

Introduction

#### \*Responses for this report only include seniors within the College, except where noted.

	Engineering	University
Responses	252	1718
Initial Population	494	3672
Response Rate	51%	46.8%

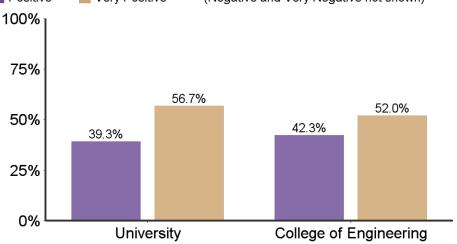
#### **Survey Information:**

- The Senior Survey is designed to give undergraduate students the opportunity to reflect upon their K-State experiences. This information is used to improve the college experience for future students by identifying strengths in our programs as well as areas that need further development. The survey includes issues relating to satisfaction with K-State regarding academic programs, intellectual and personal growth, student services, and preparation for a career or a graduate/professional school.
- The survey is offered electronically (through Qualtrics) to seniors who have been cleared for graduation by their respective colleges

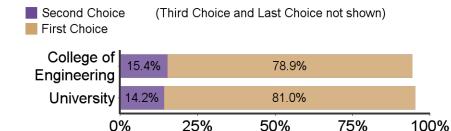
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Section I: Overall Satisfaction

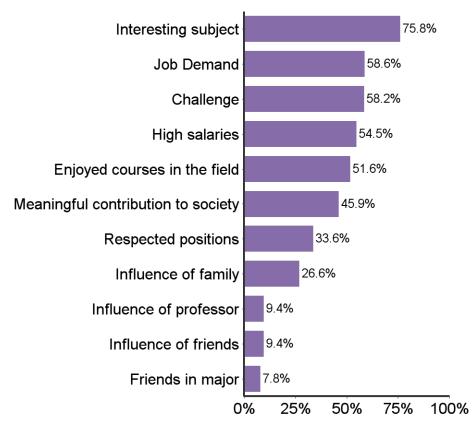




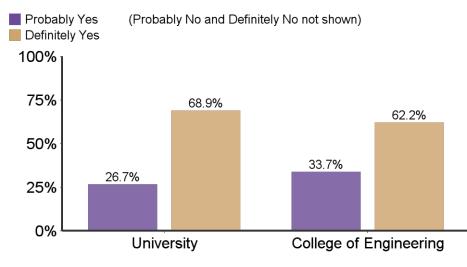
#### When you applied to K-State, it was your:



#### Reasons for choosing major

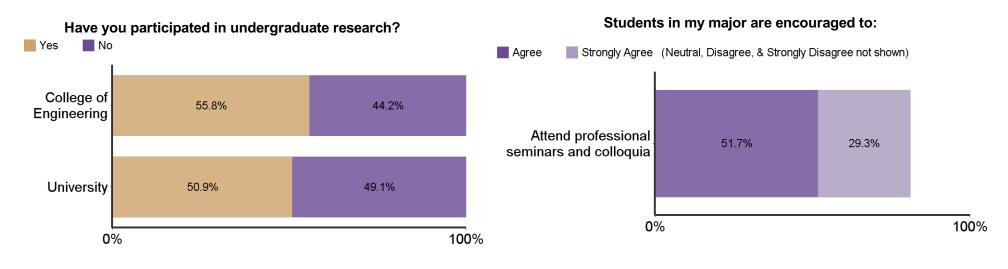


#### Would you recommend K-State to others?

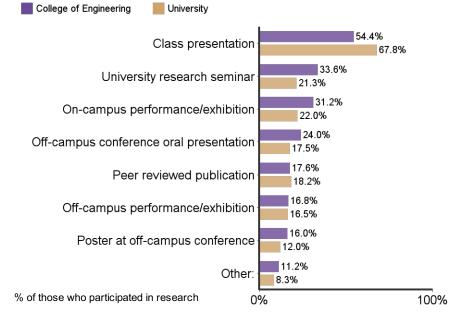


### 2015-16 College of Engineering Report

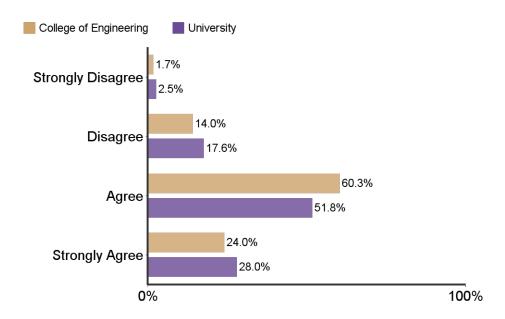
Section IIa: 2025 Research, Scholarly, Creative Activities, and Discovery



