



COLORADO SCHOOL OF MINES
EARTH • ENERGY • ENVIRONMENT

2016 - 2017

CAREER CENTER ANNUAL REPORT

Recruiting, Outreach and Professional Development





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Executive Summary

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Each year, the Career Center at Colorado School of Mines collects data and analyzes the outcomes and recruiting activities on campus during the prior academic year. This summary outlines the highlights of graduate outcomes and campus recruiting activities from the 2016-2017 academic year. This report contains information for graduates from the 2016-2017 academic year including those who received their degrees in August 2016, December 2016, May 2017.

The 2016-2017 BS graduating class was again the largest to-date, with a 7.3% increase over prior year. There was a 14.9% decrease for the number of MS graduates and a decrease of 14.0% for the PhD graduates. Staff continually collected and tracked the data/outcomes for these 1454 BS, MS, and PhD graduates, as well as conducted weekly contacts those actively seeking, offering new opportunities and additional assistance. The largest BS programs to graduate in order were Mechanical Engineering and Petroleum Engineering. These two programs together comprise 41.9% of the BS graduating population, which is a slight decrease over prior year.

In the 2016-2017 academic year, the Mines Career Center saw a good correlation between the student/graduate participation and on-campus recruiting activity. By the end of the 2016-2017 academic reporting year, **85%** of the BS graduates had positive outcomes, with MS/P achieving **93%** positive outcomes rate and PhD graduate cohorts achieving **96%** positive outcomes rate. The percentages are identical to prior year. Included in “positive outcomes” numbers are those committed to their first destination, counting jobs in industry, government, military, and those who are going to graduate school. In addition, there are those who request to postpone searching for various personal reasons, including medical conditions, working outside of their field of study and those international students who do not report working for U.S. based companies, but return to utilize their education in their home countries. The overall average salary offers were: BS graduates - \$66,648, MS graduates - \$76,522, and PhD graduates - \$79,243, which tracks with prior year averages.

In 2016-2017, many regular employing organizations continued with their traditional number of recruiting activities and events. The Fall 2016 Career Day event was large with 234 companies (versus 240 in 2015), but had 35 companies on the wait list. The largest Spring Career Day event ever was held in 2017 with 220 companies (versus 197 prior year). Student participation in the fall Career Day event has continued very strong with **3215** students, recent graduates, and alums attending in Fall 2016. There was a total of **2133** attendees in Spring 2017. The strong attendance in the fall is the result of both increased departmental and campus-wide support activities.

Although the number of companies interviewing on campus are about average, the overall number of on-campus interviews during the Mines 2016-2017 academic year were at a 10-year low with **2,003** on-campus interviews held in Fall 2016 and **754** on-campus interviews held in Spring 2017 for a total of **2757** (compared to 3084 in 2015-2016 and 4007 in 2014-2015). The decrease was due to the lower oil and gas prices. Companies were still hiring, but at a reduction in the number of open positions. We have increased and diversified the Career Center marketing efforts, but are limited by manpower. The Career Center is currently hiring recruiting/employer relations staff to develop new opportunities.

2016 - 2017 Annual Report

The campus hosted a total of 111 company information sessions (compared to 106 in 2015-2016), a which is a slight increase over prior year. Student attendance was down in the fall, however, the department implemented new marketing strategies which for the Spring 2017 semester. This increased spring attendance by 36% over prior year. Company information sessions are vital for students to learn about a company, their job opportunities and the industry, as well as network for potential job opportunities.

In 2016-2017, 791 organizations posted 2153 engineering, science and technology jobs (many with multiple openings) in DiggerNet, the campus recruiting system (compared to 752 companies posting 2,116 jobs in 2015-2016). The Spring 2017 Virtual Career Fair held in April had 73 companies posting positions (versus 55 employers prior year). In addition, the Spring Launch recruiting event in April featured 14 employers participating and 163 student interviews.

Looking Forward

The Career Center is continuing to keep an eye on the current and future hiring trends and employment opportunities for Mines students and graduates. The downturn in energy and mining has affected the number of on-campus interviews and information sessions. There was also a decrease in direct hire full-time positions with many of these companies pulling heavily from their intern pool. Other industries, such as construction, technology, aerospace have seen a boost. A proactive plan of action which has been implemented, as well as actions in the CRCP will help to counteract the impact of economic downturns. The new, approved Career Center staffing levels for 2017-2018 will help to counteract this challenge, enabling the department to proactively diversify and increase the core employer network.

During 2016-2017, the Colorado School of Mines Career Center was given the directive to take Career Day to the next level of excellence by making this one of the university's "signature events". To attain this goal with maximum realization, a Career Day Logistics Taskforce was formed to develop immediate and long-term recommendations for expanding opportunities to create a signature experience, which were implemented in Fall 2017. As part of Phase I in Fall 2017, the plans implemented included eliminating the waitlist, increasing event footprint and interview space, creating new signature networking event for graduating students, soliciting volunteer support from other departments, and voluntary cancellation of 300- and 400- level classes. The Career Center Task Force has met to debrief since this most recent event and will be submitting a proposal prior to the end of the Fall 2017 semester for Phase II. This will include proposed options for maximum expansion of the footprint and additional services to increase the impact of the entire experience.

The department will continue to build upon and greatly expand the prior success of the Faculty Relations Program and recruiting events. The staff will continue to be dedicated to providing instruction and to assisting students with proactive job searching. The Career Center will continue to offer the Engineering Your Career Path, for Mines students, and look to expand the offerings and revise this for a higher level graduate class. We are currently in the midst of creating new career development programs for veterans, students with disabilities, and other underrepresented students.

Table of Contents

I. Executive Summary.....	1
II. Career Center Services and Outreach	5
III. Outcomes and Salary Surveys	7
Graduating Class Outcomes.....	7
Industry Data	8
Graduate Status and Salary Offer Tables.....	9
IV. Diversity Groups	13
Women	13
Multicultural Groups.....	14
V. Mines Recruiting	17
Recruiting Summary	17
On-Campus Recruiting	18
Career Week Interviews	18
Information Sessions	19
DiggerNet Activity	20
VI. Career Day and Special Recruiting Events	21
Career Day Events.....	21
Virtual Career/JobFairs	23
Special Recruiting Events	24
VII. Technical Experience.....	25
Graduates with Technical Work Experience	25
Internships, Co-Operative Education, Job Shadow	26
2017 Summer Internship Salaries.....	26

Appendices

- A. Update Report on Recent Graduates
- B. Mines Recruiter List - August 2016 through July 2017
- C. College and Department Reports

Figures and Tables

Tables:

1.10-Year Perspective - Number of Graduates by Degree	7
2.BS Graduate Status and Salary Offers	9
3.MS Graduate Status and Salary Offers	10
4.PhD Graduate Status and Salary Offers	11
5.Women Graduate Status	13
6.Multicultural Graduate Status	14
7.Summer 2017 Reported Internships - Compensation Reported by Major	29

Figures:

1.Mines 10-Year Outcomes Perspective.....	7
2.Accepted Positions by Industry	8
3.3-Year Comparison of Industry Hiring	8
4.List of Majors by College for Female Population.....	13
5.10-Year History - Accepted Positions with Mines Recruiting Companies.....	15
6.10-Year History - Total Number On-Campus Student Interviews.....	16
7.10-Year History - Total Number of Company Information Sessions.....	17
8.4-Year Info Sessions Student Attendance.....	17
9.DiggerNet Job Postings	18
10.Employers with Job Postings in DiggerNet	18
11.Phone / Skype Interviews.....	19
12.10-Year Career Day History.....	21
13.10-Year Career Day Student/Graduate Attendance.....	22
14.Majors Sought by Organizations at 2016-2017 Career Day Events.....	22
15.DiggerNet Job Fair Employer Participation.....	23
16.DiggerNet Job Fair Student Response.....	23
17.TNT and Spring Launch Recruiting Events Company Activity.....	24
18.TNT and Spring Launch Recruiting Events Student Activity.....	24
19.Student Assistant Job & Resource Fair	25
20.Job-Seeking BS Graduates with Technical Experience	27

The Colorado School of Mines Career Center endeavors to be a vital center for the Mines internal and external community and an example of professionalism in career services. The Colorado School of Mines Career Center's mission is to assist students in developing the lifelong skills critical for the effective transition from college to career. This transition from student to professional is integral to both the success of Mines graduates and to the mission of Mines. The Career Center Learning and Operational Outcomes are as follows:

Students and recent graduates who develop, utilize and apply the services offered by the Career Center will be:

- Educated, coached and empowered to conduct a strategic, personalized career exploration and ethical job search that highlights the passions, skills and strengths of each individual.
- Offered opportunities to engage with companies and organizations in a variety of forums to enhance their professional knowledge and diversity of career prospects.

Employers who utilize and employ the services offered by the Career Center will be:

- Informed and inspired on the variety of opportunities to brand their recruiting initiatives to the Mines students and graduates.
- Effectively and proactively connected with students and recent grads through an inclusive environment that provides interactive recruiting events and activities.

Individual and Small Group Career Advising

The Career Advisors assist students and grads with finding their professional passion and ideal career path. The Career Advisors also provide students with the tools and guidance that are instrumental to be successful in their future career goals. 2016-2017 activities included:

- Service to just under 6400 students and graduates. Walk-in job search assistance. These contacts ranged from very quick questions/help to more extensive meetings. This does include multiple services/meetings for individual students and covers career exploration, job search skills, utilizing the Mines DiggerNet system, effective company research, thousands of resume reviews, CV, and cover letter reviews, practice interviews, direct coaching methods, contract evaluation, and more.
- Collection of data and connection to 1458 BS, MS, and PhD 2016-17 graduates. Weekly outreach to all actively seeking graduates through phone calls, electronic medial sources, and emails.

Engineering Your Career Path Course

This 1.0 credit course is designed to provide the student with advanced career planning and job searching tools that are instrumental to be successful in obtaining and transitioning into internships, co-ops, research, and full-time positions. 2016-2017 activities included:

- Expanded enrollment of the "Engineering Your Career Path" course by 16%. Instructed 99 students, who attended during the fall and spring semesters. Working on 2017-2018 expansion.
- Received many positive testimonials for the course.
- Created new Career Peer Advisor pilot using advanced Student Assistants.

