

1

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

1. Indicate the number of terms, if any, that you were involved in the following activities and educational experiences.	Number of Responses	Percentage of Responses				
		0 terms	1 term	2 terms	3 terms	4+ terms
Question						
a. Independent study	187	74.87	16.58	5.35	2.67	0.53
b. Study abroad	187	90.91	6.95	1.60	.	0.53
c. Community service or volunteer work	189	57.67	11.64	12.17	4.76	13.76
d. Work with a faculty member on a research project outside of course or program	187	66.31	12.83	12.30	4.28	4.28
e. Practicum, internship, field or co-op experience, or clinical assignment	188	36.70	17.55	13.83	14.36	17.55
f. Service learning course or course option	187	91.44	6.42	1.07	0.53	0.53
g. Participate in a learning community or formal program where groups of students take classes together	182	86.81	4.40	4.95	0.55	3.30

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

2. Indicate the number of terms, if any, that you were involved in the following activities and educational experiences.	Number of Responses	Percentage of Responses	
		No	Yes
Question			
a. Self-designed major	187	97.33	2.67
b. Capstone course or thesis	189	33.33	66.67

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

3. Compared with when you started your first year, how would you describe your following skills and knowledge?	Number of Responses	Percentage of Responses					Mean	StDev
		Much weaker	Weaker	No change	Stronger	Much stronger		
Question								
a. Making effective oral presentations	191	.	1.57	8.90	59.69	29.84	4.18	0.65
b. Writing effectively	188	0.53	3.19	19.68	59.04	17.55	3.90	0.74
c. Understanding the world from a variety of viewpoints	191	0.52	2.09	20.94	53.93	22.51	3.96	0.75
d. Using statistical or mathematical reasoning to solve problems	191	0.52	.	3.66	48.69	47.12	4.42	0.62
e. Appreciating the arts	190	2.11	5.26	50.53	35.79	6.32	3.39	0.77
f. Valuing cultural diversity	189	2.65	2.65	38.62	40.74	15.34	3.63	0.87
g. Understanding methods and applying principles of reasoning in the natural sciences	191	.	0.52	12.04	56.54	30.89	4.18	0.65
h. Understanding yourself	190	.	2.63	21.05	51.58	24.74	3.98	0.75
i. Using computers and information technology	190	.	0.53	8.42	45.79	45.26	4.36	0.66
j. Developing a meaningful philosophy of life	190	0.53	2.63	33.16	46.32	17.37	3.77	0.78
k. Thinking critically and analytically	191	0.52	.	6.81	53.93	38.74	4.30	0.64
l. Working cooperatively in a group	191	.	1.05	13.61	60.73	24.61	4.09	0.65
m. Using foreign languages	191	6.81	20.42	47.12	18.85	6.81	2.98	0.97
n. Developing insight into why you behave the way you do	191	0.52	1.57	32.46	50.26	15.18	3.78	0.74

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

4.If you took more than four years to complete your degree requirements at UK, please answer the following questions.	Number of Responses
Question	
a. Work obligations limited my enrollment	40
b. Family obligations limited my enrollment	16
c. Tuition and other costs of attendance limited my enrollment	12
d. A decision to change majors added to my requirements	45
e. Required course was not offered when needed	45
f. I lost credits in my major upon transferring	23

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

5. Indicate how much you agree or disagree with the following statements about: UNIVERSITY STUDIES PROGRAM:	Number of Responses	Percentage of Responses					Mean	StDev
		Strongly disagree	Disagree	Not sure	Agree	Strongly agree		
Question								
a. Most of my USP courses have been intellectually challenging	191	13.09	38.22	17.28	30.37	1.05	2.68	1.07
b. I understand why USP courses are required	191	10.47	17.80	14.14	52.88	4.71	3.24	1.12
c. I understand how the various USP requirements fit together	191	10.47	21.99	26.18	39.79	1.57	3.00	1.05
d. Most of my USP instructors described the goals of the courses	190	11.05	38.42	24.21	24.21	2.11	2.68	1.03
e. The quality of instruction in my USP courses was as good as my major courses	190	18.95	27.89	20.00	30.53	2.63	2.70	1.17
f. I understand the value of USP courses better now than at the time I took them	191	9.95	34.03	25.13	28.27	2.62	2.80	1.04
g. The broad range of choices among courses to meet USP requirements was important to me	190	7.37	16.32	18.42	46.84	11.05	3.38	1.11
h. I found USP requirements difficult to understand	191	12.04	48.69	18.85	16.75	3.66	2.51	1.03