# What type(s) of research dissemination have you successfully achieved?



# Students in my major are encouraged to participate in research/creative projects:



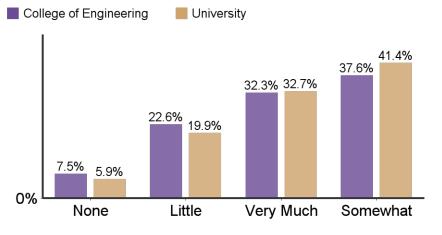
Section IIa: 2025 Research, Scholarly, Creative Activities, and Discovery

\*All results on the corresponding page include only responses from those who participated in research.

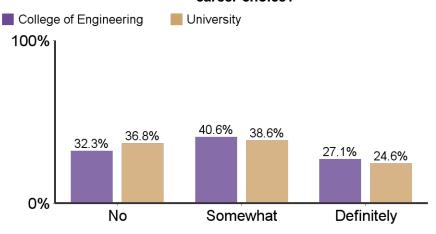
Senior Survey

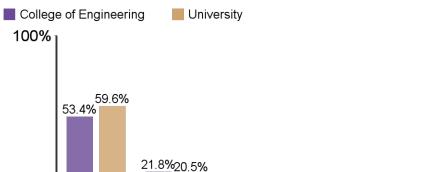
KANSAS STATE

# To what extent did your research experience contribute to your academic success?



# Did your research experience contribute to your career choice?





12.0%12.5%

5-6

9.0%

4.8%

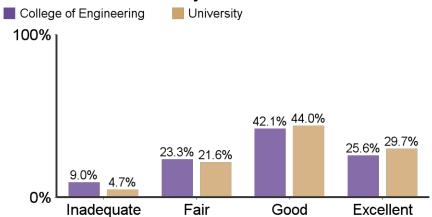
7-8

3.8% 2.6%

9 or more

#### Number of semesters involved in a research or creative endeavor:





#### Prepared by the Office of Assessment

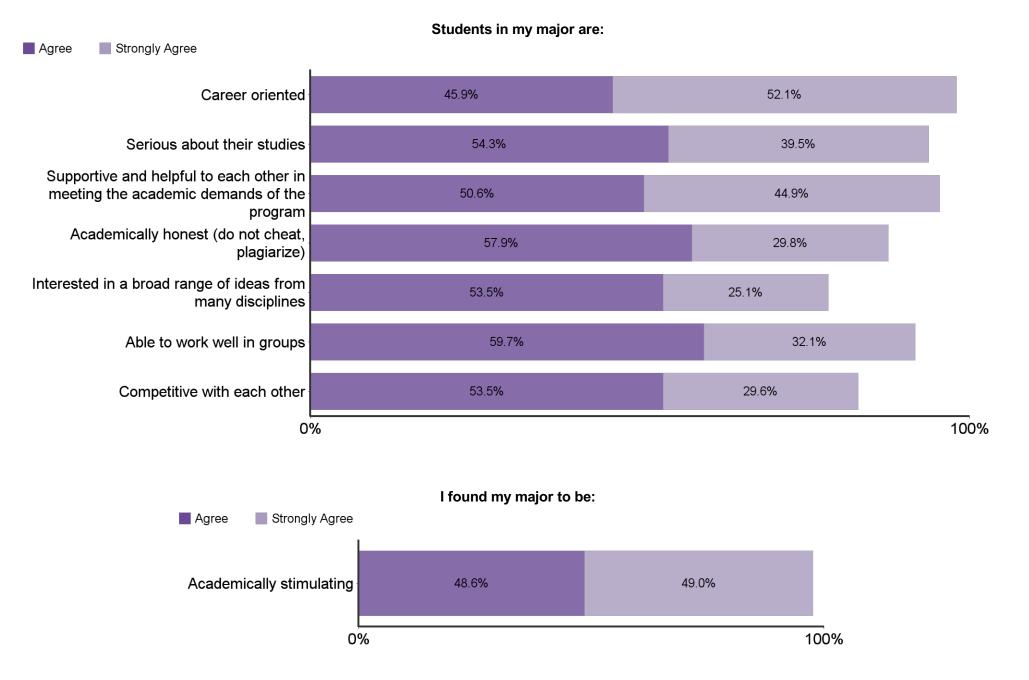
0%

1-2

3-4

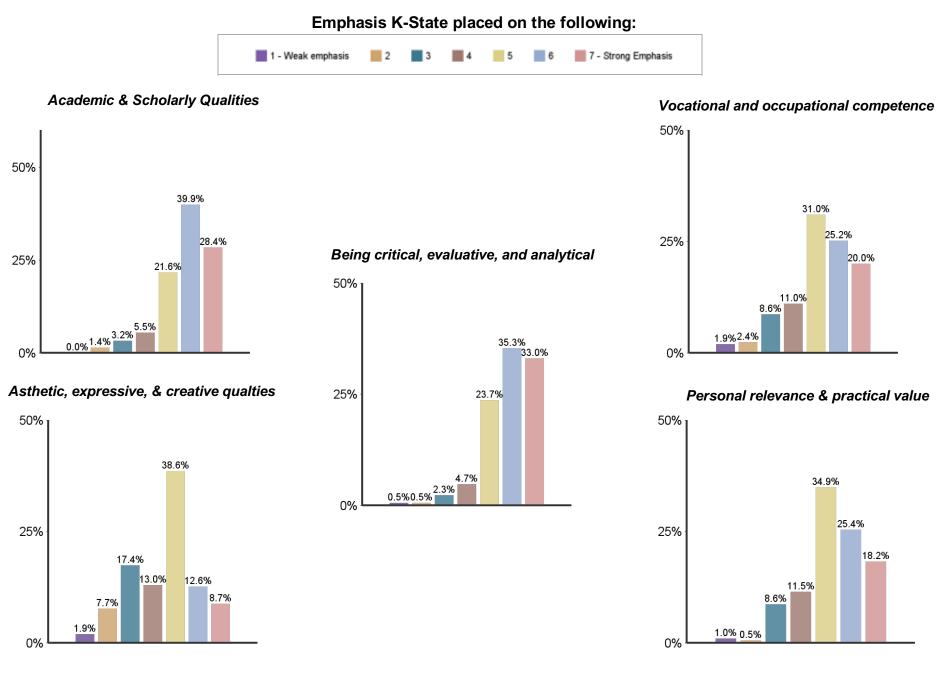
### 2015-16 College of Engineering Report

Section IIb: 2025--Undergraduate Educational Experience



### 2015-16 College of Engineering Report

Section IIb: 2025--Undergraduate Educational Experience



