



KANSAS BOARD OF REGENTS

University Engineering Initiative

January 2017

Recognizing the competitive need for an increase in the number of engineering graduates in Kansas, beginning in 2012 the legislature provided appropriations totaling \$105M over 10 years to Kansas State University, the University of Kansas, and Wichita State University **to ensure engineering industry partners find the new talent, designs, and techniques needed to fuel economic growth and business success in Kansas.** Each university is matching this legislative investment, dollar for dollar, resulting in over \$200M being directed towards the education of engineers in Kansas.

Through increased enrollments, better connections for students at critical stages with Kansas companies, and increased opportunities for scholarships and internships, the three universities will **increase undergraduate engineering degrees to 1,365 annually by 2021.**

Outcomes	Kansas State University						
	Baseline	Targeted Goal (2021)	2011-12 (AY)	2012-13 (AY)	2013-14 (AY)	2014-15 (AY)	2015-16 (AY)
Engineering students enrolled	2,960		2,988	3,116	3,306	3,450	3,599
Engineering graduates	423	587	480	471	529	498	494
Engineering graduates in Kansas	~	~	219	193	225	221	
Starting wages for engineering graduates in Kansas	~	~	\$48,314**	\$48,065**	\$51,545**	\$55,310**	
Engineering graduates in Kansas City Metro Area*	~	~		99	124	134	
Scholarships for engineering majors	~	~	\$4.9 M	\$6.1 M	\$7.3 M	\$7.6 M	
Number of students with engineering internships	~	~		218	179	879 ^	
Number of students with engineering internships in Kansas	~	~		120	99	605 ^	
Number of Kansas companies offering internships	~	~		71	63	204 ^	
Research dollars from corporate/ private sources	~	~	\$1.8 M	\$1.7 M	\$1.6 M	\$4.8 M	
Research dollars from other sources	~	~	\$14.6 M	\$14.2 M	\$13.1 M	\$12.0 M	
New endowment gifts	~	~	\$3.9 M	\$73.9 M	\$1.9 M	\$3.4 M	

Outcomes	University of Kansas						
	Baseline	Targeted Goal (2021)	2011-12 (AY)	2012-13 (AY)	2013-14 (AY)	2014-15 (AY)	2015-16 (AY)
Engineering students enrolled	1,684		1,898	2,105	2,261	2,342	2,381
Engineering graduates	255	419	335	338	367	400	499
Engineering graduates in Kansas	~	~	133	122	115	156	
Starting wages for engineering graduates in Kansas	~	~	\$46,340**	\$46,510**	\$50,548**	\$48,279**	
Engineering graduates in Kansas City Metro Area*	~	~			73	72	
Scholarships for engineering majors	~	~	\$2.2 M		\$6.3 M	\$9.2 M	
Number of students with engineering internships	~	~			266	295	
Number of students with engineering internships in Kansas	~	~				220	
Number of Kansas companies offering internships	~	~			204	196	
Research dollars from corporate/ private sources	~	~	\$1.7 M		\$2.1 M	\$1.8 M	
Research dollars from other sources	~	~	\$9.7 M		\$11.8 M	\$12.6 M	
New endowment gifts	~	~	\$8.0 M		\$4.1 M	\$18.2 M	

Outcomes	Wichita State University						
	Baseline	Targeted Goal (2021)	2011-12 (AY)	2012-13 (AY)	2013-14 (AY)	2014-15 (AY)	2015-16 (AY)
Engineering students enrolled	1,291		1,690	1,791	2,071	2,200	2,240
Engineering graduates	197	361	214	208	238	267	292
Engineering graduates in Kansas	~	~	149	131	145	154	
Starting wages for engineering graduates in Kansas	~	~	\$44,216**	\$45,334**	\$44,623**	\$49,043**	
Engineering graduates in Kansas City Metro Area*	~	~		2	4		
Scholarships for engineering majors	~	~	\$3.4 M	\$5.6 M	\$5.7 M	\$5.3 M	
Number of students with engineering internships	~	~		237	357	332	
Number of students with engineering internships in Kansas	~	~				313	
Number of Kansas companies offering internships	~	~		71	68	74	
Research dollars from corporate/ private sources	~	~	\$23.4 M	\$25.9 M	\$26.7 M	\$30.5 M	
Research dollars from other sources	~	~	\$14.6 M	\$14.8 M	\$14.6 M	\$13.0 M	
New endowment gifts	~	~	\$0.5 M	\$1.86 M	\$2.6 M	\$3.7 M	

Source of Enrollments and Graduates: KHEDS AY Collection; Source of Employment and Wage: Kansas Department of Labor

~ Universities report baseline data only for the number of engineering students enrolled/graduated
 * Includes Kansas and Missouri
 **Wage data was recalculated for a number of programs where duplication had produced errors (1/13/17)
 ^ this university changed the method of data collection for this metric beginning in AY 2015