



UNIVERSITY *of*
DENVER

STUDENT LIFE
Career Services

University of Denver

At-Graduation Employment Report

Graduate: Ritchie School of Engineering & Computer Science

Spring 2013

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University of Denver Graduate Student At-Graduation Employment Survey: Spring 2013: RSECS

The current report details the spring 2013 employment survey responses of students graduating from a Ritchie School of Engineering and Computer Science graduate program after the spring 2013 quarter. Out of the 18¹ students graduating with one or more RSECS degrees, a total of 13 participated in the survey for a final response rate of approximately 72.2%, a figure slightly below the overall graduate student rate of 80.1%. University-wide comparison data² has been provided for some of the following items. For additional comparison information or for details on the administration of the survey please see the full university-wide report.

Table 1. RSECS Respondent Majors: The following table details the breakdown of RSECS respondents by program. All respondent program affiliations have been verified against university records.

Major	Frequency	Percent of School's Reported Majors
Mechanical Engineering	4	30.8%
Mechatronic Systems Engineering	3	23.1%
Computer Science	2	15.4%
Engineering	2	15.4%
Electrical Engineering	1	7.7%
Nanoscale Science & Engineering	1	7.7%
<i>total</i>		

Table 2. At-Graduation Employment Status/Education Plans: The following table details the post-graduation plans for spring 2013 RSECS graduates.

Status	All Grad 2013		RSECS 2012		RSECS 2013	
	Freq.	Percent	Freq.	Percent	Freq.	Percent
Accepted an employment offer/currently employed/self-employed	364 ³	53.6%	16	80.0%	9	69.2%
Not employed and seeking employment	277	40.8%	3	15.0%	-	-
Attending graduate school starting in summer or fall 2013	38	5.6%	1	5.0%	4	30.8%
<i>total</i>	679		20		13	

Table 3. Previously Held Positions: The following table lists the percent of employed students whose employment has been designated as previously held. Previously held employment is defined as employment acquired more than nine months before graduation.

	All Grad 2013	RSECS 2012	RSECS 2013
Percent Prev. Emp.	33.9%	81.3%	66.7%

¹The figure 18 reflects the number of students graduating from a RSECS graduate program after the spring 2013 quarter as indicated by university records on August 28, 2013.

²Please note that your school's data were included in the calculation of the university-wide comparison figures presented in this report. Additionally, comparison figures do not include data from law or business graduates.

³Includes students indicating self-employment.

Table 4. Compensation: 2013 compensation figures for RSECS graduates are based on five full-time, domestic, non-internship, non-volunteer positions. Compensation figures are also provided for previous and new employment.

	Annual Compensation				
	All Grad 2013	RSECS 2012	RSECS 2013 All	RSECS 2013 Prev. Emp.	RSECS 2013 New Emp.
Mean	\$50,978.82	\$77,600.00	\$67,994.20	\$73,323.67	-
Median	\$45,000.00	\$73,000.00	\$70,000.00	\$74,971.00	-

Table 5. Full-Time and Part-Time Employment: The following table details the breakdown of full-time and part-time employment for all reported positions. Percentages are also provided for previous and new employment.

	All Grad 2013		RSECS 2012		RSECS 2013 All		RSECS 2013 Prev. Emp.		RSECS 2013 New Emp.	
	Freq.	Percent	Freq.	Percent	Freq.	Percent	Freq.	Percent	Freq.	Percent
Full-Time	275	79.3%	16	100.0%	9	100.0%	6	100.0%	2	100.0%
Part-Time	72	20.7%	-	-	-	-	-	-	-	-
<i>total</i>			16		9		6		2	

Table 6. Major/Field of Study Preparation: The following table indicates students' self-reported beliefs regarding whether or not their majors/fields of study prepared them for their current positions. Breakdown for new and previously held employment groups is provided.

	All Grad 2013		RSECS 2012		RSECS 2013		RSECS 2013 Prev. Emp.		RSECS 2013 New Emp.	
	Freq.	Percent	Freq.	Percent	Freq.	Percent	Freq.	Percent	Freq.	Percent
Yes	307	88.7%	16	100.0%	7	77.8%	4	66.7%	2	100.0%
No	39	11.3%	-	-	2	22.2%	2	33.3%	-	-
<i>total</i>	346		16				6		2	

Table 7. Degree Required: The following table details whether the students' degrees were required for their positions. Responses are provided for previously employed and new employment groups as well.