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

6. Indicate how much you agree or disagree with the following statements about: YOUR MAJOR PROGRAM:	Number of Responses	Percentage of Responses					Mean	StDev
		Strongly disagree	Disagree	Not sure	Agree	Strongly agree		
Question								
a. Required courses in my major were offered so that I could complete my degree on time	191	1.05	12.57	7.85	61.26	17.28	3.81	0.90
b. Grading practices were appropriate and fair	188	.	6.91	7.45	72.87	12.77	3.91	0.69
c. Faculty prepared carefully for their classes	191	1.05	4.19	10.99	68.06	15.71	3.93	0.73
d. Faculty gave helpful feedback on my academic progress	190	0.53	11.05	15.79	58.95	13.68	3.74	0.85
e. Faculty were accessible outside of the classroom	191	.	1.57	4.71	68.59	25.13	4.17	0.58
f. Faculty were knowledgeable in their subject matter	191	0.52	.	1.05	58.64	39.79	4.37	0.56
g. Faculty treated students with respect	191	.	6.28	5.76	69.11	18.85	4.01	0.71
h. The department was characterized by mutual respect between students and professors	191	.	5.24	7.85	67.02	19.90	4.02	0.70
i. The department helped me find appropriate employment or pursue further study	190	8.42	14.74	13.16	46.84	16.84	3.49	1.18
j. I would recommend my major program to other students	191	3.14	4.71	9.42	49.74	32.98	4.05	0.95

Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

7. Rate your level of satisfaction or dissatisfaction with the following student services.	Number of Responses	Percentage of Responses					Mean	StDev
		Very dissatisfied	Dissatisfied	Neutral	Satisfied	Very satisfied		
Question								
a. Recreation areas in Student Center	151	1.99	1.32	38.41	49.67	8.61	3.62	0.75
b. Campus dining services	170	4.12	11.18	31.18	50.59	2.94	3.37	0.88
c. Counseling & Testing Center (personal counseling)	87	.	4.60	59.77	28.74	6.90	3.38	0.69
d. Counseling & Testing Center (career counseling)	110	0.91	8.18	44.55	41.82	4.55	3.41	0.75
e. Career Center Services	152	3.29	5.26	32.24	48.68	10.53	3.58	0.87
f. Student Billing Services	186	4.30	10.75	32.80	46.77	5.38	3.38	0.91
g. Registration	187	1.60	9.09	25.67	56.68	6.95	3.58	0.81
h. Woman's Place	64	.	3.13	68.75	18.75	9.38	3.34	0.70
i. Health Services	136	1.47	5.15	23.53	58.09	11.76	3.74	0.79
j. Fitness and athletic facilities	166	0.60	1.20	13.25	55.42	29.52	4.12	0.72
k. Student Financial Aid Office	149	5.37	10.74	29.53	44.97	9.40	3.42	0.99
l. UK Bookstore	182	4.95	15.38	30.77	41.76	7.14	3.31	0.98
m. University Apartments	67	2.99	4.48	58.21	31.34	2.99	3.27	0.73
n. Residence Hall (living quarters)	140	7.86	15.00	30.00	40.00	7.14	3.24	1.05
o. Residence Hall (dining services)	140	5.71	12.86	35.00	41.43	5.00	3.27	0.95