### 2015-16 College of Engineering Report

Section IIb: 2025--Undergraduate Educational Experience

#### Progress made in K-State undergraduate learning outcomes:

Some A Lot (None and A Little not shown)

Gained a broad general education about different fields of knowledge	40.3%		55.1%	
Improved written communication skills	44.1%		43.6%	
Improved oral communication skills	34.7%		51.7%	
Improved graphic and technological communication skills	38.7%		55.7%	
Improved ability to think critically (analytically and logically)	25.0%		71.2%	
Developed own values and ethical standards	35.6%		50.8%	
Understand the ethical standards of your discipline or profession	34.7%		60.2%	
Ability to interact positively with people who are different from you	38.3%		54.5%	
Understand your abilities, interests, and personality	32.8%		59.6%	
Understand other people and their abilities, interests, and perspectives	42.4%		47.9%	
Ability to participate as a team member	36.6%		56.6%	
Developed good health habits and physical fitness	32.6%	25.4%		
09	%			1

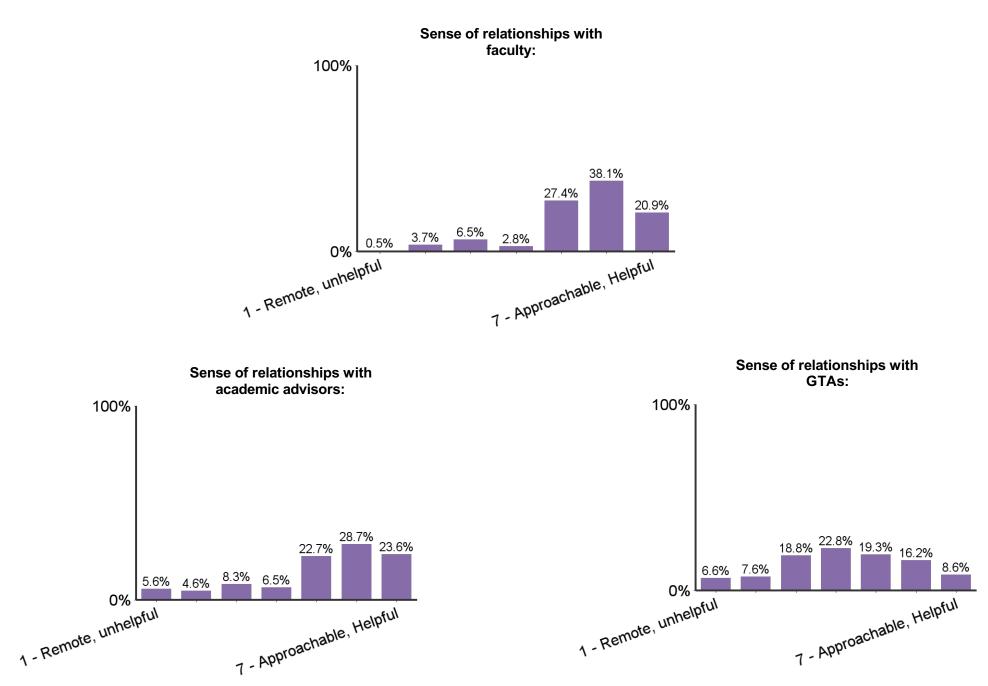
#### Progress made in K-State 8 general education learning outcomes

