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Oklahoma State University

University Assessment and Testing

2012 Graduate Student Satisfaction Survey

Survey Report –Chemical Engineering

This survey targeted current graduate students at Oklahoma State University. The survey was administered online by the Office of University Assessment and Testing from February 2012 through May 2012. UAT prepared this report; departments may request additional analysis by contacting UAT.

Survey Questions

Respondents were asked 59 questions. These questions generally pertained to background information, program satisfaction, time to degree, financial support, satisfaction with university services, diversity, student government, career plans, and overall satisfaction.

Target Population / Response Rate – Chemical Engineering

	Degree Program:		
	<u>Master's</u>	<u>Doctorate</u>	<u>Total</u>
Number of graduates	22	25	47
Number of survey respondents	14	10	24
Response rate	63.6%	40.0%	51.1%

Background Information

Q1. When did you officially begin enrollment in your degree program?*	Master's		Doctorate	
	n	%	n	%
2004 or earlier	0	0.0	0	0.0
2005	0	0.0	0	0.0
2006	0	0.0	0	0.0
2007	0	0.0	4	30.8
2008	0	0.0	0	0.0
2009	2	20.0	7	53.8
2010	4	40.0	1	7.7
2011	4	40.0	0	0.0
prefer not to answer	0	0.0	1	7.7

Q2. Among the graduate schools that you considered, was OSU your:	Master's		Doctorate	
	n	%	n	%
first choice	5	50.0	5	38.5
second choice	1	10.0	5	38.5
third or lower choice	2	20.0	2	15.4
prefer not to answer	2	20.0	1	7.7

Q3. Did you pursue your graduate of OSU primarily part-time or full-time?	Master's		Doctorate	
	n	%	n	%
part-time	1	10.0	0	0.0
full-time	9	90.0	13	100.0
prefer not to answer	0	0.0	0	0.0

Graduate Program Satisfaction

To what extent do you agree or disagree with the following statements?

Q4. The courses I took were taught well.	Master's		Doctorate	
	n	%	n	%
strongly disagree	0	0.0	0	0.0
disagree	0	0.0	1	8.3
agree	7	87.5	6	50.0
strongly agree	1	12.5	5	41.7
n/a or don't know	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0



Q5. There is good communication between faculty and students regarding student needs, concerns, and suggestions.	Master's		Doctorate	
	n	%	n	%
strongly disagree	0	0.0	0	0.0
disagree	0	0.0	1	8.3
agree	6	66.7	7	58.3
strongly agree	3	33.3	4	33.3
n/a or don't know	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q6. There are many opportunities outside the classroom for interaction between students and faculty..	Master's		Doctorate	
	n	%	n	%
strongly disagree	0	0.0	1	8.3
disagree	0	0.0	1	8.3
agree	6	66.7	6	50.0
strongly agree	1	11.1	4	33.3
n/a or don't know	2	22.2	0	0.0
prefer not to answer	0	0.0	0	0.0

Q7. Faculty in my department are interested in the professional development of graduate students.	Master's		Doctorate	
	n	%	n	%
strongly disagree	0	0.0	0	0.0
disagree	1	11.1	2	16.7
agree	6	66.7	4	33.3
strongly agree	2	22.2	6	50.0
n/a or don't know	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q8. Faculty in my department are helpful and supportive in my search for professional development.	Master's		Doctorate	
	n	%	n	%
strongly disagree	0	0.0	0	0.0
disagree	2	22.2	2	16.7
agree	5	55.6	6	50.0
strongly agree	2	22.2	4	33.3
n/a or don't know	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0



Q9. Faculty in my department are well qualified to teach their courses.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
strongly disagree	0	0.0	0	0.0
disagree	1	11.1	3	25.0
agree	5	55.6	5	41.7
strongly agree	3	33.3	4	33.3
n/a or don't know	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q10. Faculty in my department are willing to meet with me to discuss my academic performance.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
strongly disagree	0	0.0	0	0.0
disagree	1	11.1	0	0.0
agree	5	55.6	6	50.0
strongly agree	2	22.2	6	50.0
n/a or don't know	1	11.1	0	0.0
prefer not to answer	0	0.0	0	0.0

To what extent do you agree or disagree with the following statements about students in your graduate program?

Q11. The intellectual caliber of students in my program is high.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
strongly disagree	0	0.0	1	8.3
disagree	0	0.0	2	16.7
agree	6	66.7	6	50.0
strongly agree	1	11.1	3	25.0
n/a or don't know	2	22.2	0	0.0
prefer not to answer	0	0.0	0	0.0



Q12. My program encourages student collaboration and teamwork.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
strongly disagree	1	10.0	1	8.3
disagree	3	30.0	1	8.3
agree	2	20.0	5	41.7
strongly agree	3	30.0	5	41.7
n/a or don't know	1	10.0	0	0.0
prefer not to answer	0	0.0	0	0.0

To what extent do you agree or disagree with the following statements about academics in your graduate program?