2016 - 2017 Annual Report

Workshops, Classroom Presentations, and Career Panels

Presented by Career Center Staff and company recruiters, workshops are offered to all students. Topics include: Resume Writing, Proactive Job Search, Interviewing Skills, Stand Out at Career Day, Networking, Business Etiquette, Social Media, Contract Negotiations. 2016-2017 activities included:

- More than 60 career skills / job searching workshops for students, including open attendance, student organizations, residence life, graduate level research groups, and faculty-requested classroom presentations.
- Summer presentations that were integrated as an important component of various academic field sessions (Applied Mathematics & Statistics, Engineering Physics, and Economics). Physics Field Session had a new 1-day professional development format that had great feedback and participation from the students and the team.
- Successful execution of five career path industry panels with student attendance ranging from 42 – 124. These panels featured key executives (including Dave Lawler, CEO of BP Lower 48).
- Career Center team members presented at Discover Mines, Preview, all expanded Launch sessions, and Making the Connection: Women and Engineering at Mines.

Employer Relations and Outreach

Development and management of new / existing employers. 2016-2017 activities included:

- Development and diversification of industries through attendance at conferences such as Colorado Biosciences Networking Fair and Colorado Oil and Gas Association Expo.
- Team members were chosen to present at national conference for NACE (National Associate of Colleges and Employers). Presented to hundreds of employers on “Building a Strategic Branding Campaign on Campus”. Developed new employer relationships at conference.
- Conducted employer outreach activities (employer site visits, networking events, marketing campaigns, and campus visits). Arrangement of and/or participation in 44 employer campus visits and 2 on-site visits with employers a small increase over prior year.
- Conducted an educational workshop for employers on best practices campus recruiting.

Student Organizations Strategic Outreach Initiative

The Student Organization Strategic Outreach Initiative’s mission is to communicate, educate, engage, collaborate/partner, and support Student Orgs. The first Kick-Off presentation was attended by 14 Student Org representatives and included a PowerPoint presentation outlining the ways that the Career Center and Orgs can collaborate including:

- Professional development presentations, industry career panels, employer information session co-sponsorship, promotion of student org projects, volunteering to raise funds for orgs, and equipment rental.
- Communicated clarification of Mines Campus Recruiting Policies in relation to Employers visiting Student Org meetings and what constitutes recruiting vs. non- recruiting activities.
- Subsequently, the Career Center has successfully co-sponsored 12 employer info sessions with student orgs and all five career panels, and continued to present many professional development workshops, volunteering for the Career Day, and equipment usage for events.

Graduating Class Outcomes

Outcomes for the Colorado School of Mines class of 2017, as of September 30, are reported as follows: **85%** - Bachelors, **93%** - Masters, and **96%** - Doctoral positive outcomes, which mirror the class of 2016. Included in this report are students who graduated in August and December 2016 and May 2017, noting choices for a first destination on their career path. Of the 845 who reported employment in industry or government, 57% chose to remain in Colorado, compared to 50% last year. This included 55% of BS, 64% of MS, and 48% of PhDs.

This year **21%** of the BS graduates decided to go to graduate school compared to 20% of the 2016 class. In addition, **14%** of MS graduates chose to continue for an advanced degree. Mines was the graduate school of choice for **68%** of the BS, compared to 65% last year; of the 45 MS graduates pursuing an advanced degree, **69%** remained at Mines, compared to 56% the prior year. Other educational institutions chosen by Mines graduates included Cambridge, Carnegie Mellon, Columbia, Georgia Institute of Technology, Johns Hopkins, the Imperial College of London, MIT, Notre Dame, Texas A&M, Tulane, University of British Columbia, University of Calgary, University of Colorado Anschutz, University of Washington, and others.

2016-2017 Highlights

57% of employed graduates chose to remain in Colorado for jobs.

20% chose to continue education.

697 salary offers were reported by BS, MS, and PhD graduates.

845 jobs acceptances overall were reported to the Career Center.

Figure 1: Mines 10-Year Outcomes Perspective

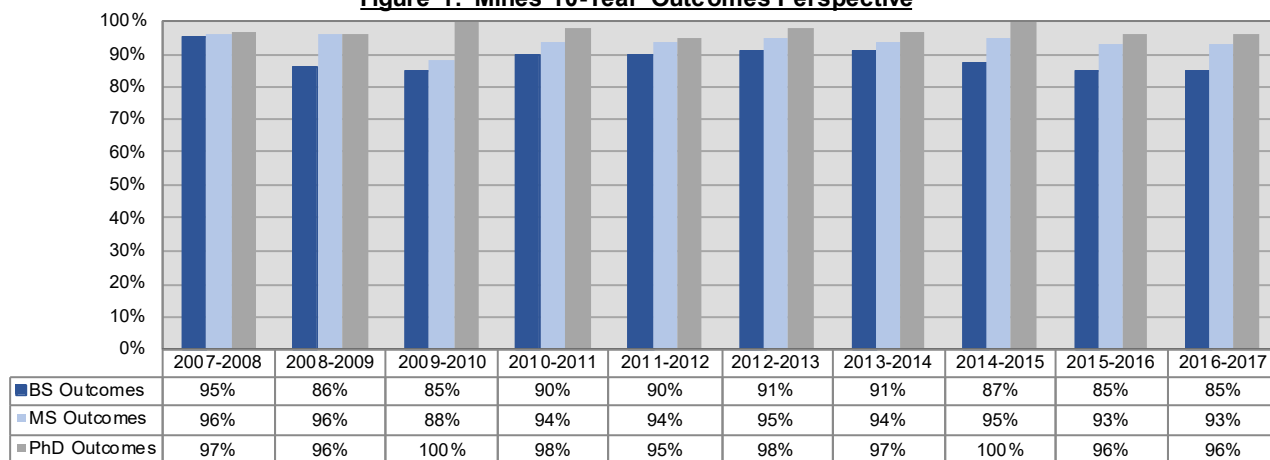


Table 1: 10-year Perspective - Number of Graduates by Degree

Year	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	2015-2016	2016-2017
BS Graduates	598	626	686	643	731	825	879	914	954	1024
MS Graduates	249	234	299	334	340	380	360	344	390	332
PhD Graduates	35	50	40	48	59	83	96	123	114	98

2016 - 2017 Annual Report

Industry Data

Employment opportunities were varied for Mines graduates in the past year. Figure 2 exhibits those industries most actively hiring in 2016-2017, with **845** accepted positions reported by Mines graduates in industry or government. Strong hiring was exhibited by consulting and construction/development organizations, with a rise in aerospace, as well. Bioscience careers continue to build as an option for students. Figure 3 also offers insight into the shifts in hiring trends over the recent years in response to economic effects.

Figure 2: Accepted Positions by Industry 2016-2017

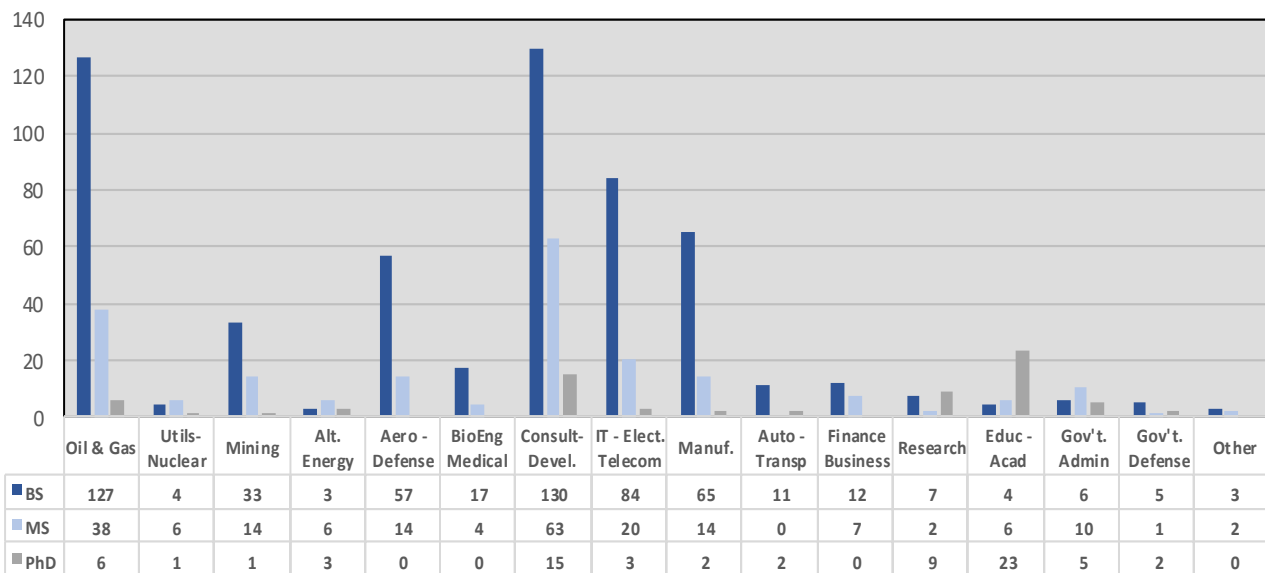
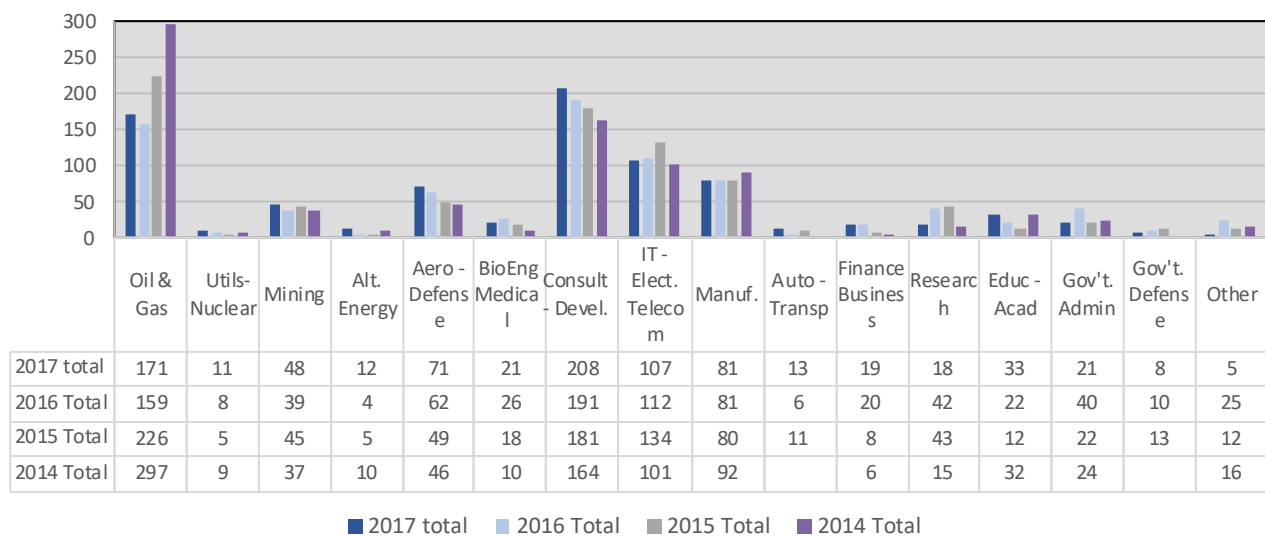