Some A Lot (None and A Little not shown)

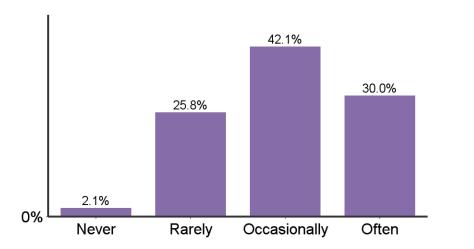
Developed interpretive skills and heightened sensitivity to literature and the performing and visual arts.	37.6%	10.5%			
Developed academic research skills.	35.4%		46.7%		
Developed the ability to make ethical and thoughtful decisions.	- 54.2%			36.1%	
Explored alternative values, perspectives, and beliefs from around the world	1 .39 .5%		24.1%		
Realized the need to understand the past and thoughtfully consider the future.	44.7%		31.6%		
Developed an awareness of self and perspectives about U.S. society and how group affiliation affects perceptions and experiences.	49.8%		24.2	%	
Developed the ability to evaluate scientific and technological claims related to the natural and physical world.	43.9%			43.9%	
Understand and analyze how individuals, groups and societies behave and influence on another and the natural environment.	46.5%		25.9%		
0	%				

7

Section IIc: 2025--Faculty and Staff

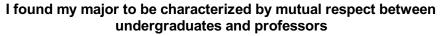


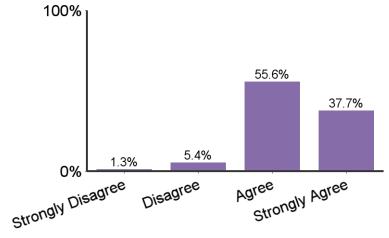
Section IIc: 2025--Faculty and Staff



#### How often did you interact with faculty outside of class time?

Senior Survey





In my major, faculty:

#### Agree Strongly Agree

**KANSAS STATE** 

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Faculty are accessible for out-of-class assistance	62.5%	32.	1%
Faculty are effective teachers	59.8%	28.9%	
Faculty are interested in the academic and professional development of students	56.5%	35.6%	
Faculty introduced students to a broad range of ideas, perspectives, and worldviews	57.7%	26.8%	
Faculty are interested in the personal development of students	57.1%	27.9%	
Faculty listen and respond to undergraduates regarding student needs, concerns, and suggestions	62.9%	25.4%	
Faculty/Advisor provided high-quality advising	47.5%	28.8%	
Faculty/Advisor/Staff provided support in finding appropriate employment or pursuing graduate study	46.9%	27.2%	
0	%		

100%

# KANSAS STATE UNIVERSITY Senior Survey

Section III: Demographics

Responses by Major			
	Bar	Percent	Count
Mechanical Engineering	-	23.0%	58
Chemical Engineering	•	12.3%	31
Electrical Engineering	•	10.7%	27
Architectural Engineering	•	9.5%	24
Civil Engineering	•	9.5%	24
Construction Sci And Mgmt	•	9.1%	23
Industrial Engineering	•	7.5%	19
Biological Systems Engg	•	7.1%	18
Computer Science	•	6.0%	15
Computer Engineering	I	3.2%	8
Information Systems		2.0%	5
Total	-	100.0%	252

Responses by Gender			
	Bar	Percent	Count
Female		19.4%	49
Male		80.6%	203

Responses by Race/Ethnicity			
	Bar	Percent	Count
WHITE		80.2%	202
ASIAN		8.3%	21
HISPANIC		4.8%	12
NOTSPEC	I	3.6%	9
MULTIRAC	I	2.0%	5
BLACK		1.2%	3