Q13. My program has high academic standards.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
strongly disagree	0	0.0	0	0.0
disagree	0	0.0	2	16.7
agree	5	50.0	7	58.3
strongly agree	4	40.0	3	25.0
n/a or don't know	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q14. My program integrates current developments in my field.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
strongly disagree	0	0.0	0	0.0
disagree	0	0.0	2	16.7
agree	5	50.0	7	58.3
strongly agree	3	30.0	3	25.0
n/a or don't know	2	20.0	0	0.0
prefer not to answer	0	0.0	0	0.0



Q15. My program prepared me well for my profession.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
strongly disagree	0	0.0	0	0.0
disagree	0	0.0	1	8.3
agree	5	55.6	6	50.0
strongly agree	2	22.2	5	41.7
n/a or don't know	0	0.0	0	0.0
prefer not to answer	2	22.2	0	0.0

Q16. My program was intellectually challenging and stimulating.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
strongly disagree	0	0.0	0	0.0
disagree	0	0.0	3	25.0
agree	4	40.0	4	33.3
strongly agree	5	50.0	5	41.7
n/a or don't know	0	0.0	0	0.0
prefer not to answer	1	10.0	0	0.0

Q17. I would recommend my graduate program to prospective students.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
strongly disagree	0	0.0	0	0.0
disagree	0	0.0	3	25.0
agree	3	30.0	4	33.3
strongly agree	4	40.0	5	41.7
n/a or don't know	1	10.0	0	0.0
prefer not to answer	2	20.0	0	0.0

Q18. If I were starting over, I would enroll in this program again.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
strongly disagree	0	0.0	0	0.0
disagree	0	0.0	2	16.7
agree	6	60.0	7	58.3
strongly agree	2	20.0	2	16.7
n/a or don't know	0	0.0	1	8.3
prefer not to answer	2	20.0	0	0.0



Time to Degree

Q19. Will the amount of time needed for you to graduate be...	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
less than originally expected	1	10.0	1	8.3
about the same as originally expected	6	60.0	9	75.0
more than originally expected	2	20.0	2	16.7
I am not planning on graduating	0	0.0	0	0.0
unsure	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

*Questions 20-31 were only asked of individuals who indicated that their time to degree was “more than originally expected”. Note: responses are not reported since $n < 3$.

To what extent did the following academic reasons prevent you from progressing in your program as expected?

Q20. Lack of course availability.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
not at all	0	0.0	0	0.0
a little	0	0.0	0	0.0
a fair amount	0	0.0	0	0.0
a great deal	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q21. Inadequate advising.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
not at all	0	0.0	0	0.0
a little	0	0.0	0	0.0
a fair amount	0	0.0	0	0.0
a great deal	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0



Q22. Difficulty completing comprehensive/qualifying exams.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
not at all	0	0.0	0	0.0
a little	0	0.0	0	0.0
a fair amount	0	0.0	0	0.0
a great deal	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q23. Difficulty in my project, thesis, or dissertation research.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
not at all	0	0.0	0	0.0
a little	0	0.0	0	0.0
a fair amount	0	0.0	0	0.0
a great deal	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q24. Difficulty in completing coursework.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
not at all	0	0.0	0	0.0
a little	0	0.0	0	0.0
a fair amount	0	0.0	0	0.0
a great deal	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q25. Difficulty in fulfilling other degree requirements.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
not at all	0	0.0	0	0.0
a little	0	0.0	0	0.0
a fair amount	0	0.0	0	0.0
a great deal	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0



To what extent did the following personal/family reasons prevent you from progressing in your degree program as expected?

Q26 Finances.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
not at all	0	0.0	0	0.0
a little	0	0.0	0	0.0
a fair amount	0	0.0	0	0.0
a great deal	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q27. Demands of my employment.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
not at all	0	0.0	0	0.0
a little	0	0.0	0	0.0
a fair amount	0	0.0	0	0.0
a great deal	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q28. Military deployment.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
not at all	0	0.0	0	0.0
a little	0	0.0	0	0.0
a fair amount	0	0.0	0	0.0
a great deal	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q29. Self/family responsibilities (health, birth, child care, elderly care, etc).	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
not at all	0	0.0	0	0.0
a little	0	0.0	0	0.0
a fair amount	0	0.0	0	0.0
a great deal	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0



Q30. Other reasons, please specify...