Figure 3: Comparison of Accepted Positions by Industry 2014-2017



Outcomes and Salary Surveys

Table 2: BS Graduate Status and Salary Offers - August 2016—May 2017

 COLORADO SCHOOL OF MINES EARTH • ENERGY • ENVIRONMENT 2016 - 2017 CAREER CENTER ANNUAL REPORT BACHELOR'S DEGREE GRADUATES OUTCOMES AND SALARY SURVEY															
College	Major	# Graduates	Employed	Military	Graduate School	International	Returning	Not Looking	Outcomes %	Actively Searching	# Offers Reported	Low Offer Reported	High Offer Reported	2016-2017 Average Salary Offers	2015-2016 Average Salary Offers
CASE	Chemical Engineering (2 double majors)	85	49	0	21	2	2	2	87%	11	47	\$55,000	\$105,000	\$69,478	\$67,998
	Chemical & Biochemical Engineering (1 double major)	61	26	0	11	1	4		69%	19	22	\$45,760	\$90,000	\$66,865	\$65,821
	Chemistry (1 double major)	18	7	1	6	0	4		100%	0	3	\$28,000	\$52,000	\$41,667	\$43,803
	Engineering Physics (1 double major)	56	11	1	35	0	6		95%	3	12	\$57,974	\$103,000	\$68,716	\$62,100
	Metallurgical & Materials Engineering	57	33	1	15	0	1		88%	7	24	\$40,000	\$80,000	\$61,510	\$64,133
CECS	Applied Mathematics & Statistics	19	8	0	7	0	2		89%	2	10	\$38,000	\$80,000	\$63,901	\$60,807
	Civil Engineering	39	25	0	11	0	2		97%	1	30	\$51,000	\$72,000	\$60,216	\$57,476
	Computer Science (4 double majors)	64	45	0	10	0	1		88%	8	53	\$55,000	\$120,000	\$74,634	\$71,929
	Electrical Engineering (3 double majors)	67	39	1	12	0	3		82%	12	53	\$45,000	\$88,000	\$69,242	\$68,854
	Environmental Engineering	25	11	0	9	1	0		84%	4	9	\$52,000	\$79,000	\$59,860	\$63,067
CERSE	Mechanical Engineering (2 double majors)	241	147	2	34	6	7		81%	45	138	\$38,000	\$105,000	\$61,738	\$63,314
	Economics & Business (3 double majors)	7	4	1	1	0	1		100%	0	3	\$39,520	\$52,000	\$47,840	\$59,764
	Geology & Geological Engineering	28	15	0	7	0	1		82%	5	8	\$35,000	\$70,000	\$50,299	\$58,585
	Geophysical Engineering	42	13	1	20	1	0		83%	7	13	\$41,600	\$83,200	\$61,369	\$58,400
	Mining Engineering	36	28	0	2	2	0		89%	4	24	\$52,000	\$95,000	\$63,522	\$65,975
	Petroleum Engineering (3 double majors)	189	112	0	21	30	5		89%	21	83	\$31,200	\$115,000	\$75,863	\$81,556
	Sub-Totals (20 double majors included - 10 students)	1034	573	8	222	43	39		86%	149					
	Total	1024	568	8	219	43	37		85%	149	532	\$28,000	\$120,000	\$66,648	\$67,229
Note: "Not Looking" includes those working outside their field of study or postponing an active full-time job search for personal/medical reasons. "Actively Searching" recent graduates include those who may have delayed starting a job search and are continuing to be supported by the Career Center.															

2016 - 2017 Annual Report

Table 3: MS Graduate Status and Salary Offers - December 2016 — May 2017

 COLORADO SCHOOL OF MINES EARTH • ENERGY • ENVIRONMENT 2016 - 2017 CAREER CENTER ANNUAL REPORT MASTER'S DEGREE GRADUATES OUTCOMES AND SALARY SURVEY														
College	Major	# Graduates	Industry	Military	Graduate School	International	Returning*	Outcomes %	Actively Searching	# Offers	Low Offer Reported	High Offer Reported	2016-2017 Average Salary	2015-2016 Average Salary
CASE	Applied Chemistry	1	0	0	1	0	0	100%	0	0			N/A*	N/A*
	Applied Physics	5	0	0	3	0	2	100%	0	0			N/A*	\$66,210
	Chemical Engineering	12	6	0	2	2	1	92%	1	2			N/A*	\$64,250
	Metallurgical & Materials Engineering	12	6	0	4	1	0	92%	1	9	\$55,000	\$77,000	\$66,667	\$68,792
	Applied Mathematics & Statistics	9	5	0	2	0	2	100%	0	3	\$60,000	\$97,000	\$78,413	\$67,140
CECS	Civil & Environmental Engineering	29	23	0	2	0	4	100%	0	14	\$40,000	\$82,000	\$63,000	\$61,400
	Civil Engineering	0	0	0	0	0	0	N/A	0	0			N/A*	N/A*
	Computer Science	14	9	0	1	1	0	79%	3	6	\$50,000	\$100,000	\$82,857	\$76,286
	Electrical Engineering	16	10	0	2	2	0	88%	2	7	\$54,000	\$93,000	\$75,857	\$69,633
	Engineering Systems	0	0	0	0	0	0	N/A	0	0			N/A*	N/A*
CERSE	Environmental Engineering Science	7	6	0	0	0	1	100%	0	3	\$57,000	\$87,000	\$69,433	\$65,200
	Mechanical Engineering	37	20	0	8	1	2	84%	6	9	\$62,000	\$98,000	\$74,889	\$62,032
	Econ - Engineering & Technology Management	40	28	2	1	2	4	93%	3	20	\$50,000	\$112,000	\$77,710	\$68,238
	Econ - Mineral & Energy Economics	39	14	0	4	15	4	95%	2	7	\$43,000	\$110,000	\$76,000	\$79,500
	Geology & Geological Engineering	35	26	0	2	4	0	91%	3	14	\$60,000	\$113,000	\$88,090	\$93,359
Interdisc.	Geophysics & Geophysical Engineering	14	8	0	1	5	0	100%	0	9	\$55,000	\$111,000	\$87,556	\$96,969
	International Political Economy of Resources	2	2	0	0	0	0	100%	0	0			N/A*	N/A*
	Mining & Earth Systems Engineering	12	8	0	2	2	0	100%	0	0			N/A*	\$73,333
	Petroleum Engineering	25	13	0	6	6	0	100%	0	6	\$45,000	\$124,000	\$88,433	\$104,204
	Geochemistry	0	0	0	0	0	0	N/A	0	0			N/A*	\$55,333
Interdisc.	Hydrology (1 double major w/Env. Eng. Science)	14	11	0	2	0	1	100%	0	3	\$58,000	\$60,000	\$58,667	\$54,034
	Materials Science	5	4	0	1	0	0	100%	0	2			N/A*	N/A*
	Nuclear Engineering	2	1	0	0	0	0	50%	1	2			N/A*	\$76,000
	Underground Construction & Tunneling	3	2	0	1	0	0	100%	0	1			N/A*	N/A*
	Sub-Totals (1 double major Included)	333	202	2	45	41	21	93%	21	117	\$40,000	\$124,000	\$76,522	\$74,966
	Total	332	205	2	45	37	21	93%	21	117	\$40,000	\$124,000	\$76,522	\$74,966
Note: "Not Looking" includes those working outside their field of study or postponing an active full-time job search for personal/medical reasons. Note: "N/A" indicates no graduates in program or too few starting salary offers were reported to maintain confidentiality for graduates and averages are not available.														