Responses by Semester			
	Bar	Percent	Count
Spring		57.9%	146
Fall		41.7%	105
Summer		0.4%	1

2015-16 College of Engineering Report

Section III: Demographics

Responses by Citizenship Status			
	Bar	Percent	Count
Citizen		89.3%	225
Non-Citizen		10.7%	27

Credit Hours Transferred to K-State		
	Mean	
Transfer Credit Hours	28.4	

Age of Respondents		
	Mean	
Age	23.4	

K-State Undergraduate GPA of Respondents				
Mean				
GPA	3.2			



Section IV: K-State Office and Services

Please rate your level of awareness and sa	atisfaction with	the following K-Sta	te Offices		
	Did Not Know About	Knew About, But Did Not Use	Used and was Dissatisfied	Used and was Satisfied	Count
Office of Student Financial Assistance	5.8%	46.9%	8.5%	38.8%	224
Office of the Registrar	9.8%	36.6%	4.9%	48.7%	224
Office of Non-Traditional and Veteran Student Services	33.9%	55.8%	3.1%	7.1%	224
Office of Student Life	12.5%	66.1%	4.5%	17.0%	224
Office of Diversity	30.5%	62.3%	3.1%	4.0%	223
Office of Career and Employment Services	1.8%	24.2%	8.1%	65.9%	223
Office of Student Activities & Services (activities carnival, SafeRide, student legal services, etc.)	9.0%	54.1%	5.0%	32.0%	222
Office of Parking services	3.1%	22.9%	47.5%	26.5%	223
Counseling Services	8.1%	78.5%	3.1%	10.3%	223
Women's Center	34.1%	59.2%	2.7%	4.0%	223
Student Access Center	40.6%	47.8%	3.6%	8.0%	224
Academic and Career Information Center (assistance with exploring majors and matching your interests, abilities and values to possible occupations)	32.3%	43.5%	4.5%	19.7%	223
Academic Assistance Center (PILOTS, study skills, testing services, University Experience, etc.)	40.6%	46.0%	4.5%	8.9%	224
Educational Supportive Services (ESS) (TRiO, tutoring, writing and math assistance, etc.)	31.4%	43.9%	4.5%	20.2%	223
Powercat Financial Counseling	17.0%	67.4%	5.4%	10.3%	224

Prepared by the Office of Assessment

KANSAS STATE UNIVERSITY Senior Survey

Section IV: K-State Office and Services

Please rate your level of awareness and satisfaction with the following Library services							
	Did Not KnowKnew About, But DidUsed and wasUsed and wasAboutNot UseDissatisfiedSatisfied						
Library facilities (atmosphere, available seating, hours)	0.9%	8.9%	8.5%	81.7%	224		
Library staff (assistance in research, effectively finding information, learning how to use the libraries)	2.2%	21.9%	3.6%	72.3%	224		
Library holdings (quality and quantity)	7.6%	28.7%	4.9%	58.7%	223		
Access to electronic library resources (databases, electronic journals, and electronic books)	0.9%	10.3%	7.1%	81.7%	224		

	Did Not Know	Knew About, But Di	d Used and was	Used and was	Count
	About	Not Use	Dissatisfied	Satisfied	Count
Residence hall food service	5.0%	29.7%	7.7%	57.7%	222
Residence hall facilities	5.4%	31.2%	9.5%	53.8%	221
Residence hall services and programs	7.2%	40.3%	6.3%	46.2%	221
Lafene Health Center	0.5%	24.3%	15.8%	59.5%	222
K-State Student Union food service	0.5%	11.9%	13.2%	74.4%	219
Union Program Council (UPC)	7.7%	33.9%	5.0%	53.4%	221
Greek experience (fraternity/sorority)	5.9%	64.9%	6.3%	23.0%	222
Recreation Services	1.8%	10.9%	3.6%	83.7%	221
University Life Cafe	48.9%	42.5%	2.7%	5.9%	221
Center for Child Development	33.5%	61.5%	1.8%	3.2%	221
Multicultural Student Organizations	23.1%	66.1%	2.3%	8.6%	221
Alcohol and other drug educational services	17.1%	54.1%	14.4%	14.4%	222
Healthy Decisions (assists students with identifying sources of support)	45.5%	46.4%	2.3%	5.9%	220