Responses not reported since n < 3

Q31. Of all the reasons you have selected what was the MOST IMPORTANT REASON that prevented you from progressing in your degree program as expected?

Responses not reported since n < 3.

Please rate the quality of preparation provided by your program in the following areas:

Q32. Academic advising.	Master's		Doctorate	
	n	%	n	%
poor	0	0.0	2	16.7
below average	0	0.0	0	0.0
average	5	55.6	4	33.3
above average	1	11.1	3	25.0
excellent	2	22.2	3	25.0
not applicable	0	0.0	0	0.0
prefer not to answer	1	11.1	0	0.0

Q33. Career counseling.	Master's		Doctorate	
	n	%	n	%
poor	0	0.0	1	8.3
below average	1	11.1	1	8.3
average	1	11.1	6	50.0
above average	2	22.2	1	8.3
excellent	2	22.2	2	16.7
not applicable	1	11.1	0	0.0
prefer not to answer	2	22.2	1	8.3



Q34. Mentoring.	Master's		Doctorate	
	n	%	n	%
poor	1	11.1	2	16.7
below average	0	0.0	0	0.0
average	2	22.2	5	41.7
above average	2	22.2	3	25.0
excellent	1	11.1	2	16.7
not applicable	1	11.1	0	0.0
prefer not to answer	2	22.2	0	0.0

Q35. Financial support.	Master's		Doctorate	
	n	%	n	%
poor	0	0.0	1	9.1
below average	1	11.1	1	9.1
average	3	33.3	3	27.3
above average	1	11.1	6	54.5
excellent	0	0.0	0	0.0
not applicable	0	0.0	0	0.0
prefer not to answer	4	44.4	0	0.0

Q36. Work/lab space on campus.	Master's		Doctorate	
	n	%	n	%
poor	0	0.0	0	0.0
below average	1	11.1	4	33.3
average	4	44.4	3	25.0
above average	3	33.3	2	16.7
excellent	1	11.1	3	25.0
not applicable	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0



Q37. Social space on campus.	Master's		Doctorate	
	n	%	n	%
poor	1	11.1	0	0.0
below average	0	0.0	0	0.0
average	3	33.3	6	54.5
above average	2	22.2	2	18.2
excellent	1	11.1	3	27.3
not applicable	2	22.2	0	0.0
prefer not to answer	0	0.0	0	0.0

Q38. Discipline specific software and equipment.	Master's		Doctorate	
	n	%	n	%
poor	1	11.1	0	0.0
below average	1	11.1	1	8.3
average	3	33.3	4	33.3
above average	2	22.2	5	41.7
excellent	2	22.2	2	16.7
not applicable	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q39. Diversity of student population.	Master's		Doctorate	
	n	%	n	%
poor	1	11.1	0	0.0
below average	0	0.0	1	8.3
average	2	22.2	5	41.7
above average	4	44.4	5	41.7
excellent	2	22.2	1	8.3
not applicable	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0



Q40. Preparation for non-academic careers.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
poor	0	0.0	0	0.0
below average	0	0.0	1	8.3
average	3	33.3	6	50.0
above average	2	22.2	4	33.3
excellent	0	0.0	1	8.3
not applicable	2	22.2	0	0.0
prefer not to answer	2	22.2	0	0.0

Financial Support

Q41. Percentage receiving support from the following OSU sources:	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
teaching assistantship	7	70.0	8	57.1
research assistantship	5	50.0	11	78.6
fellowship	0	0.0	5	35.7
scholarship	1	10.0	2	14.3
did not apply	1	10.0	0	0.0
applied but did not obtain	1	10.0	0	0.0

Q42. While enrolled, how often did you work for pay.	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
not at all	2	22.2	3	27.3
a few semesters	2	22.2	1	9.1
most semesters	4	44.4	6	54.5
prefer not to answer	1	11.1	1	9.1

Q43. If you worked on-campus (other than assistantship) did you work....	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
part-time	4	66.7	7	77.8
full-time	0	0.0	1	11.1
prefer not to answer	2	33.3	1	11.1



Q44. If you worked off-campus did you work....	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
part-time	0	0.0	2	40.0
full-time	0	0.0	0	0.0
prefer not to answer	4	100.0	3	60.0

Q45. Percentage who indicated the following as primary sources of funding for graduate studies:	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
assistantship, fellowship, or scholarship	6	60.0	12	85.7
financial aid (need based)	0	0.0	0	0.0
personal/family funding	4	40.0	4	28.6
off-campus employment	0	0.0	2	14.3
student loans	0	0.0	0	0.0
military/veterans pay	0	0.0	0	0.0
OSU faculty/staff tuition and fee waivers	1	10.0	3	21.4
employer tuition support/benefits	0	0.0	0	0.0