Outcomes and Salary Surveys

Table 4: PhD Graduate Status and Salary Offers - December 2016—May 2017

 COLORADO SCHOOL OF MINES EARTH • ENERGY • ENVIRONMENT 2016 - 2017 CAREER CENTER ANNUAL REPORT DOCTORAL DEGREE GRADUATES OUTCOMES AND SALARY SURVEY															
College	Major	# Graduates	Industry	Military	Graduate School	International	Returning	Not Looking*	Outcomes %	Actively Searching	# Offers	Low Offer Reported	High Offer Reported	2016-2017 Average Salary Offers	2015-2016 Average Salary Offers
CASE	Applied Chemistry	7	7	0	0	0	0	0	100%	0	3	\$30,000	\$52,500	\$39,500	N/A*
	Applied Physics	4	2	0	0	2	0	0	100%	0	0			N/A*	\$63,271
	Chemical Engineering	5	2	0	0	2	0	0	80%	1	1			N/A*	\$70,960
	Metallurgical & Materials Engineering	9	9	0	0	0	0	0	100%	0	11	\$44,000	\$101,000	\$71,409	\$84,143
CECS	Applied Mathematics & Statistics	3	2	0	0	0	0	0	67%	1	1			N/A*	N/A*
	Civil & Environmental Engineering	8	6	0	0	2	0	0	100%	0	2			N/A*	\$77,733
	Civil Engineering	2	1	0	0	1	0	0	100%	0	1			N/A*	N/A*
	Computer Science	2	2	0	0	0	0	0	100%	0	1			N/A*	\$77,501
	Electrical Engineering	6	4	1	0	1	0	0	100%	0	2			N/A*	\$108,333
	Engineering Systems	0	0	0	0	0	0	0	N/A*	0	0			N/A*	N/A*
	Environmental Engineering Science	1	1	0	0	0	0	0	100%	0	1			N/A*	N/A*
	Mechanical Engineering	8	7	0	0	0	0	0	88%	1	4	\$76,000	\$105,000	\$83,250	N/A*
CERSE	Geology & Geological Engineering	4	2	0	0	2	0	0	100%	0	1			N/A*	\$91,286
	Geophysics & Geophysical Engineering	2	2	0	0	0	0	0	100%	0	3	\$60,000	\$123,000	\$95,667	\$69,500
	Econ - Mineral & Energy Economics	4	2	0	0	2	0	0	100%	0	2			N/A*	\$87,750
	Mining & Earth Systems Engineering	8	5	0	0	3	0	0	100%	0	3	\$84,000	\$90,000	\$88,000	N/A*
Interdisc.	Petroleum Engineering	6	2	0	0	3	1	1	100%	0	2			N/A*	\$110,000
	Geochemistry	1	1	0	0	0	0	0	100%	0	1			N/A*	N/A*
	Hydrology	5	5	0	0	0	0	0	100%	0	3	\$64,650	\$100,000	\$81,150	\$61,000
	Materials Science	7	5	0	0	2	0	0	100%	0	2			N/A*	\$68,250
	Nuclear	1	1	0	0	0	0	0	100%	0	0			N/A*	N/A*
	Operations Research	5	4	1	0	0	0	0	100%	0	3	\$80,000	\$120,000	\$102,667	N/A*
	Total	98	72	2	0	19	1	1	96%	3	47	\$30,000	\$123,000	\$79,243	\$80,854
Note: "Not Looking" includes those working outside their field of study or postponing an active full-time job search for personal/medical reasons.															
Note: "N/A" indicates no graduates in program or too few starting salary offers were reported to maintain confidentiality for graduates and averages are not available.															



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Women

Mines celebrated the graduation of **404** women at Colorado School of Mines in 2016-2017, which is a **1.7%** decrease from the 411 women graduates of 2015-2016. This reflects **28%** of the year's total graduates, with 27% of BS grads were women, 31% of MS were women, and 23% of PhDs graduating were women. Reported outcomes for all 2016-2017 degreed women equals **92%**, compared to the overall rate of **85%** positive outcomes for the entire 2016-2017 graduates.

2016-2017 Highlights

404 women graduated from Mines.

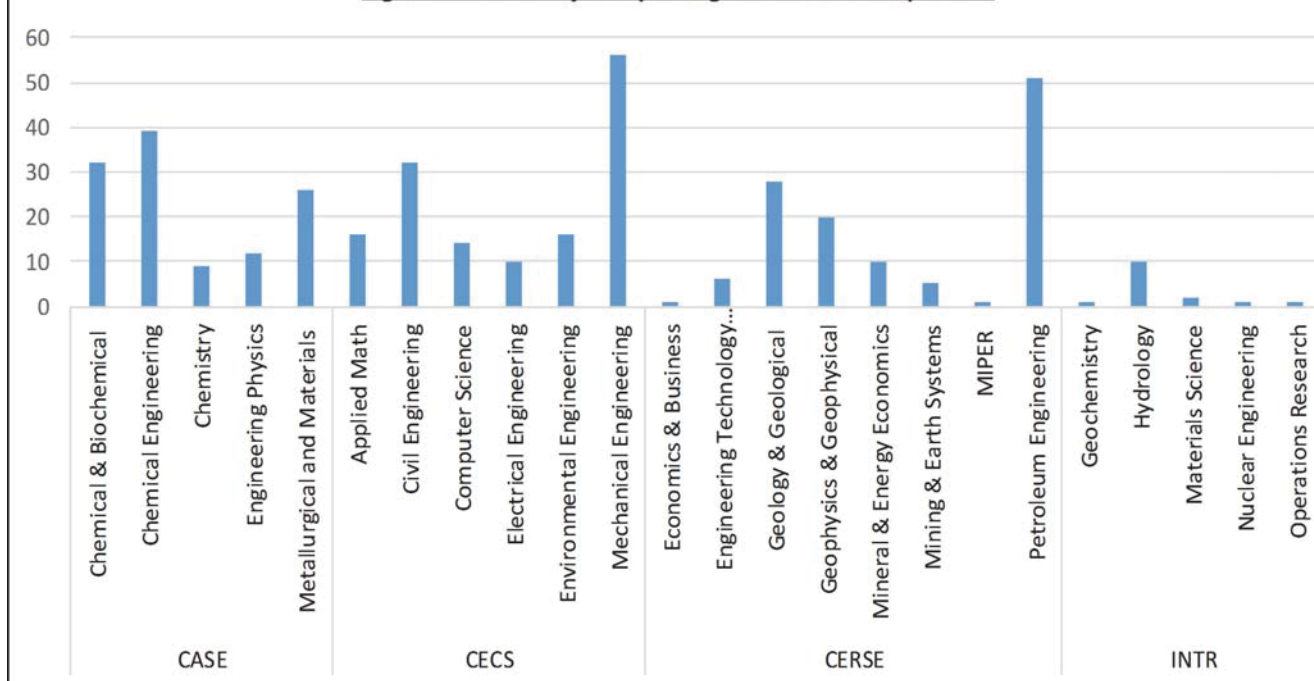
83% of BS, MS, and PhD women graduates note positive outcomes.

85% of the Mines BS, MS, and PhD multicultural graduates noted positive outcomes.

Table 5: Women Graduate Status - December 2016 - August 2017

	NUMBER OF GRADUATES	INDUSTRY	MILITARY	GRAD. SCHOOL	INT'L	NOT LOOKING	ACTIVELY SEARCHING	% OUTCOMES
BS	278	156	1	70	13	10	28	90%
MS/P	103	63	0	17	9	9	5	95%
PHD	23	20	0	0	1	1	1	96%
TOTAL	404	239	1	87	23	20	34	92%

Figure 4: List of Majors by Colleges for Female Population



2016 - 2017 Annual Report

Multicultural Groups

A total of **167** historically underrepresented ethnic and racial minority students graduated from Mines in 2016-2017, compared to a 2015-2016 total of 168. Of the combined degree levels, **87%** reported positive outcomes choosing work in industry, government or military, continuing to graduate school, or choosing options other than a position related to their major at this time. This compares to the **88%** outcomes rate for all Mines 2015-2016 multicultural graduates. Data for this is based on information self-reported by students to the Career Center and with institutional data from the Registrar. Table 5 below details the post-graduate status for these graduating underrepresented students at Mines, by ethnicity.

The Career Center continues working with the four branches of the Colorado School of Mines Multicultural Engineering Program (MEP): American Indian Science and Engineering Society (AISES), National Society of Black Engineers (NSBE), Society of Asian Scientists and Engineers (SASE), and Society of Hispanic Professional Engineers (SHPE). Career Center staff members speak at meetings, and proactively foster connections between MEP and companies.

Table 5: Multicultural Graduate Status - December 2016—August 2017

	Number of Graduates				Industry	Military	Graduate School	Not Looking	Actively Searching	% Outcomes
	BS	MS	PhD	Total						
Black / African American	9	4	0	13	6	0	3	0	3	69%
Asian American / Pacific Islander	65	18	2	85	54	0	15	4	12	86%
Hispanic	49	18	2	69	50	0	12	2	6	93%
TOTAL	123	40	4	167	110	0	30	6	21	87%

“WIRED” (Work/Interview/Resume Experience Day) continues as a successful collaborative event between the Career Center and MEP. Company participation in this event was **27** for Fall, and **22** for Spring with total resume review counts of **383** and **263**, respectively. WIRED sessions offer to all Mines students advice and encouragement for success at Career Day and beyond.

The Career Center is continually seeking opportunities to partner with student organizations as well as looking to create new career development programs for veterans, students with disabilities, and other underrepresented individuals.

Recruiting Summary

The Mines Career Center had a very busy year with recruiting in two categories: On-Campus Recruiting (OCR) figures include organizations participating in the On-Campus Interviews and the Company Information Sessions and the On-line recruiting figures companies in DiggerNet with posted job opportunities for Mines students for full-time, internship or co-op positions. The complete list of the organizations recruiting at Mines is in Appendix B.

Recruiting Highlights

791 employers posted positions in DiggerNet.

2153 Jobs were posted in DiggerNet.

175 employers held on-campus interviews and/or offered information sessions.

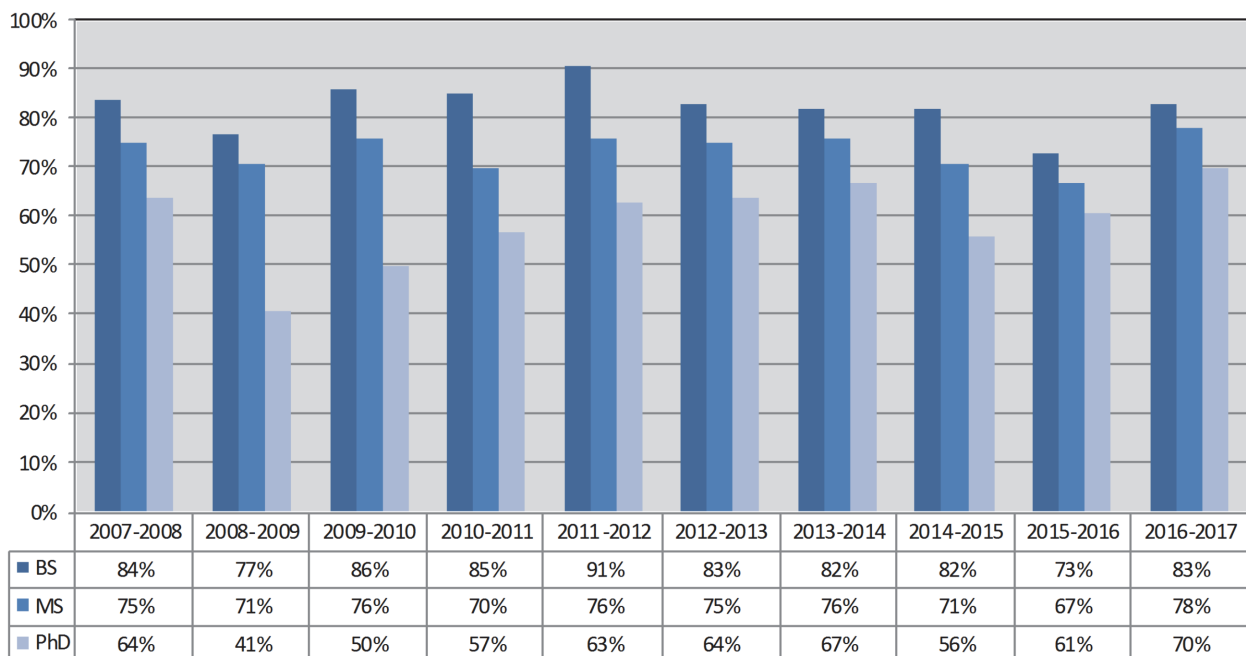
2760 employer campus interviews.