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

8. How would you rate the quality of each of the following aspects at UK?	Number of Responses	Percentage of Responses				Mean	StDev
		Poor	Fair	Good	Excellent		
Question							
a. Quality of instruction by overall faculty	191	1.05	21.47	71.73	5.76	2.82	0.53
b. Quality of instruction by faculty in major	191	1.57	10.99	56.02	31.41	3.17	0.68
c. Quality of instruction by teaching assistants	190	7.37	41.05	45.79	5.79	2.50	0.72
d. Individual attention from instructors	191	1.57	28.27	60.73	9.42	2.78	0.63
e. Preparation for my first career job	191	7.85	25.65	57.59	8.90	2.68	0.75
f. Preparation for graduate or professional school	189	4.23	16.93	69.31	9.52	2.84	0.64
g. Quality of library services	191	0.52	14.66	64.40	20.42	3.05	0.61
h. Availability of computing resources	191	0.52	9.42	59.16	30.89	3.20	0.62
i. Willingness of faculty to meet with students	191	0.52	7.85	70.16	21.47	3.13	0.55
j. Quality of UK's library collection	191	0.52	8.38	63.35	27.75	3.18	0.59
k. Quality of service provided by the computer lab staff	189	2.65	21.16	64.55	11.64	2.85	0.64

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

9. Rate your level of satisfaction or dissatisfaction with the following academic support programs.	Number of Responses	Percentage of Responses					Mean	StDev
		Strongly disagree	Disagree	Not sure	Agree	Strongly agree		
Question								
a. The Study	74	2.70	8.11	35.14	44.59	9.46	3.50	0.88
b. The Writing Center	87	5.75	12.64	32.18	41.38	8.05	3.33	1.00

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

10.To what extent do you agree or disagree with the following statements about YOUR ACADEMIC ADVISOR?	Number of Responses	Percentage of Responses					Mean	StDev
		Strongly disagree	Disagree	Not sure	Agree	Strongly agree		
Question								
a. Spent sufficient time with me	191	3.14	8.38	8.38	48.69	31.41	3.97	1.01
b. Was accessible when I needed help	190	3.68	7.89	10.00	47.37	31.05	3.94	1.03
c. Reviewed my academic record prior to giving advice	191	4.19	5.76	13.61	46.07	30.37	3.93	1.02
d. Is someone I would recommend to other students	191	6.81	6.81	8.90	42.93	34.55	3.92	1.15

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

11. Assess the extent to which the ACADEMIC CLIMATE is discriminatory or supportive for each of the student groups.	Number of Responses	Percentage of Responses				Mean	StDev
		Very discriminatory	Discriminatory	Supportive	Very supportive		
Question							
a. Women	189	1.06	3.17	73.02	22.75	3.17	0.52
b. Men	189	2.12	2.65	78.84	16.40	3.10	0.52
c. African Americans	188	1.06	2.66	76.06	20.21	3.15	0.50
d. Other racial minorities	189	0.53	2.65	78.84	17.99	3.14	0.46
e. International students	189	0.53	1.06	77.25	21.16	3.19	0.46
f. Disabled students	188	0.53	3.72	77.13	18.62	3.14	0.48
g. Gay/Lesbian students	188	1.60	4.26	77.66	16.49	3.09	0.51

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

12. Assess the extent to which the SOCIAL CLIMATE is discriminatory or supportive for each of the student groups.	Number of Responses	Percentage of Responses				Mean	StDev
		Very discriminatory	Discriminatory	Supportive	Very supportive		
Question							
a. Women	189	1.06	3.17	75.13	20.63	3.15	0.51
b. Men	189	1.59	1.59	80.95	15.87	3.11	0.48
c. African Americans	188	1.60	4.79	79.26	14.36	3.06	0.50
d. Other racial minorities	189	1.06	5.29	78.84	14.81	3.07	0.49
e. International students	189	1.06	8.99	75.13	14.81	3.04	0.53
f. Disabled students	189	1.06	3.70	79.37	15.87	3.10	0.48
g. Gay/lesbian students	188	2.66	5.85	79.26	12.23	3.01	0.54

