

Institutional Research (7-4110)

Graduating Senior Survey - Graduated in 2004-2005 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	259	76.06	18.15	3.09	2.70	.	0.32	0.67
b. Study abroad	262	95.80	1.91	.	0.76	1.53	0.10	0.57
c. Community service or volunteer work	260	62.69	5.77	9.62	3.46	18.46	1.09	1.59
d. Work with a faculty member on a research project outside of course or program	262	78.63	10.69	4.96	2.67	3.05	0.41	0.93
e. Practicum, internship, field or co-op experience, or clinical assignment	264	51.89	9.85	9.09	14.39	14.77	1.30	1.56
f. Service learning course or course option	260	96.54	2.31	0.77	0.38	.	0.05	0.29
g. Participate in a learning community or formal program where groups of students take classes together	262	90.08	3.05	3.05	0.76	3.05	0.24	0.81

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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	259	94.59	5.41
i. Capstone course or thesis	257	92.61	7.39

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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	274	.	0.73	12.04	65.69	21.53	4.08	0.60
b. Writing effectively	274	0.36	2.55	19.34	64.96	12.77	3.87	0.66
c. Understanding the world from a variety of viewpoints	274	.	.	16.79	53.65	29.56	4.13	0.67
d. Using statistical or mathematical reasoning to solve problems	274	.	.	1.82	28.47	69.71	4.68	0.51
e. Appreciating the arts	273	0.37	3.66	55.68	31.50	8.79	3.45	0.72
f. Valuing cultural diversity	273	1.10	4.40	45.05	37.00	12.45	3.55	0.81
g. Understanding methods and applying principles of reasoning in the natural sciences	274	.	.	8.39	52.19	39.42	4.31	0.62
h. Understanding yourself	274	.	1.46	21.17	46.35	31.02	4.07	0.76
i. Using computers and information technology	274	.	0.36	3.28	39.05	57.30	4.53	0.58
j. Developing a meaningful philosophy of life	264	0.38	2.27	33.71	47.35	16.29	3.77	0.76
k. Thinking critically and analytically	274	.	.	2.92	43.07	54.01	4.51	0.56
l. Working cooperatively in a group	264	.	.	11.74	56.06	32.20	4.20	0.63
m. Using foreign languages	263	4.18	21.29	53.99	16.73	3.80	2.95	0.84
n. Developing insight into why you behave the way you do	263	.	1.14	36.88	50.19	11.79	3.73	0.68

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	274	67.52	32.48
b. Family obligations limited my enrollment	274	91.24	8.76
c. Tuition and other costs of attendance limited my enrollment	274	93.43	6.57
d. A decision to change majors added to my requirements	274	78.47	21.53
e. Required course was not offered when needed	274	83.94	16.06
f. I lost credits in my major upon transferring	274	86.86	13.14

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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	260	6.15	38.08	15.00	38.46	2.31	2.93	1.05
b. I understand why USP courses are required	260	5.77	13.46	15.00	57.69	8.08	3.49	1.02
c. I understand how the various USP requirements fit together	259	5.02	18.53	24.32	49.81	2.32	3.26	0.96
d. Most of my USP instructors described the goals of the courses	258	10.08	33.33	23.64	31.78	1.16	2.81	1.03
e. The quality of instruction in my USP courses was as good as my major courses	259	10.04	34.75	16.60	35.14	3.47	2.87	1.11
f. I understand the value of USP courses better now than at the time I took them	258	5.04	25.58	25.19	40.31	3.88	3.12	1.00
g. The broad range of choices among courses to meet USP requirements was important to me	259	4.25	15.83	11.97	52.90	15.06	3.59	1.06
h. I found USP requirements difficult to understand	258	12.40	49.22	17.05	18.22	3.10	2.50	1.03