143% increase in Phone interviews.

111 employer information sessions.

Figure 5 (below) demonstrates the correlation between the companies where Mines BS, MS and PhD graduates are reporting as their first destination career position and the companies who have a clear relationship with the Mines Career Center through one or many of the following activities: Career Day, DiggerNet job opportunities postings, and On-Campus Interview program or Information Sessions.

Figure 5: 10 Year Perspective - % Accepted Positions with Organizations Involved with Mines Recruiting Activities



2016 - 2017 Annual Report

On-Campus Recruiting (OCR)

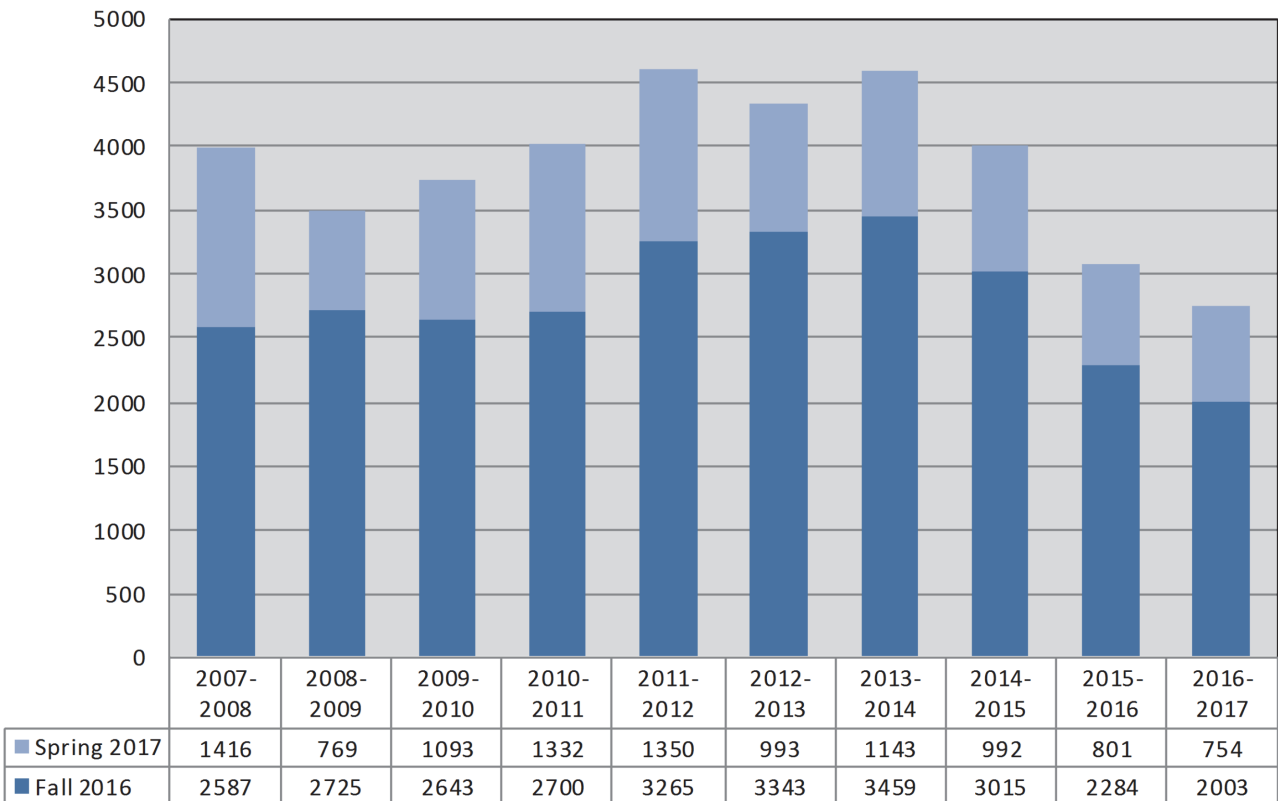
The Mines on-campus recruiting (OCR) program was steady throughout the year, with a total of **175** unique employers visiting to interview students and/or present employer information sessions (174 previous year). There were **35** employers who participated in both recruiting seasons (fall & spring) for a total of **210** participating throughout the year. There has been a major increase in Phone interviews of **143%** due to trends in recruiting, technological and economic factors and a **264%** increase in unique companies conducting phone/skype interviews. The Career Center is working to meet the needs of the students and employers by offering a dedicated room which can be reserved solely for that purpose.

On-Campus Interviewing (OCI)

Following the Fall Career Day, **55** companies stayed on campus for the week to interview students. This was certainly our busiest week of the year resulting in **1068** student interviews with Career Fair companies; with **837** being held the very "Next Day" which is a popular and trending way for employers to get the best value during their campus visit. In the following weeks, **39** companies visited campus for Pre-Select campus interviews resulting in **935** additional interviews.

Following the Spring Career Day, **30** companies took advantage of Career Week reservations resulting in **260** student interviews, and **46** companies visited campus for Pre-Select interviews resulting in **494** additional campus interviews which include the Spring Launch Event outlined later in the report.

Figure 6: 10-Year History - Total # On-Campus Student Interviews



2016 - 2017 Annual Report

Employer Information Sessions

Employer Information Sessions are a vital component for employers seeking to brand their companies to Mines students and attract top notch talent for their university recruiting programs. This include full-time entry level positions and internships and/or Co-Ops as the main focus.

Many employers use Information Sessions to kick off their recruiting visit. These one hour sessions provide an effective way of presenting information to students who have been selected for interviews and also to meet and recruit other interested students. These presentations can also be very valuable for the students who are exploring different industries to find out how a specific major can lead to a career. The Career Center assists with all aspects of the campus arrangements including hosting the company representatives, securing a room, A/V equipment usage, providing catering information for refreshments, marketing and recording attendance.

Figure 7: 10 Year Perspective: Total Number of Employer Information Sessions

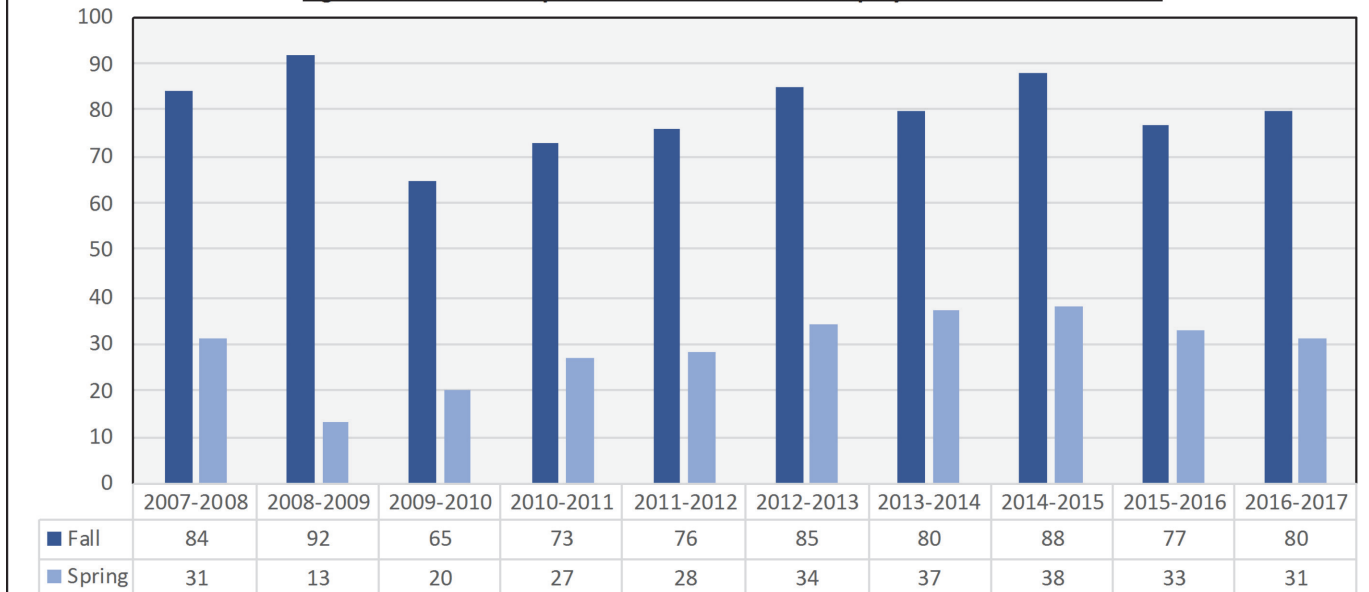
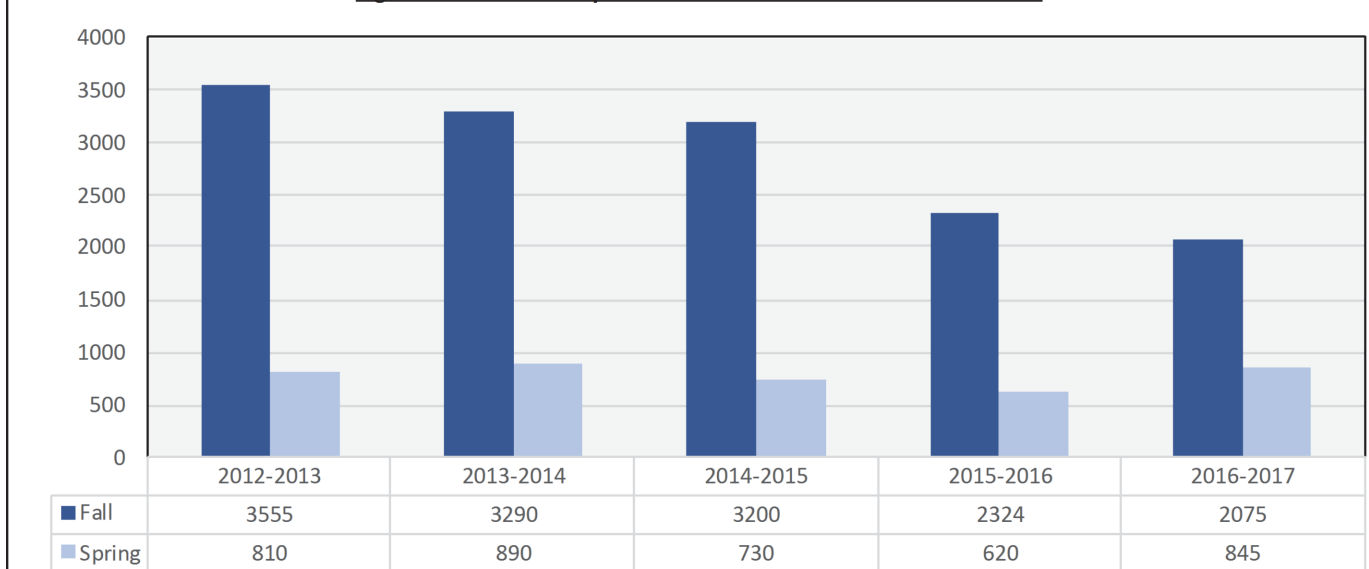