KANSAS STATE UNIVERSITY Senior Survey

Section IV: K-State Office and Services

Please rate your level of awareness and satisfaction with the following Student Academic Services:								
	Did Not Know About	Knew About, But I Not Use	Did Used and was Dissatisfied	Used and was Satisfied	Count			
Recruitment materials and manner in which information was made available to you	20.9%	26.4%	4.5%	48.2%	220			
Admissions services and online application	7.3%	16.8%	6.8%	69.1%	220			
kSIS and its many applications	0.9%	1.8%	15.8%	81.4%	221			
DARS (Degree Audit Registration System)	0.0%	1.8%	9.1%	89.0%	219			
Scholarship House (Clovia, Smith, Smurthwaite)	18.2%	70.5%	3.2%	8.2%	220			
Developing Scholars Program	50.5%	40.4%	4.6%	4.6%	218			
McNair Scholars Program	55.3%	37.9%	3.7%	3.2%	219			
Convocations/Lectures (e.g. Landon, Lou Douglas, Dorothy Thompson, departmental, etc.)	31.5%	41.1%	3.7%	23.7%	219			
SALT (www.saltmoney.org/k-state) - A free online financial tool provided by Powercat Financial Counseling.	22.3%	61.4%	6.8%	9.5%	220			

Please rate your level of awareness and satisfaction with the following additional service/areas:						
	Did Not KnowKnew About, But DidUsed and wasUsed and wasAboutNot UseDissatisfiedSatisfied					
Parking availability	1.4%	13.5%	70.7%	14.4%	222	
Parking facilities (maintenance, appearance, etc.)	0.5%	17.2%	38.9%	43.4%	221	
Campus bookstore	0.5%	7.7%	35.3%	56.6%	221	
Campus safety	1.8%	25.5%	6.4%	66.4%	220	
McCain Performance Series	4.1%	37.3%	3.6%	55.0%	220	
Collegian (campus newspaper)	2.7%	30.0%	13.2%	54.1%	220	
Royal Purple Yearbook	6.4%	78.6%	5.0%	10.0%	220	

KANSAS STATE UNIVERSITY Senior Survey

Section V: Results Tables

#### In your K-State experience, how often have you had discussions with people from the following groups?

	Never	Sometimes	Often	Very Often	Count	Average Value
People with political opinions of than your own	7.6%	41.9%	34.3%	16.1%	236	2.6
People with religious beliefs other than your own	8.5%	41.9%	36.9%	12.7%	236	2.5
People from economic situations other than your own	5.1%	29.7%	43.6%	21.6%	236	2.8
People of races or ethnicities other than your own	4.7%	33.1%	41.9%	20.3%	236	2.8

How often did your K-State courses include diverse perspectives (political views, religious beliefs, racial/ethnic backgrounds, gender identities, etc.) in activities, assignments, and discussions?

	Percent	Count
Never	25.1%	59
Sometimes	61.7%	145
Often	10.6%	25
Very Often	2.6%	6



Section V: Results Tables

unt	
	Percent
35	75.8%
43	58.6%
12	45.9%
5	26.6%
3	9.4%
3	9.4%
2	33.6%
33	54.5%
42	58.2%
26	51.6%
9	7.8%
	43 12 5 3 3 2 33 42 26

# What percentage of your courses at K-State did you complete through distance education (i.e. online, video conferencing, etc.)?

	Count	Percent				
I did not complete any courses through distance education; all of my courses were completed on-campus	118	48.0%				
25% or less	123	50.0%				
26%-50%	2	0.8%				
51%-75%						
76%-99%	2	0.8%				
All of my courses were completed through distance education	1	0.4%				
Total	246	100.0%				
During your time at K-State, how many of your courses included a service- learning component (such as a community or volunteer project)?						

learning component (such as a community or volunteer project)?						
	Count	Percent				
None	139	56.5%				
Some	107	43.5%				
Most						
All						
Total	246	100.0%				

#### During your years at Kansas State University, how many hours per week, on average, did you spend in the following activities?

	None	1-10	11-20	21-30	30+
Internship/Practicum	50.8%	16.8%	9.7%	1.7%	3.8%
On-campus employment	42.0%	24.8%	26.9%	3.8%	2.5%
Off-campus employment	58.6%	15.1%	14.2%	6.0%	6.0%
Volunteer (unpaid) activities	40.0%	47.2%	9.8%	1.3%	1.7%

# KANSAS STATE UNIVERSITY Senior Survey

What is your general attitude toward Kansas State University?			
	Count	Percent	
Very Negative	3	1.2%	
Negative	11	4.5%	
Positive	104	42.3%	
Very Positive	128	52.0%	
Total	246	100.0%	

When you applied to K-State, either as a new freshmen or transfer student, it was your:				
	Count	Percent		
First Choice	194	78.9%		
Second Choice	38	15.4%		
Third Choice	7	2.8%		
Last Choice	7	2.8%		
Total	246	100.0%		

