

Institutional Research (7-4110)

Graduating Senior Survey - Graduated in 2005-2006 Academic Year

Results for the 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					Mean	StDev
		0 terms	1 term	2 terms	3 terms	4+ terms		
Question								
a. Independent study	248	79.84	14.52	4.44	.	1.21	0.28	0.66
b. Study abroad	245	97.96	1.22	0.41	0.41	.	0.03	0.25
c. Community service or volunteer work	244	61.48	9.84	9.43	2.87	16.39	1.03	1.52
d. Work with a faculty member on a research project outside of course or program	246	77.24	10.98	6.91	4.07	0.81	0.40	0.85
e. Practicum, internship, field or co-op experience, or clinical assignment	248	46.77	9.68	11.69	20.16	11.69	1.40	1.51
f. Service learning course or course option	244	97.54	0.82	1.64	.	.	0.04	0.27
g. Participate in a learning community or formal program where groups of students take classes together	245	91.02	3.27	1.63	0.41	3.67	0.22	0.82

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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	
		No	Yes
Question			
h. Self-designed major	241	96.27	3.73
i. Capstone course or thesis	238	72.69	27.31

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2. 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	250	.	1.20	11.60	64.80	22.40	4.08	0.62
b. Writing effectively	250	0.80	2.80	21.60	60.40	14.40	3.85	0.72
c. Understanding the world from a variety of viewpoints	249	0.40	0.80	22.49	53.01	23.29	3.98	0.73
d. Using statistical or mathematical reasoning to solve problems	250	.	0.40	1.60	30.00	68.00	4.66	0.53
e. Appreciating the arts	250	1.60	8.00	54.40	28.40	7.60	3.32	0.79
f. Valuing cultural diversity	250	2.40	4.40	42.80	36.80	13.60	3.55	0.87
g. Understanding methods and applying principles of reasoning in the natural sciences	250	0.40	0.80	8.40	48.00	42.40	4.31	0.69
h. Understanding yourself	250	0.80	2.40	17.60	48.00	31.20	4.06	0.81
i. Using computers and information technology	250	.	0.80	5.60	33.60	60.00	4.53	0.64
j. Developing a meaningful philosophy of life	250	0.40	2.00	37.20	41.20	19.20	3.77	0.79
k. Thinking critically and analytically	250	.	1.20	3.60	47.60	47.60	4.42	0.62
l. Working cooperatively in a group	250	0.40	1.20	10.40	56.80	31.20	4.17	0.69
m. Using foreign languages	250	9.20	21.20	54.80	9.20	5.60	2.81	0.93
n. Developing insight into why you behave the way you do	250	0.80	3.20	43.20	42.00	10.80	3.59	0.76

3.If you took more than four years to complete your degree requirements at UK, please answer the following questions.	Number of Responses	Percentage of Responses	
		No	Yes
Question			
a. Work obligations limited my enrollment	250	64.80	35.20
b. Family obligations limited my enrollment	250	88.40	11.60
c. Tuition and other costs of attendance limited my enrollment	250	92.00	8.00
d. A decision to change majors added to my requirements	250	79.20	20.80
e. Required course was not offered when needed	250	81.60	18.40
f. I lost credits in my major upon transferring	250	88.40	11.60

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4. 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	239	4.60	38.49	14.64	39.75	2.51	2.97	1.03
b. I understand why USP courses are required	239	7.11	15.90	12.13	55.65	9.21	3.44	1.09
c. I understand how the various USP requirements fit together	238	6.72	17.65	23.53	47.90	4.20	3.25	1.02
d. Most of my USP instructors described the goals of the courses	238	12.18	36.13	22.69	26.47	2.52	2.71	1.07
e. The quality of instruction in my USP courses was as good as my major courses	238	10.08	29.41	19.75	38.24	2.52	2.94	1.09
f. I understand the value of USP courses better now than at the time I took them	236	7.63	20.34	29.24	38.56	4.24	3.11	1.03
g. The broad range of choices among courses to meet USP requirements was important to me	238	5.46	13.45	17.65	50.00	13.45	3.53	1.06
h. I found USP requirements difficult to understand	239	12.13	52.72	19.25	12.97	2.93	2.42	0.96