Figure 8: 5-Year Perspective Info Session Student Attendance



2016 - 2017 Annual Report

DiggerNet Activity

Online recruiting noted an increase in the past year with a total of **2,153** job postings on DiggerNet for 2016-2017 full-time, internship, part-time, temporary work, (2,116 job postings in the prior year). In 2016-2017, the number of companies posting jobs numbered **791**, an increase from the 752 last year. Please note that postings often included multiple types in a single job description, and often reflected multiple openings available per posting. There were also 187 on-campus employment job postings, 46 postings sent to the Alumni Association, and 36 postings that were general jobs and later posted on the General Jobs Board. The large increase in on-campus employment postings is due to the addition of the Mines On-Campus Job and Resource Fairs for the entire campus held in the summer and spring. Figure 9 shows details for the specific position types for which employers utilized DiggerNet, and Figure 10 shows the number of companies posting jobs in DiggerNet.

Figure 9: DiggerNet Jobs Posted - 10-Year Perspective

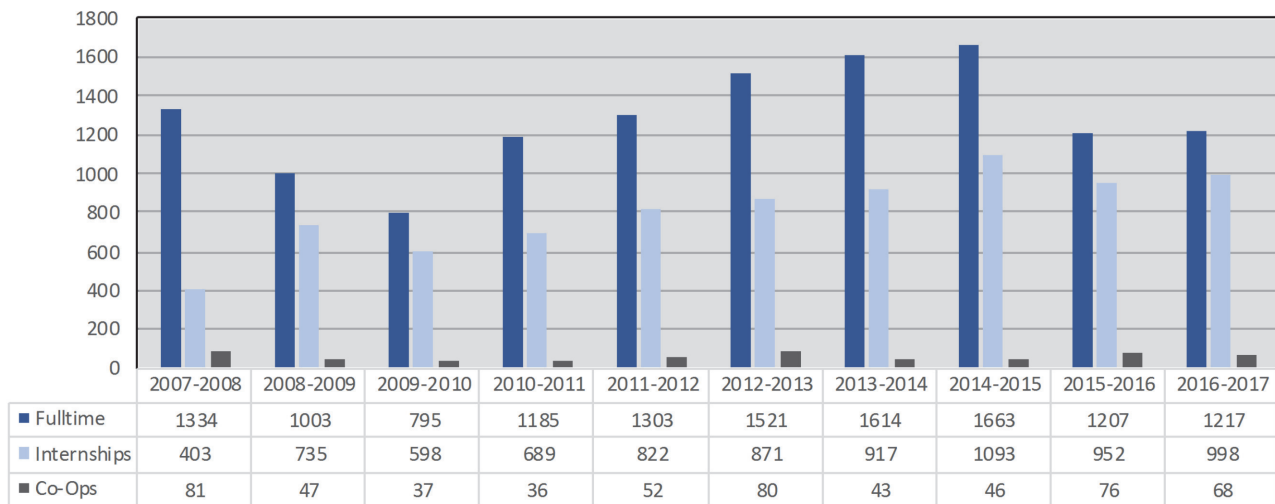
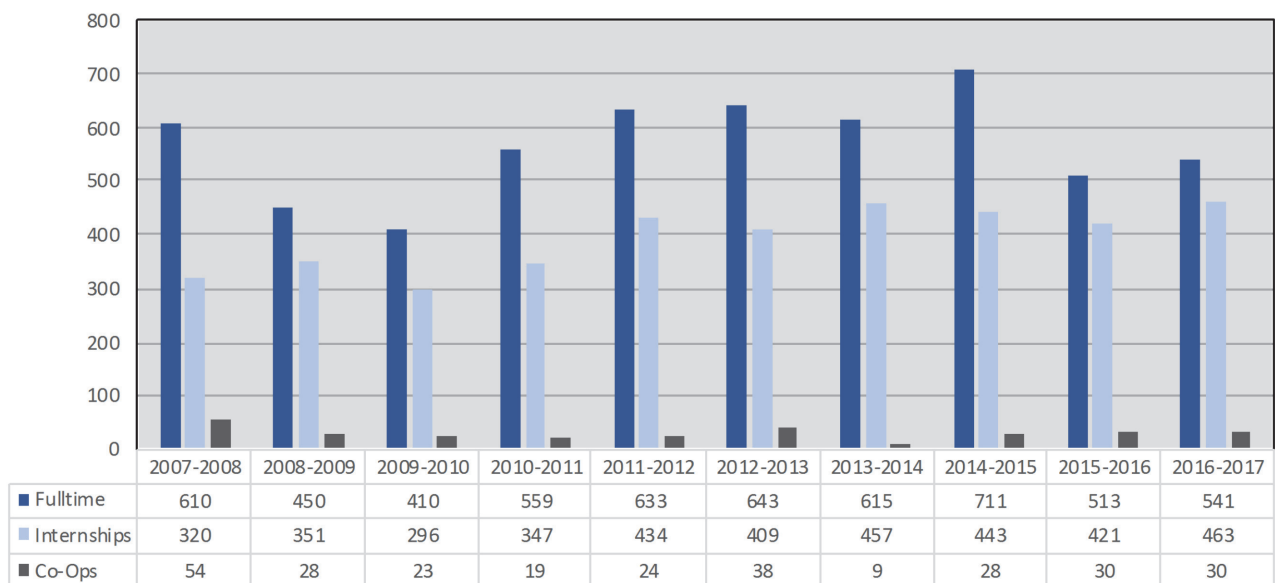


Figure 10: Employers with Jobs Posted in DiggerNet 10-Year Perspective



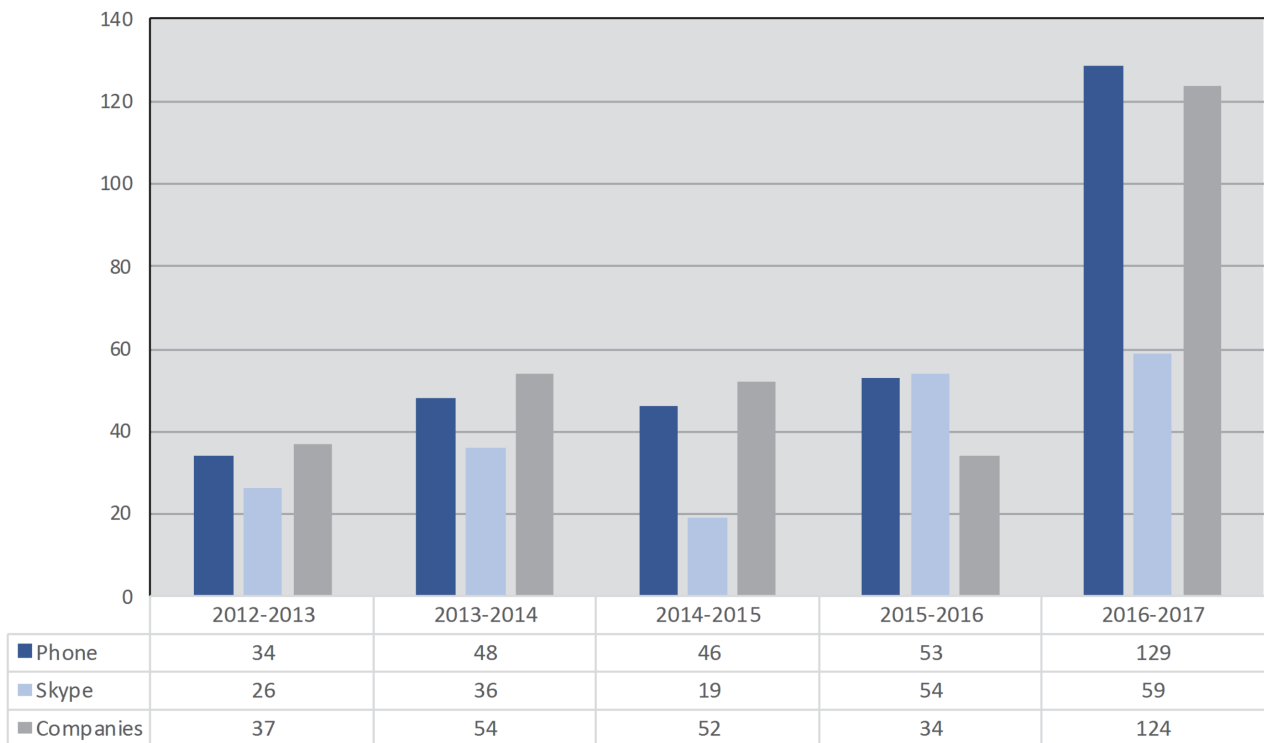
Mines Recruiting

Phone & Skype Interviews

The 2016-2017 academic year saw a **78%** increase in students who were using alternative methods when interviewing with companies, such as phone or Skype/Video, with **191** interviews recorded this year, and **107** interviews recorded last year. The number of unique companies using these methods to interview students has increased as well, from **34** in 2015-2016 to **124** in 2016-2017 which is a **264%** increase. The Career Center provides a professional experience for the students by having a landline in a dedicated room, which allows the student to interview in a quiet setting. This service is marketed to the students as well as the companies who post jobs in DiggerNet. We will continue to monitor these types of alternative interviewing formats as it continues to be used more frequently. These companies aren't currently included in Appendix B, but will be considered for the future as these types of interviews reflect changing trends in university recruiting.