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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	273	3.66	13.19	7.33	61.90	13.92	3.69	0.99
b. Grading practices were appropriate and fair	273	1.47	6.59	7.33	75.46	9.16	3.84	0.73
c. Faculty prepared carefully for their classes	273	.	7.69	10.26	69.96	12.09	3.86	0.72
d. Faculty gave helpful feedback on my academic progress	273	1.10	15.02	13.19	63.74	6.96	3.60	0.86
e. Faculty were accessible outside of the classroom	273	0.37	3.30	8.06	68.13	20.15	4.04	0.67
f. Faculty were knowledgeable in their subject matter	273	.	1.47	0.73	55.68	42.12	4.38	0.58
g. Faculty treated students with respect	273	0.37	5.49	8.79	68.50	16.85	3.96	0.71
h. The department was characterized by mutual respect between students and professors	272	0.74	5.51	12.50	67.28	13.97	3.88	0.73
i. The department helped me find appropriate employment or pursue further study	273	6.23	16.12	29.30	39.19	9.16	3.29	1.04
j. I would recommend my major program to other students	273	1.83	3.66	13.92	58.24	22.34	3.96	0.82

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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	194	1.55	7.73	33.51	47.94	9.28	3.56	0.83
b. Campus dining services	241	7.05	21.58	29.05	40.25	2.07	3.09	0.99
c. Counseling & Testing Center (personal counseling)	95	4.21	7.37	48.42	32.63	7.37	3.32	0.88
d. Counseling & Testing Center (career counseling)	123	4.07	7.32	39.84	44.72	4.07	3.37	0.84
e. Career Center Services	176	3.41	6.25	30.68	53.98	5.68	3.52	0.83
f. Student Billing Services	246	3.66	8.13	30.89	54.07	3.25	3.45	0.84
g. Registration	261	1.92	3.45	18.77	65.90	9.96	3.79	0.74
h. Parking Services	254	47.64	25.98	15.35	9.06	1.97	1.92	1.08
i. Health Services	210	3.33	6.67	26.67	49.52	13.81	3.64	0.92
j. Fitness and athletic facilities	225	0.89	1.33	12.89	53.33	31.56	4.13	0.75
k. Student Financial Aid Office	179	2.23	6.70	29.61	52.51	8.94	3.59	0.83
l. UK Bookstore	253	11.86	20.16	26.09	38.34	3.56	3.02	1.10
m. University Apartments	70	8.57	4.29	52.86	30.00	4.29	3.17	0.92
n. Residence Hall (living quarters)	161	13.66	16.77	36.65	28.57	4.35	2.93	1.08
o. Residence Hall (dining services)	164	11.59	19.51	34.15	31.71	3.05	2.95	1.05

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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	273	0.37	17.22	70.33	12.09	2.94	0.55
b. Quality of instruction by faculty in major	274	1.09	13.14	55.11	30.66	3.15	0.68
c. Quality of instruction by teaching assistants	273	13.19	48.35	33.70	4.76	2.30	0.76
d. Individual attention from instructors	272	4.41	32.72	54.04	8.82	2.67	0.70
e. Preparation for my first career job	273	9.16	28.94	53.11	8.79	2.62	0.77
f. Preparation for graduate or professional school	274	3.65	25.55	60.22	10.58	2.78	0.68
g. Quality of library services	273	1.47	11.36	60.07	27.11	3.13	0.65
h. Availability of computing resources	274	1.46	4.38	47.81	46.35	3.39	0.64
i. Willingness of faculty to meet with students	274	1.09	10.95	64.96	22.99	3.10	0.61
j. Quality of UK's library collection	265	0.38	9.06	63.02	27.55	3.18	0.59
k. Quality of service provided by the computer lab staff	266	2.63	21.80	61.28	14.29	2.87	0.67

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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	272	10.66	17.28	8.82	42.65	20.59	3.45	1.28
b. Was accessible when I needed help	272	6.62	11.03	10.29	51.10	20.96	3.69	1.12
c. Reviewed my academic record prior to giving advice	272	11.76	15.44	11.40	37.13	24.26	3.47	1.32
d. Is someone I would recommend to other students	272	15.81	11.76	16.18	30.51	25.74	3.39	1.39

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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	255	0.78	3.14	66.27	29.80	3.25	0.55
b. Men	257	1.17	3.11	67.32	28.40	3.23	0.56
c. African Americans	252	0.79	3.17	63.49	32.54	3.28	0.56
d. Other racial minorities	251	0.40	3.98	67.73	27.89	3.23	0.53
e. International students	250	0.40	4.80	63.20	31.60	3.26	0.56
f. Disabled students	251	0.40	2.39	70.12	27.09	3.24	0.50
g. Gay/Lesbian students	247	1.62	6.07	68.83	23.48	3.14	0.58