Would you recommend Kansas State University to others?				
	Count	Percent		
Definitely No	4	1.6%		
Probably No	6	2.4%		
Probably Yes	83	33.7%		
Definitely Yes	153	62.2%		
Total	246	100.0%		



Students in my major are:					
	Strongly Disagree	Disagree	Agree	Strongly Agree	Count
Career oriented	1.2%	0.8%	45.9%	52.1%	242
Serious about their studies	1.2%	4.9%	54.3%	39.5%	243
Supportive and helpful to each other in meeting the academic demands of the program	1.2%	3.3%	50.6%	44.9%	243
Academically honest (do not cheat, plagiarize)	2.5%	9.9%	57.9%	29.8%	242
Interested in a broad range of ideas from many disciplines	3.3%	18.1%	53.5%	25.1%	243
Able to work well in groups	2.1%	6.2%	59.7%	32.1%	243
Competitive with each other	1.6%	15.2%	53.5%	29.6%	243

Students in my major are encouraged to:					
	Strongly Disagree	Disagree	Agree	Strongly Agree	Count
Become personally acquainted with the department's faculty	2.1%	14.8%	53.9%	29.2%	243
Participate in professional interest groups	0.8%	16.0%	56.8%	26.3%	243
Attend professional seminars and colloquia	2.1%	16.9%	51.7%	29.3%	242
Become familiar with current and emerging technology	2.1%	11.9%	53.9%	32.1%	243
Participate in research or creative projects with faculty or other students	1.7%	14.0%	60.3%	24.0%	242



I found the major to be:					
	Strongly Disagree	Disagree	Agree	Strongly Agree	Count
Characterized by mutual respect between undergraduate majors and professors	1.3%	5.4%	55.6%	37.7%	239
Academically stimulating	1.2%	1.2%	48.6%	49.0%	243

In my major:					
	Strongly Disagree	Disagree	Agree	Strongly Agree	Count
Faculty are accessible for out-of-class assistance	0.4%	5.0%	62.5%	32.1%	240
Faculty are effective teachers	1.3%	10.0%	59.8%	28.9%	239
Faculty are interested in the academic and professional development of students	0.4%	7.5%	56.5%	35.6%	239
Faculty introduced students to a broad range of ideas, perspectives, and worldviews	0.8%	14.6%	57.7%	26.8%	239
Faculty are interested in the personal development of students	2.5%	12.5%	57.1%	27.9%	240
Faculty listen and respond to undergraduates regarding student needs, concerns, and suggestions	1.7%	10.0%	62.9%	25.4%	240
Faculty/Advisor provided high-quality advising	7.5%	16.3%	47.5%	28.7%	240
Faculty/Advisor/Staff provided support in finding appropriate employment or pursuing graduate study	7.9%	18.0%	46.9%	27.2%	239



Sense of belonging: (Rated on a scale 1 to 7, 1 being a sense of alienation and 7 a sense of belonging)				
Count Average Value				
Relationships with other students, student groups, and activities	229	5.5		

Relationships with faculty and staff: (Rated on a scale of 1 to 7, 1 being unsympathetic, remote, unhelpful, and 7 approachable, understandable, helpful)				
Count Average Value				
Relationships with faculty members	215	5.5		
Relationships with academic advisor(s)2165.2				
Relationships with Graduate Teaching Assistants (GTAs)	197	4.2		

How often did you interact with faculty outside of class time?				
	Count	Percent		
Never	5	2.1%		
Rarely	62	25.8%		
Occasionally	101	42.1%		
Often	72	30.0%		
Total	240	100.0%		

Section V: Results Tables



Did you participate in an undergraduate research experience of creative endeavor?				
	Count	Percent		
Yes	134	55.8%		
No	106	44.2%		
Total	240	100.0%		

How would you rate the contribution of your mentor research/creative experience?				
	Count	Percent of those who participated in research		
Inadequate	12	9.0%		
Fair	31	23.3%		
Good	56	42.1%		
Excellent	34	25.6%		
Total	133	100.0%		

To what extent did your research/creative experience contribute to your academic success?					
	Count Percent of those wh participated in resea				
None	10	7.5%			
Little	30	22.6%			
Somewhat	50	37.6%			
Very Much	43	32.3%			
Total	133	100.0%			

Did your research/creative experience contribute to your career choice?						
	Count Percent of those wh participated in resear					
No	43	32.3%				
Somewhat	54	40.6%				
Definitely	36	27.1%				
Total	133	100.0%				