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

13.To what extent do you feel UK emphasizes each of the following.	Number of Responses	Percentage of Responses				Mean	StDev
		Very little	Some	Quite a bit	Very much		
Question							
a. Studying and academic work outside of class	190	2.63	21.05	53.16	23.16	2.97	0.74
b. Providing the support you need to help you succeed academically	190	2.11	35.26	53.16	9.47	2.70	0.67
c. Providing the support you need to develop an active social life	189	13.76	40.21	39.68	6.35	2.39	0.80
d. Encouraging contact among students of different backgrounds	190	18.95	40.00	36.32	4.74	2.27	0.82
e. Developing scholarly, analytical, and intellectual qualities	190	3.68	27.89	52.63	15.79	2.81	0.74
f. Developing aesthetic, expressive, and creative qualities	190	10.00	43.16	40.53	6.32	2.43	0.76
g. Developing an understanding and appreciation of human diversity	189	8.99	38.10	47.09	5.82	2.50	0.74
h. Developing information literacy skills	189	2.65	24.34	59.79	13.23	2.84	0.68
i. Providing job-related skills and knowledge	190	9.47	33.68	45.79	11.05	2.58	0.81
j. Offering courses that are practical	188	9.04	35.11	45.74	10.11	2.57	0.79

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

The FREQ Procedure

14.To what extent has your college education fulfilled your expectations?				
Q14	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Far above	17	8.95	17	8.95
Met expectations	94	49.47	111	58.42
Moderately above	61	32.11	172	90.53
Moderately below	18	9.47	190	100.00

Frequency Missing = 1

15.How satisfied or dissatisfied were you with your experiences at UK?				
Q15	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Dissatisfied	12	6.32	12	6.32
Neutral	29	15.26	41	21.58
Satisfied	108	56.84	149	78.42
Very satisfied	41	21.58	190	100.00

Frequency Missing = 1

16.If you could start college again, would you enroll at UK?				
Q16	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Definitely not	2	1.05	2	1.05
Definitely yes	66	34.55	68	35.60
Probably not	27	14.14	95	49.74
Probably yes	96	50.26	191	100.00

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

The FREQ Procedure

17.What is MOST LIKELY to be your PRINCIPAL activity upon graduation?				
Q17	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Employment, full-time paid	134	70.16	134	70.16
Employment, part-time paid	3	1.57	137	71.73
Graduate or professional school, full-time	45	23.56	182	95.29
Graduate or professional school, part-time	1	0.52	183	95.81
Military service	3	1.57	186	97.38
Other	3	1.57	189	98.95
Volunteer activity (e.g., Peace Corps)	2	1.05	191	100.00

18.If you are continuing your education, what is the highest degree you plan to earn?				
Q18	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Dentistry degree	1	0.55	1	0.55
Law degree	1	0.55	2	1.09
Master's or Educational specialist degree	86	46.99	88	48.09
Medicine degree	2	1.09	90	49.18
No plans for graduate degree	69	37.70	159	86.89
Other professional degree	6	3.28	165	90.16
Ph.D or Ed.D	18	9.84	183	100.00

Frequency Missing = 8

What is your gender?				
sex	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Female	27	14.14	27	14.14
Male	164	85.86	191	100.00

University of Kentucky
Institutional Research (7-4110)
Graduating Senior Survey - Graduated in 2010-2011 Academic Year
Results for College of Engineering

The FREQ Procedure

What is your ethnic group?				
race	Frequency	Percent	Cumulative Frequency	Cumulative Percent
African American	1	0.52	1	0.52
American Indian	1	0.52	2	1.05
Asian	4	2.09	6	3.14
Hispanic	2	1.05	8	4.19
Missing	7	3.66	15	7.85
Nonresident Alien	9	4.71	24	12.57
White	167	87.43	191	100.00