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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	255	0.78	1.96	67.45	29.80	3.26	0.53
b. Men	259	0.77	2.70	66.02	30.50	3.26	0.54
c. African Americans	252	2.38	7.94	66.27	23.41	3.11	0.63
d. Other racial minorities	254	1.57	13.78	65.35	19.29	3.02	0.63
e. International students	254	2.76	20.87	57.09	19.29	2.93	0.71
f. Disabled students	253	0.79	8.70	69.17	21.34	3.11	0.57
g. Gay/lesbian students	249	6.83	22.89	52.61	17.67	2.81	0.80

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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	274	1.46	27.37	43.80	27.37	2.97	0.78
b. Providing the support you need to help you succeed academically	274	3.28	28.47	53.65	14.60	2.80	0.72
c. Providing the support you need to develop an active social life	273	15.02	45.05	29.67	10.26	2.35	0.86
d. Encouraging contact among students of different backgrounds	274	20.44	39.05	32.12	8.39	2.28	0.88
e. Developing scholarly, analytical, and intellectual qualities	273	1.83	21.61	58.97	17.58	2.92	0.68
f. Developing aesthetic, expressive, and creative qualities	274	8.03	45.26	38.32	8.39	2.47	0.76
g. Developing an understanding and appreciation of human diversity	273	7.69	45.42	37.00	9.89	2.49	0.78
h. Developing information literacy skills	274	1.09	18.25	51.82	28.83	3.08	0.71
i. Providing job-related skills and knowledge	274	6.20	31.75	47.81	14.23	2.70	0.79
j. Offering courses that are practical	274	4.74	31.75	50.36	13.14	2.72	0.75

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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	4	1.52	4	1.52
Moderately below	32	12.12	36	13.64
Met expectations	107	40.53	143	54.17
Moderately above	102	38.64	245	92.80
Far above	19	7.20	264	100.00

Frequency Missing = 10

11.How satisfied or dissatisfied were you with your experiences at UK?				
q11	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Very dissatisfied	6	2.19	6	2.19
Dissatisfied	10	3.65	16	5.84
Neutral	39	14.23	55	20.07
Satisfied	180	65.69	235	85.77
Very satisfied	39	14.23	274	100.00

12.If you could start college again, would you enroll at UK?				
q12	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Definitely not	11	4.17	11	4.17
Probably not	36	13.64	47	17.80
Probably yes	141	53.41	188	71.21
Definitely yes	76	28.79	264	100.00

Frequency Missing = 10

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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	274	79.56	20.44
b. I will work at a new job I recently obtained	274	90.15	9.85
c. I am currently seeking employment	274	48.91	51.09
d. I do not plan to work	274	99.27	0.73
e. I plan to continue my education before working	274	72.99	27.01
f. I have no plans	274	97.81	2.19

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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	87	35.66	87	35.66
Master's or Educational specialist degree	121	49.59	208	85.25
Law degree	6	2.46	214	87.70
Medicine degree	10	4.10	224	91.80
Other professional degree	3	1.23	227	93.03
Ph.D or Ed.D	16	6.56	243	99.59
Other doctoral degree	1	0.41	244	100.00

Frequency Missing = 30

What is your gender?				
SEX	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Female	33	12.04	33	12.04
Male	241	87.96	274	100.00

To which group do you belong?				
RACE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Nonresident Alien	13	4.74	13	4.74
African American	7	2.55	20	7.30
American Indian	1	0.36	21	7.66
Asian	9	3.28	30	10.95
White	240	87.59	270	98.54
Missing	4	1.46	274	100.00

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The FREQ Procedure

Which region are you from?				
REGION	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Central Kentucky Counties	72	26.28	72	26.28
Northern Kentucky Counties	20	7.30	92	33.58
Louisville Kentucky Counties	18	6.57	110	40.15
Appalachian Kentucky Counties	50	18.25	160	58.39
Other Kentucky Counties	85	31.02	245	89.42
Out of State	29	10.58	274	100.00