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4. 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	243	2.88	11.52	6.17	60.08	19.34	3.81	0.97
b. Grading practices were appropriate and fair	242	2.07	6.61	7.44	71.90	11.98	3.85	0.79
c. Faculty prepared carefully for their classes	243	1.65	6.58	13.99	65.02	12.76	3.81	0.80
d. Faculty gave helpful feedback on my academic progress	243	2.47	13.17	16.46	56.38	11.52	3.61	0.94
e. Faculty were accessible outside of the classroom	243	0.41	2.88	4.12	72.43	20.16	4.09	0.62
f. Faculty were knowledgeable in their subject matter	243	.	.	2.47	55.14	42.39	4.40	0.54
g. Faculty treated students with respect	243	2.06	2.06	7.41	67.08	21.40	4.04	0.75
h. The department was characterized by mutual respect between students and professors	243	1.23	5.76	12.76	61.73	18.52	3.91	0.81
i. The department helped me find appropriate employment or pursue further study	243	4.94	13.99	23.46	43.21	14.40	3.48	1.06
j. I would recommend my major program to other students	243	3.29	4.53	6.58	53.91	31.69	4.06	0.93

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5. 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	180	3.33	16.67	30.00	41.11	8.89	3.36	0.97
b. Campus dining services	204	18.63	33.82	23.04	23.04	1.47	2.55	1.08
c. Counseling & Testing Center (personal counseling)	86	1.16	6.98	62.79	19.77	9.30	3.29	0.78
d. Counseling & Testing Center (career counseling)	118	3.39	5.93	46.61	36.44	7.63	3.39	0.85
e. Career Center Services	162	.	6.79	29.63	52.47	11.11	3.68	0.76
f. Student Billing Services	223	4.04	11.66	34.53	44.39	5.38	3.35	0.90
g. Registration	240	1.25	9.17	19.58	60.42	9.58	3.68	0.82
h. Parking Services	223	58.74	20.63	11.66	8.07	0.90	1.72	1.02
i. Health Services	174	4.60	7.47	23.56	52.87	11.49	3.59	0.95
j. Fitness and athletic facilities	200	1.50	3.00	11.00	55.50	29.00	4.08	0.81
k. Student Financial Aid Office	175	3.43	5.71	32.57	50.29	8.00	3.54	0.86
l. UK Bookstore	223	12.11	17.49	30.49	37.67	2.24	3.00	1.06
m. University Apartments	70	4.29	8.57	57.14	24.29	5.71	3.19	0.84
n. Residence Hall (living quarters)	149	11.41	18.12	29.53	38.26	2.68	3.03	1.07
o. Residence Hall (dining services)	144	19.44	25.00	29.86	23.61	2.08	2.64	1.11

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6.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	241	2.49	18.26	67.63	11.62	2.88	0.62
b. Quality of instruction by faculty in major	242	2.89	8.68	53.31	35.12	3.21	0.72
c. Quality of instruction by teaching assistants	239	12.97	45.61	38.08	3.35	2.32	0.74
d. Individual attention from instructors	242	6.20	37.19	43.39	13.22	2.64	0.79
e. Preparation for my first career job	239	11.30	30.13	51.88	6.69	2.54	0.78
f. Preparation for graduate or professional school	239	10.04	29.71	50.63	9.62	2.60	0.80
g. Quality of library services	242	0.83	17.77	56.61	24.79	3.05	0.68
h. Availability of computing resources	242	0.83	8.26	46.69	44.21	3.34	0.66
i. Willingness of faculty to meet with students	242	1.65	12.40	61.57	24.38	3.09	0.65
j. Quality of UK's library collection	241	0.83	11.20	60.58	27.39	3.15	0.63
k. Quality of service provided by the computer lab staff	240	2.92	22.92	62.08	12.08	2.83	0.66

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7.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	242	6.61	16.12	9.92	44.63	22.73	3.61	1.19
b. Was accessible when I needed help	241	4.98	5.39	15.35	46.47	27.80	3.87	1.04
c. Reviewed my academic record prior to giving advice	242	7.02	11.98	11.57	42.98	26.45	3.70	1.19
d. Is someone I would recommend to other students	242	8.26	14.05	14.46	33.47	29.75	3.62	1.27

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8. 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	225	0.44	1.78	72.00	25.78	3.23	0.49
b. Men	227	0.44	3.08	69.16	27.31	3.23	0.52
c. African Americans	224	0.45	4.46	74.55	20.54	3.15	0.50
d. Other racial minorities	223	.	3.59	73.99	22.42	3.19	0.48
e. International students	226	0.88	3.98	70.35	24.78	3.19	0.54
f. Disabled students	223	0.90	3.14	77.13	18.83	3.14	0.49
g. Gay/Lesbian students	217	3.69	8.76	72.35	15.21	2.99	0.62