Q46. What is your approximate level of indebtedness related to your graduate studies at OSU?	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
none	2	22.2	2	16.7
\$5,000 or less	1	11.1	3	25.0
\$5,001 – 10,000	1	11.1	4	33.3
\$10,001 – 15,000	0	0.0	1	8.3
\$15,001 – 20,000	0	0.0	1	8.3
\$20,001 – 25,000	1	11.1	0	0.0
\$25,001 – 30,000	1	11.1	0	0.0
more than \$30,000	1	11.1	1	8.3
prefer not to answer	2	22.2	0	0.0



Satisfaction with University Services

Q47. Not including library resources, how satisfied are you with the research resources such as facilities, equipment, and lab space?	Master's		Doctorate	
	n	%	n	%
very satisfied	3	33.3	3	25.0
generally satisfied	4	44.4	6	50.0
generally dissatisfied	2	22.2	3	25.0
very dissatisfied	0	0.0	0	0.0
not applicable	0	0.0	0	0.0
don't know	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q48. How satisfied are you with the library resources that are available?	Master's		Doctorate	
	n	%	n	%
very satisfied	2	22.2	5	41.7
generally satisfied	5	55.6	4	33.3
generally dissatisfied	2	22.2	2	16.7
very dissatisfied	0	0.0	1	8.3
not applicable	0	0.0	0	0.0
don't know	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q49. Do you have any comments or recommendations for research resources or library resources at OSU?
What could be improved to make it better?

Responses are not reported since n < 3.

Diversity

Q50. OSU is a supportive campus toward those with diverse backgrounds?	Master's		Doctorate	
	n	%	n	%
agree	7	77.8	7	58.3
agree somewhat	1	11.1	3	25.0
disagree somewhat	0	0.0	0	0.0
disagree	0	0.0	0	0.0
don't know	0	0.0	2	16.7
prefer not to answer	1	11.1	0	0.0



Q51. How many times have you been treated unfairly at school because of your gender, race/ethnicity, sexual orientation, religion, disability, or veteran status?	Master's		Doctorate	
	n	%	n	%
one time	0	0.0	0	0.0
twice	0	0.0	0	0.0
more than twice	1	11.1	0	0.0
I have not been mistreated at school	7	77.8	11	91.7
prefer not to answer	1	11.1	1	8.3

*Questions 52 and 53 are only asked to those who indicated that they were mistreated at school.
Note: not reported since n < 3.

Q52. To what extent have you been upset by this unfair treatment?	Master's		Doctorate	
	n	%	n	%
a great deal	0	0.0	0	0.0
much	0	0.0	0	0.0
somewhat	0	0.0	0	0.0
a little	0	0.0	0	0.0
not at all	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0

Q53. Could you describe what happened?

Responses are not reported since n < 3.

Satisfaction with Graduate College

Q54. How satisfied are you with the helpfulness of the Graduate College staff in responding to your concerns and questions?	Master's		Doctorate	
	n	%	n	%
very satisfied	5	55.6	4	33.3
generally satisfied	3	33.3	6	50.0
generally dissatisfied	0	0.0	2	16.7
very dissatisfied	0	0.0	0	0.0
don't know	0	0.0	0	0.0
prefer not to answer	1	11.1	0	0.0



Q55. Do you have any comments or recommendations about the services provided by the Graduate College?

Responses are not reported since n < 3.

Satisfaction with Graduate and Professional Student Government Association

Q56. Do you have any recommendations or suggestions about the mission and activities of the Graduate Professional Student Government Association?

Responses are not reported since n < 3.

Career Plans

Q57. Which of the following best describes the employment setting for your future career plans?	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
private sector/industry	5	55.6	5	41.7
government	0	0.0	2	16.7
K-12 education	0	0.0	0	0.0
higher education	2	22.2	3	25.0
non-profit	0	0.0	0	0.0
military	0	0.0	0	0.0
other	0	0.0	1	8.3
undecided	1	11.1	1	8.3
don't know	0	0.0	0	0.0
prefer not to answer	1	11.1	0	0.0

Overall Satisfaction

Q58. How would you rate your overall satisfaction with your experience as a graduate student at OSU?	Master's		Doctorate	
	<u>n</u>	<u>%</u>	<u>n</u>	<u>%</u>
very satisfied	3	33.3	5	41.7
generally satisfied	6	66.7	6	50.0
generally dissatisfied	0	0.0	1	8.3
very dissatisfied	0	0.0	0	0.0
don't know	0	0.0	0	0.0
prefer not to answer	0	0.0	0	0.0



Q59. Do you have any final comments about your experience as a graduate student at OSU?

No comments.