	All Grad 2013		RSECS 2013 All		Prev. Emp.		New Emp.	
	Freq.	Percent	Freq.	Percent	Freq.	Percent	Freq.	Percent
Degree is required for position.	114	33.7%	2	25.0%	2	40.0%	-	-
Degree offered an advantage in acquiring the position.	147	43.5%	4	50.0%	1	20.0%	2	100.0%
Degree is not required, nor did it offer and advantage.	77	22.8%	2	25.0%	2	40.0%	-	-
<i>total</i>	338		8		5		2	

Table 8. Job Search Length: The table indicates the length of time that it took students to find and secure their reported positions.

	All Grad 2013		RSECS 2012		RSECS 2013	
	Freq.	Percent	Freq.	Percent	Freq.	Percent
Less than 6 mo.	251	79.9%	15	93.8%	8	100.0%
6 to 12 mo.	40	12.7%	1	6.3%	-	-
Greater than 12 mo.	23	7.3%	-	-	-	-
<i>total</i>	314		16		8	

Table 9. Category Best Describing How Job was Found: The following table details student responses regarding which of the column one categories best describe how the reported position was found.

	All Grad 2013		RSECS 2013	
	Freq.	Percent	Freq.	Percent
Family or Friends	28	8.6%	-	-
Internship Turned into a job	65	20.1%	1	12.5%
Pioneer Careers	2	0.6%	-	-
Faculty	16	4.9%	1	12.5%
Other online job board (craigslist, CareerBuilder, monster, etc.)	28	8.6%	1	12.5%
DU event such as a career fair/expo, workshop, seminar or city trek	4	1.2%	-	-
Previous employer	22	6.8%	1	12.5%
Applied directly to organization	80	24.7%	1	12.5%
Alumni referral	4	1.2%	1	12.5%
Networking connections	34	10.5%	2	25.0%
Other	41	12.7%	-	-
<i>total</i>	324		8	

Table 10. Full-Time Offers Received: The table details the number of employment offers received by respondents.

Number of Offers	All Grad 2013		RSECS 2012		RSECS 2013	
	Freq.	Percent	Freq.	Percent	Freq.	Percent
0	301	46.0%	5	26.3%	6	46.2%
1	227	34.7%	9	47.4%	3	23.1%
2	84	12.8%	5	26.3%	3	23.1%
3	26	4.0%	-	-	-	-
4 or more	17	2.6%	-	-	1	7.7%
<i>total</i>	655		19		13	

Table 11. Top Industries: The table displays RSECS student responses to an item asking them to select the category that most closely represents the type of organization with which they have accepted employment.

Industry	RSECS 2012		RSECS 2013	
	Freq.	Percent	Freq.	Percent
Engineering	13	81.3%	6	66.7%
Pharmaceuticals/Biotech/Health	1	6.3%	-	-
Technology/Science	2	12.5%	2	22.2%
Other	-	-	1	11.1%
<i>total</i>	16		9	

Table 12. Domestic Jobs by State: The table indicates all states in which RSECS students indicated being employed from greatest number of reports to least.

State	RSECS 2012		RSECS 2013	
	Freq.	Percent	Freq.	Percent
Colorado	13	81.3%	7	87.5%
Texas	3	18.8%	1	12.5%
<i>total</i>	16		8	

Table 13. Internships Completed While at DU: The table details the number of internships completed while at DU for RSECS respondents.

Number of Internships	All Grad 2013		RSECS 2012		RSECS 2013	
	Freq.	Percent	Freq.	Percent	Freq.	Percent
0	174	26.4%	16	84.2%	12	92.3%
1	205	31.1%	2	10.5%	-	-
2	215	32.6%	-	-	1	7.7%
3	47	7.1%	1	5.3%	-	-
4 or more	19	2.9%	-	-	-	-
<i>total</i>	660		19		13	

Table 14. Top College or University: The following table displays all colleges and universities at which spring 2013 RSECS grads were enrolled.

School	Frequency
DU	3
Ohio State University	1

Table 15. Top Fields of Study: The table details the most frequently reported fields of study for RSECS graduates who indicated that they were beginning a graduate program in summer or fall of 2013.

Field of Study	Frequency
Mechanical Engineering	3
Bioengineering	1