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8. 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	228	0.44	4.39	67.98	27.19	3.22	0.54
b. Men	226	0.44	3.98	68.58	26.99	3.22	0.53
c. African Americans	226	1.77	7.96	71.24	19.03	3.08	0.58
d. Other racial minorities	225	2.22	16.44	68.89	12.44	2.92	0.61
e. International students	229	4.37	17.03	65.50	13.10	2.87	0.68
f. Disabled students	226	0.44	8.41	75.22	15.93	3.07	0.51
g. Gay/lesbian students	220	8.64	20.00	60.91	10.45	2.73	0.76

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9.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	241	0.83	19.09	45.64	34.44	3.14	0.74
b. Providing the support you need to help you succeed academically	241	1.66	32.37	54.77	11.20	2.76	0.67
c. Providing the support you need to develop an active social life	241	20.33	45.64	28.63	5.39	2.19	0.82
d. Encouraging contact among students of different backgrounds	240	23.75	43.33	26.67	6.25	2.15	0.86
e. Developing scholarly, analytical, and intellectual qualities	239	3.77	30.13	53.14	12.97	2.75	0.72
f. Developing aesthetic, expressive, and creative qualities	238	13.87	44.54	36.55	5.04	2.33	0.78
g. Developing an understanding and appreciation of human diversity	239	11.72	42.68	38.49	7.11	2.41	0.79
h. Developing information literacy skills	239	3.35	17.99	60.67	17.99	2.93	0.70
i. Providing job-related skills and knowledge	238	8.82	31.09	50.00	10.08	2.61	0.79
j. Offering courses that are practical	239	8.79	28.03	52.72	10.46	2.65	0.78

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The FREQ Procedure

10.To what extent has your college education fulfilled your expectations?				
q10	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Far below	6	2.42	6	2.42
Moderately below	31	12.50	37	14.92
Met expectations	113	45.56	150	60.48
Moderately above	72	29.03	222	89.52
Far above	26	10.48	248	100.00

Frequency Missing = 2

11.How satisfied or dissatisfied were you with your experiences at UK?				
q11	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Very dissatisfied	4	1.62	4	1.62
Dissatisfied	10	4.05	14	5.67
Neutral	50	20.24	64	25.91
Satisfied	136	55.06	200	80.97
Very satisfied	47	19.03	247	100.00

Frequency Missing = 3

12.If you could start college again, would you enroll at UK?				
q12	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Definitely not	7	2.83	7	2.83
Probably not	42	17.00	49	19.84
Probably yes	129	52.23	178	72.06
Definitely yes	69	27.94	247	100.00

Frequency Missing = 3

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13. What are your immediate post-graduation plans?	Number of Responses	Percentage of Responses	
		No	Yes
Question			
a. I will work at the job I had before I graduated	250	81.60	18.40
b. I will work at a new job I recently obtained	250	88.00	12.00
c. I am currently seeking employment	250	47.60	52.40
d. I do not plan to work	250	99.20	0.80
e. I plan to continue my education before working	250	70.00	30.00
f. I have no plans	250	95.20	4.80

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The FREQ Procedure

14.If you are continuing your education, what is the highest degree you plan to earn?				
q14	Frequency	Percent	Cumulative Frequency	Cumulative Percent
No plans for graduate degree	80	36.53	80	36.53
Master's or Educational specialist degree	111	50.68	191	87.21
Law degree	4	1.83	195	89.04
Other professional degree	3	1.37	198	90.41
Ph.D or Ed.D	19	8.68	217	99.09
Other doctoral degree	2	0.91	219	100.00

Frequency Missing = 31

What is your gender?				
SEX	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Female	44	17.60	44	17.60
Male	206	82.40	250	100.00

To which group do you belong?				
RACE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Nonresident Alien	13	5.20	13	5.20
African American	5	2.00	18	7.20
Asian	6	2.40	24	9.60
Hispanic	1	0.40	25	10.00
White	222	88.80	247	98.80
Missing	3	1.20	250	100.00

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The FREQ Procedure

Which region are you from?				
REGION	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Central Kentucky Counties	64	25.60	64	25.60
Northern Kentucky Counties	23	9.20	87	34.80
Louisville Kentucky Counties	16	6.40	103	41.20
Appalachian Kentucky Counties	46	18.40	149	59.60
Other Kentucky Counties	73	29.20	222	88.80
Out of State	28	11.20	250	100.00

In which college are you enrolled?				
college	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Engineering	250	100.00	250	100.00