



UNIVERSITY of
DENVER

STUDENT LIFE
Career Services

University of Denver

At-Graduation Employment Report

Undergraduate: RSECS

Spring 2013

2050 E. Evans Avenue, Suite 30 (Driscoll Center South) Denver, CO 80210

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

The current report details the spring 2013 employment survey responses of undergraduate students graduating from Ritchie School of Engineering and Computer Science programs after the spring 2013 quarter. Out of the 28¹ students graduating with one or more RSECS undergraduate degrees, a total of 23 participated in the survey for a final response rate of 82.1%, a figure slightly below the overall undergraduate rate of 89.6%. University-wide and previous year RSECS comparison data² has been provided for several 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 frequency with which SECS majors were reported. Students with multiple majors were included in the calculations. All instances of students indicating a major have been verified against university records.

Major	Frequency	Percent of School's Reported Majors
Mechanical Engineering	8	34.8%
Computer Science	3	13.0%
Animation and Game Dev.	3	13.0%
Computer Engineering	1	4.3%
Electrical Engineering	7	30.4%
Applied Computing	1	4.3%
<i>total</i>	23	

Table 2. At-Graduation Employment Status/Education Plans: The following table details the post-graduation plans for spring 2013 RSECS graduates. The single RSECS student indicating that they were unemployed and not seeking employment was excluded from these calculations.

Status	All Undergrad 2013		RSECS 2012		RSECS 2013	
	Freq.	Percent	Freq.	Percent	Freq.	Percent
Accepted an employment offer/currently employed/self-employed	324 ³	47.6%	8	40.0%	11	50.0%
Not employed and seeking employment	191	28.0%	10	50.0%	5	22.7%
Attending graduate school starting in summer or fall 2012	166	24.4%	2	10.0%	6	27.3%
<i>total</i>	681		20		22	

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 Undergrad 2013	RSECS 2012	RSECS 2013
Percent Prev. Emp.	12.0%	12.5%	27.3%

¹The figure 28 reflects the number of undergraduate students graduating after the spring 2012 quarter with one or more RSECS degrees as indicated by university records on August 28, 2013.

²Please note that your school's data were not excluded from the calculation of the university-wide comparison figures presented in this report. Also, comparison figures do not include responses from University College or Women's College graduates.

³Includes students indicating self-employment.

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

	Annual Compensation				
	All Undergrad 2013	RSECS 2012	RSECS 2013 All	RSECS 2013 Prev. Emp.	RSECS 2013 New Emp.
Mean	\$40,294.55	\$52,700.00	\$60,500.00	- ⁴	\$60,500.00
Median	\$40,000.00	\$54,000.00	\$61,000.00	-	\$61,000.00

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 Undergrad 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	236	72.8%	5	62.5%	7	63.6%	-	-	7	87.5%
Part-Time	88	27.2%	3	37.5%	4	36.4%	3	100.0%	1	12.5%
<i>total</i>	324		8		11		3		8	

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 Undergrad 2013		RSECS 2012		RSECS 2013		RSECS 2013 Prev. Emp.		RSECS 2013 New Emp.	
	Freq.	Percent	Freq.	Percent	Freq.	Percent	Freq.	Percent	Freq.	Percent
Yes	238	76.8%	7	87.5%	9	90.0%	2	66.7%	7	100.0%
No	72	23.2%	1	12.5%	1	10.0%	1	33.3%	-	-
<i>total</i>	310		8		10		3		7	

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 Undergrad 2013		RSECS 2013 All		Prev. Emp.		New Emp.	
	Freq.	Percent	Freq.	Percent	Freq.	Percent	Freq.	Percent
Degree is required for position.	95	31.7%	4	36.4%	-	-	4	50.0%
Degree offered an advantage in acquiring the position.	131	43.7%	5	45.5%	2	66.7%	3	37.5%
Degree is not required, nor did it offer and advantage.	74	24.7%	2	18.2%	1	33.3%	1	12.5%
<i>total</i>	300		11		3		8	

⁴ No previously held positions fit the criteria for inclusion in salary calculations for spring 2013 RSECS graduates.

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

	All Undergrad 2013		RSECS 2012		RSECS 2013	
	Freq.	Percent	Freq.	Percent	Freq.	Percent
Less than 6 mo.	217	79.2%	5	71.4%	8	88.9%
6 to 12 mo.	48	17.5%	2	28.6%	1	11.1%
Greater than 12 mo.	9	3.3%	-	-	-	-
<i>total</i>	274		7		9	

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 Undergrad 2013		RSECS 2013	
	Freq.	Percent	Freq.	Percent
Family or Friends	47	17.0%	2	22.2%
Internship Turned into a job	30	10.8%	2	22.2%
Pioneer Careers	18	6.5%		
Faculty	20	7.2%	2	22.2%
Other online job board (craigslist, CareerBuilder, monster, etc.)	15	5.4%	1	11.1%
DU event such as a career fair/expo, workshop, seminar or city trek	24	8.7%	-	
Previous employer	17	6.1%	-	
Applied directly to organization	49	17.7%	1	11.1%
Alumni referral	11	4.0%	-	
Networking connections	27	9.7%	1	11.1%
Other	19	6.9%	-	
<i>total</i>	277		9	

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

Number of Offers	All Undergrad 2013		RSECS 2012		RSECS 2013	
	Freq.	Percent	Freq.	Percent	Freq.	Percent
0	37	12.0%	12	57.1%	12	52.2%
1	144	46.8%	6	28.6%	7	30.4%
2	80	26.0%	2	9.5%	3	13.0%
3	27	8.8%	-	-	-	-
4 or more	20	6.5%	1	4.8%	1	4.3%
<i>total</i>	308		21		23	

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	6	75.0%	4	40.0%
Technology/Science	2	25.0%	2	20.0%
Legal	-	-	1	10.0%
Media/Entertainment	-	-	1	10.0%
Other	-	-	2	20.0%
<i>total</i>	8		10	

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	6	85.7%	10	90.9%
Michigan	1	14.3%	-	-
Kansas	-	-	1	9.1%
<i>total</i>	7		11	

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 Undergrad 2013		RSECS 2012		RSECS 2013	
	Freq.	Percent	Freq.	Percent	Freq.	Percent
0	100	32.1%	9	42.9%	8	34.8%
1	98	31.4%	10	47.6%	11	47.8%
2	65	20.8%	-	-	2	8.7%
3	29	9.3%	2	9.5%	2	8.7%
4 or more	20	6.4%	-	-	-	-
<i>total</i>	312		21		23	

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	4
Santa Clara University	1
University of CA at Berkeley	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
Engineering	2
Mechanical Engineering	2
Business	1
Renewable Energy	1