Figure 11 reflects only a five year perspective, demonstrating the rapid increase of these methods by employers who are choosing to pre-screen candidates remotely to save time, money and personnel hours. These companies aren't currently included in Appendix B, but will be considered for the future as these types of interviews reflect changing trends in university recruiting.

Figure 11: Phone and Skype Interviews - 5-Year Perspective





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Career Day Events

In the 2016-2017 academic year, Mines Fall 2016 Career Day experienced strong numbers in both employer attendance, faculty/staff participation, as well as attendance from students, grads, and alums. Although there was a reduction in company attendance from oil and gas industry in 2016-2017, we had an increase in employers from construction and aerospace. Proactive marketing strategies for employer participation resulted in 234 companies (versus 240 prior year). The largest Spring Career Day event in Mines history was in 2017 with 220 companies (versus 197 prior year). Huge Career Day attendance by students, recent graduates and alumni in the Fall 2016 with 3215 attendees. Spring 2017 Career Day had 2133 students, grads, and alumni attend. Employers were surveyed and stated that this event continues to be one of the best career fairs in the country. Going forward, the Career Center, in conjunction with a Career Day Taskforce, is implementing new “Signature Experience” programming for 2017-2018 to enhance the quality and quantity of the student and employer offerings. Figures 12 - 14 show the results, prior year comparisons, and majors requested.

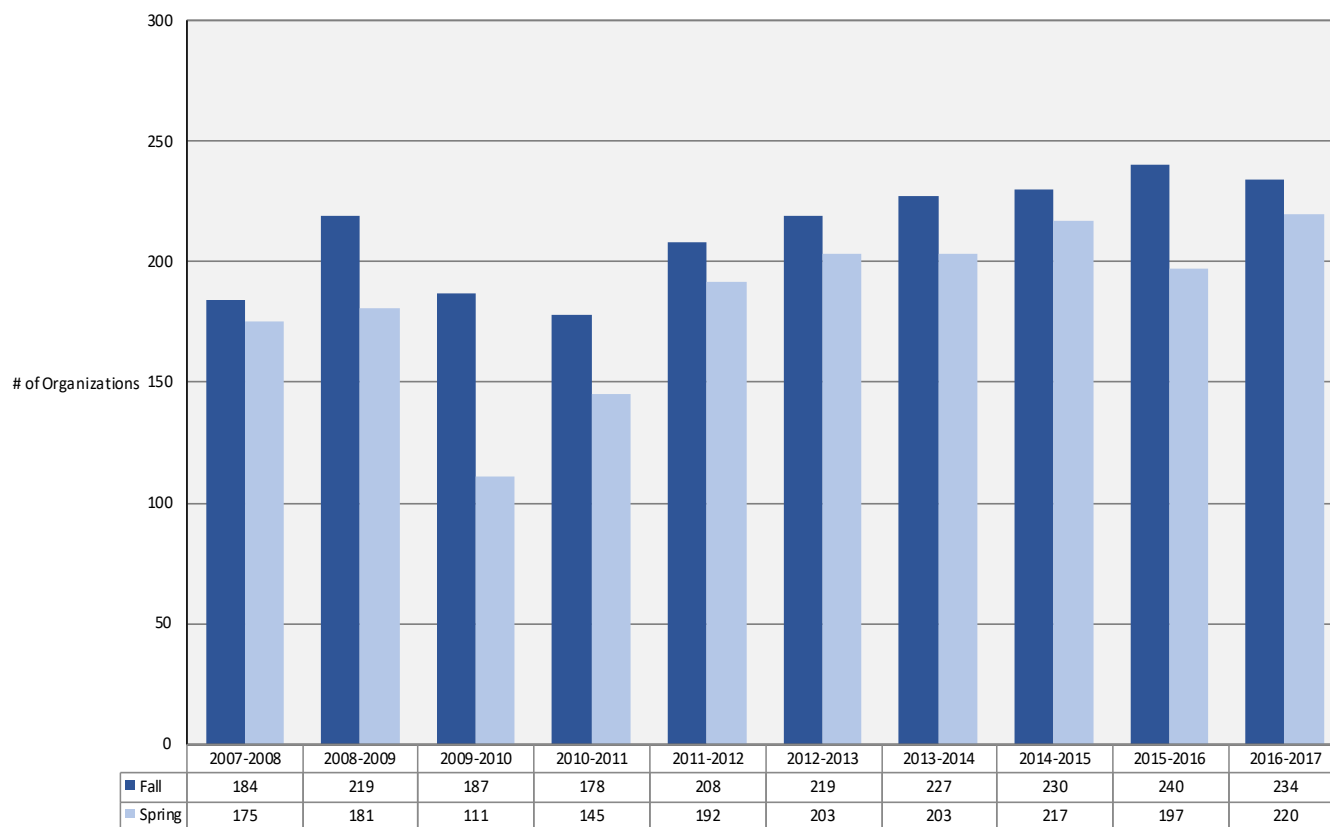
Career Day Highlights

Large Fall Career Day with 234 organizations participating.

Largest Spring Career Day in Mines’ history, with a record 220 organizations participating.

Looking Forward: **New 2017-2018 Career Day Signature Experience**

Figure 12: 10-Year Career Day - Employer Attendance History



2016-2017 Annual Report

Figure 13: 10-Year Career Day Student / Graduate Attendance History

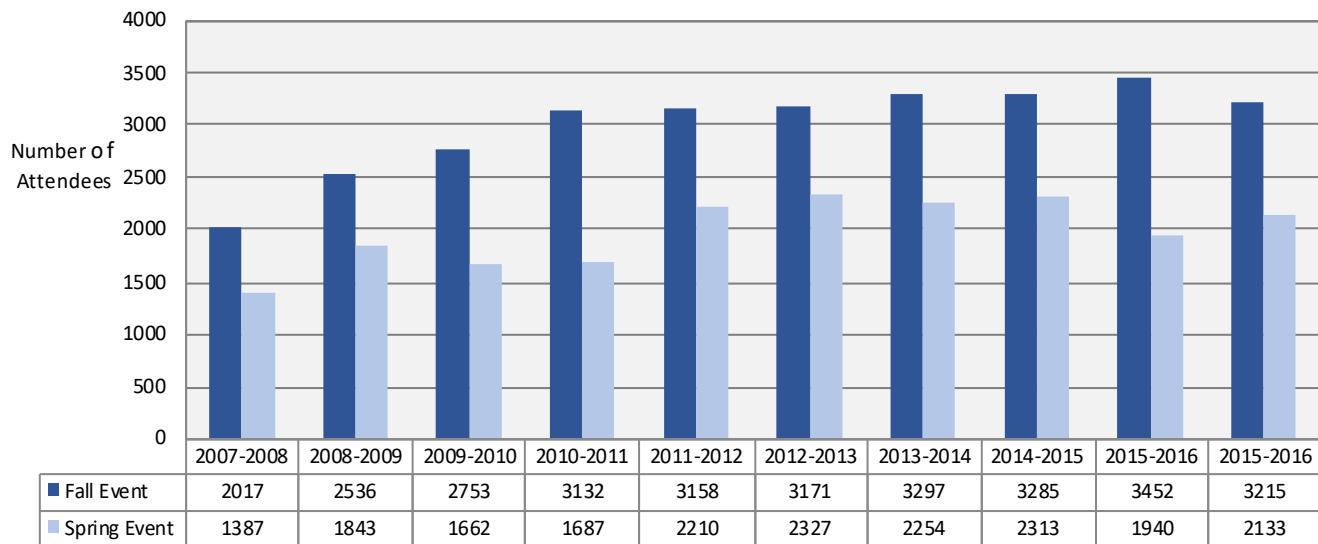
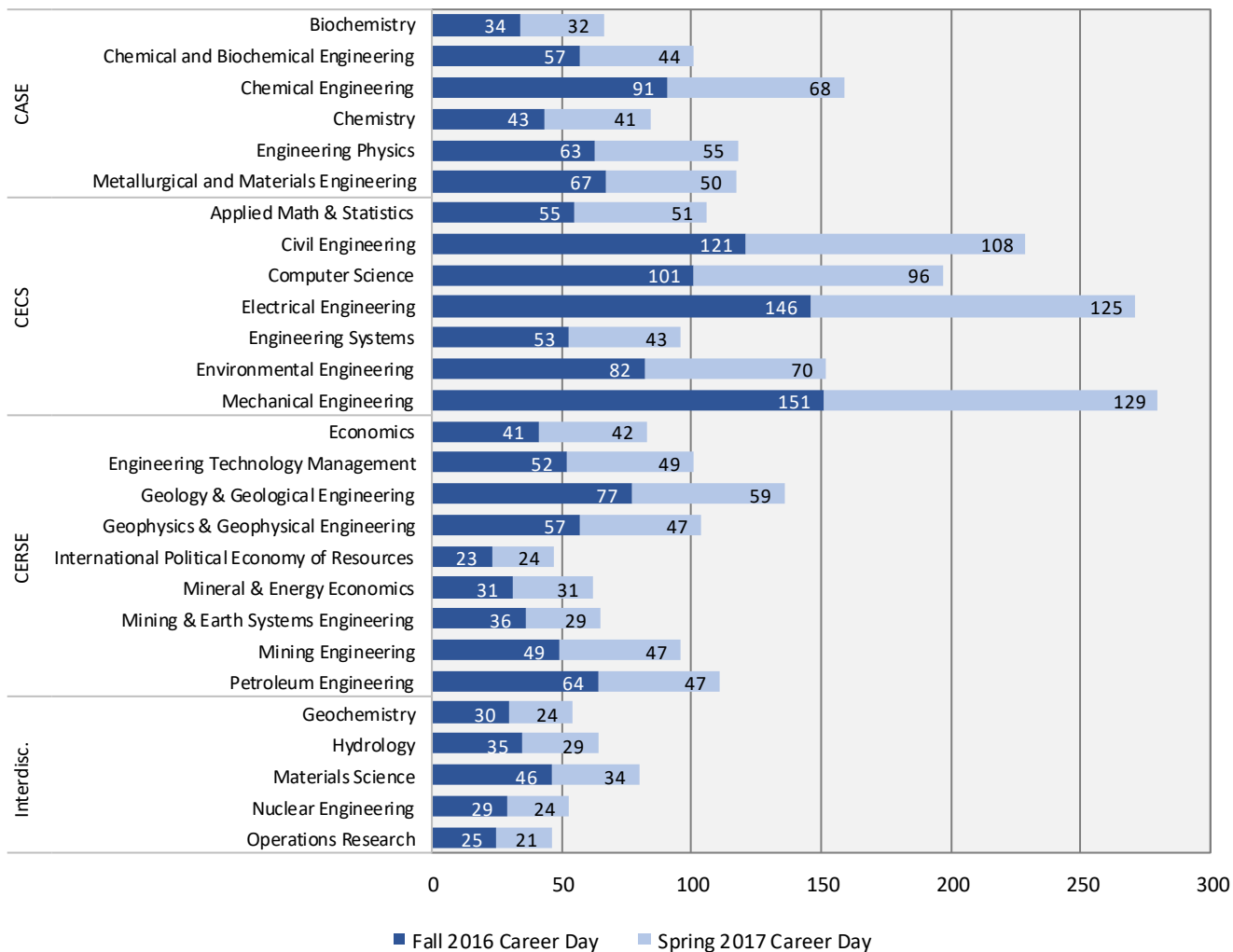