How many semesters were you involved in a research/creative endeavor?				
	Count	Percent of those who participated in research		
1-2	71	53.4%		
3-4	29	21.8%		
5-6	16	12.0%		
7-8	12	9.0%		
9 or more	5	3.8%		
Total	133	100.0%		

#### What types of dissemination of your undergraduate research/creative endeavor did you successfully achieve? (select all that apply)

	Count	Percent of those who participated in research
University research seminar presentation/poster	42	33.6%
Class presentation	68	54.4%
Poster at a conference outside of campus	20	16.0%
Oral presentation at a conference outside of campus	30	24.0%
Public performance/exhibition on campus	39	31.2%
Public performance/exhibition outside of campus	21	16.8%
Peer reviewed publication	22	17.6%
Other:	14	11.2%

Prepared by the Office of Assessment



As a result of your experience at Kansas State University, how much progress do you feel you have made in each of the following K-State 8 areas?						
	None	Little	Some	A Lot	Count	Average Value
Developed interpretive skills and heightened sensitivity to literature and the performing and visual arts.	13.5%	38.4%	39.2%	10.5%	229	2.4
Developed academic research skills.	2.6%	15.3%	56.9%	46.7%	229	3.3
Developed the ability to make ethical and thoughtful decisions.	2.6%	7.0%	37.3%	36.1%	227	3.2
Explored alternative values, perspectives, and beliefs from around the world	8.8%	27.6%	41.2%	24.1%	228	2.8
Realized the need to understand the past and thoughtfully consider the future.	4.4%	19.3%	42.9%	31.6%	228	3
Developed an awareness of self and perspectives about U.S. society and how group affiliation affects perceptions and experiences.	6.2%	19.8%	47.1%	24.2%	227	2.9
Developed the ability to evaluate scientific and technological claims related to the natural and physical world.	2.6%	9.6%	45.1%	43.9%	228	3.3
Understand and analyze how individuals, groups and societies behave and influence on another and the natural environment.	4.8%	22.8%	41.2%	25.9%	228	2.9



As a result of your experience at Kansas State University, how much progress do you feel you have made in each of the following Undergraduate Learning Outcomes?						
	None	Little	Some	A Lot	Count	Average Value
Gained a broad general education about different fields of knowledge	0.8%	3.8%	40.3%	55.1%	236	3.5
Improved written communication skills	2.1%	10.2%	44.1%	43.6%	236	3.3
Improved oral communication skills	2.5%	11.0%	34.7%	51.7%	236	3.4
Improved graphic and technological communication skills	1.3%	4.3%	38.7%	55.7%	235	3.5
Improved ability to think critically (analytically and logically)	1.3%	2.5%	25.0%	71.2%	236	3.7
Developed own values and ethical standards	3.0%	10.6%	35.6%	50.8%	236	3.3
Understand the ethical standards of your discipline or profession	1.7%	3.4%	34.7%	60.2%	236	3.5
Ability to interact positively with people who are different from you	1.3%	6.0%	38.3%	54.5%	235	3.5
Understand your abilities, interests, and personality	2.6%	5.1%	32.8%	59.6%	235	3.5
Understand other people and their abilities, interests, and perspectives	1.3%	8.5%	42.4%	47.9%	236	3.4
Ability to participate as a team member	2.1%	4.7%	36.6%	56.6%	235	3.5
Developed good health habits and physical fitness	16.1%	25.8%	32.6%	25.4%	236	2.7

# KANSAS STATE UNIVERSITY Senior Survey

Universities differ from one another in the extent to which they emphasize various aspects of student development. Think of your experience at Kansas State University. To what extent was each of the following emphasized? (Rated on a scale of 1 to 7, 1 being a weak emphasis and 7 strong emphasis)				
	Count	Average Value		
The development of academic, scholarly, and intellectual qualities	218	5.8		
The development of aesthetic, expressive, and creative qualities	207	4.5		
Being critical, evaluative, and analytical	215	5.9		
The development of vocational and occupational competence	210	5.2		
The personal relevance and practical value of your courses	209	5.3		

What are your plans after graduation?					
	Count	%			
Have a job that will continue after graduation	15	6.7%			
Have a job lined up to begin after graduation	143	63.8%			
Will begin to look for a job	33	14.7%			
Pursue additional undergraduate education	1	0.4%			
Will attend graduate school	24	10.7%			
Volunteer service (Peace Corps, AmeriCorps, etc.)		0.0%			
No plans for a job at this time	2	0.9%			
Military	1	0.4%			
Starting or raising a family	1	0.4%			
Other	4	1.8%			