacking in your physics background as you started working?

Count	Percent	
11	100.00%	
11	Respondents	

Q40. The Department of Physics and Astronomy is always looking for ways to improve the experiences of its students. Your response on this survey is much appreciated and will help us continue to improve. But we know that a simple survey may not address everything that is on your mind. Use the space below to share with us anything that you believe we could do improve our program or to point out things that you think could be expanded because of the positive influence. Please be honest and open, we're big kids and we can take it. Thank you again.

Count	Percent	
9	100.00%	
9	Respondents	