Figure 14: Majors Sought by Organizations at 2016-2017 Career Day Events



Career Day and Special Recruiting Events

DiggerNet On-Line Job Fairs

The On-Line Job Fairs through DiggerNet have been effective in prompting employers to recruit at Mines between Career Day events. This activity re-motivates students and also upcoming graduates by providing them with an added concentration of good job prospects near the close of the semester. Spring 2017 Job Fair featured 73 employers, 139 jobs opportunities, resulting in a total of 904 resumes submissions. Also, in Spring 2017 the name of the event was changed from Virtual Career Fair to DiggerNet On-Line Job Fair to more accurately describe the event. In addition, the fall 2016 event wasn't held, as with its partner TNT event, since the employer need wasn't sufficient. We will continue to hold the Spring event where there has consistently been strong response.

Highlights

73 Employers participated

139 Jobs posted during the Spring event.

904 Resume applications were submitted by students.

Figure 15: DiggerNet Job Fair Employer Participation

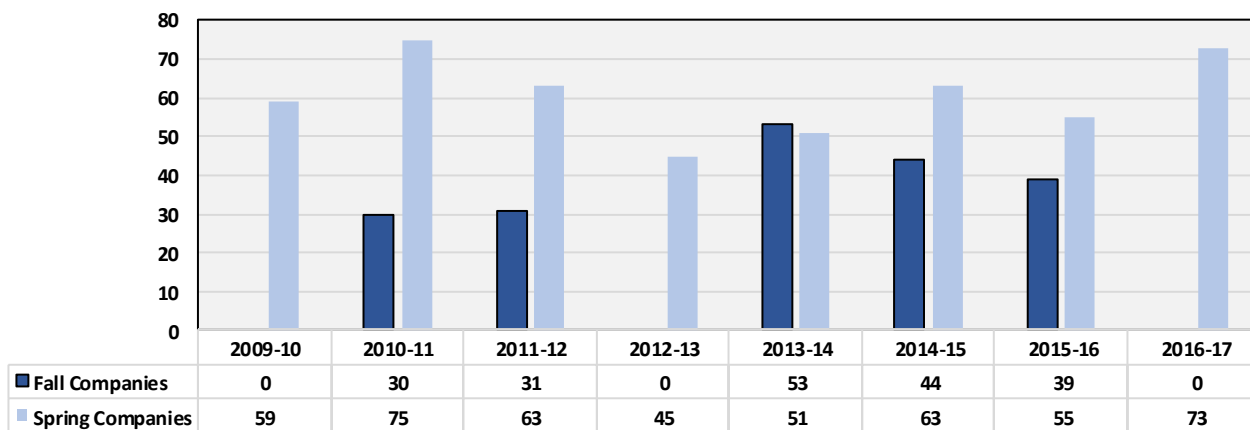
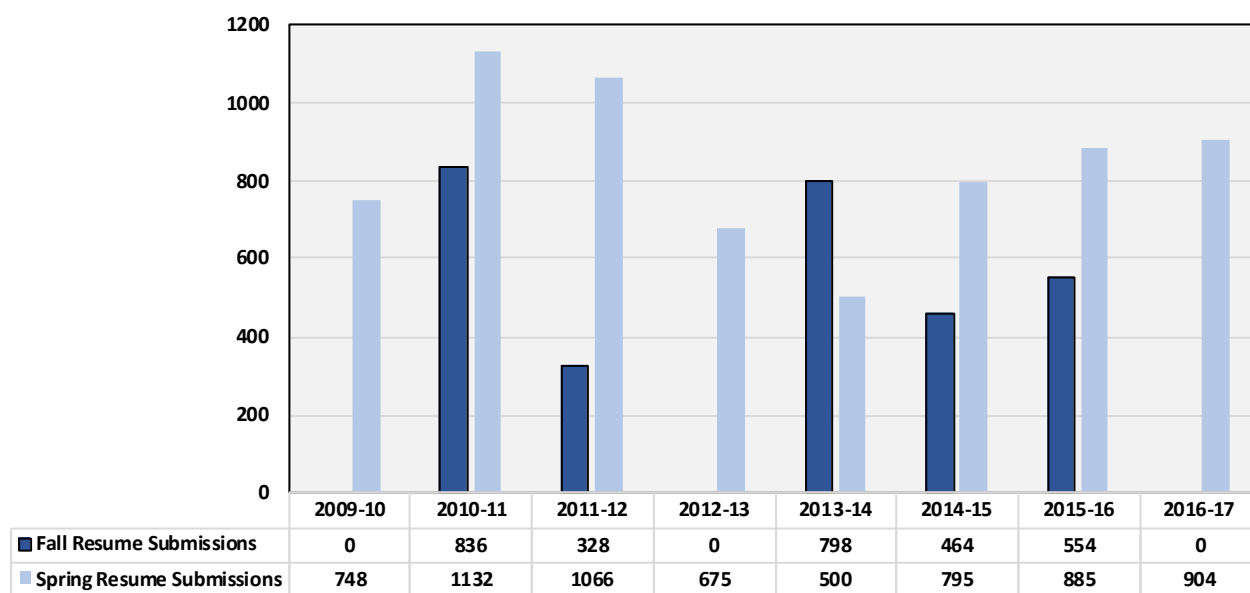


Figure 16: DiggerNet Job Fair Employer Student Response



2016-2017 Annual Report

Special Recruiting Events

To encourage students in their efforts to secure meaningful positions (full-time or internships), and to provide employers with a “last-minute” forum to further seek valuable employees, the Career Center has created special recruiting events to conclude both Fall and Spring semesters. The Nick of Time (TNT) and Spring Launch one-day events have been successful with employers conducting interviews in an exhibit hall venue to help meet their immediate hiring needs. Combined with the Virtual Career Fairs held earlier, these events are great opportunities to catch students before they have left campus. Due to the tightness of Fall recruiting and holidays, TNT has been discontinued, emphasizing the Spring event. Note that an especially high number of students were interviewed in 2015 when employers sent multiple representatives to interview.

An added value for employers attending these recruiting events is the professional development luncheon workshop which offers valuable workshops on such timely topics as “Optimizing Branding on Campus,” “*Creating an Exemplary Internship Program*,” and “*Increasing Diversity Inclusion in the Workforce*.” These presentations reflect Career Center collaborations that have included expert speakers from across campus, and also from various sectors of industry. Figures 17 and 18 note both employer and student involvement in these special recruiting events.

Figure 17: TNT and Spring Launch Recruiting Events - Company Activity

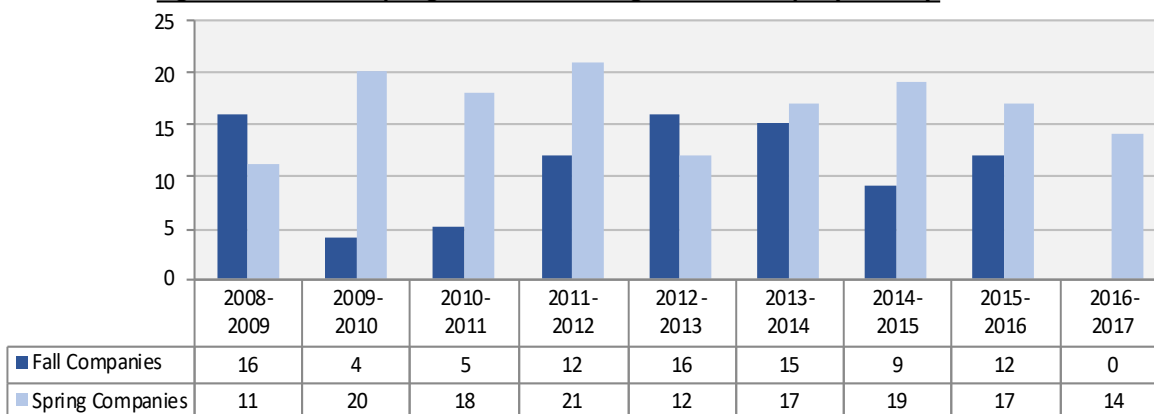
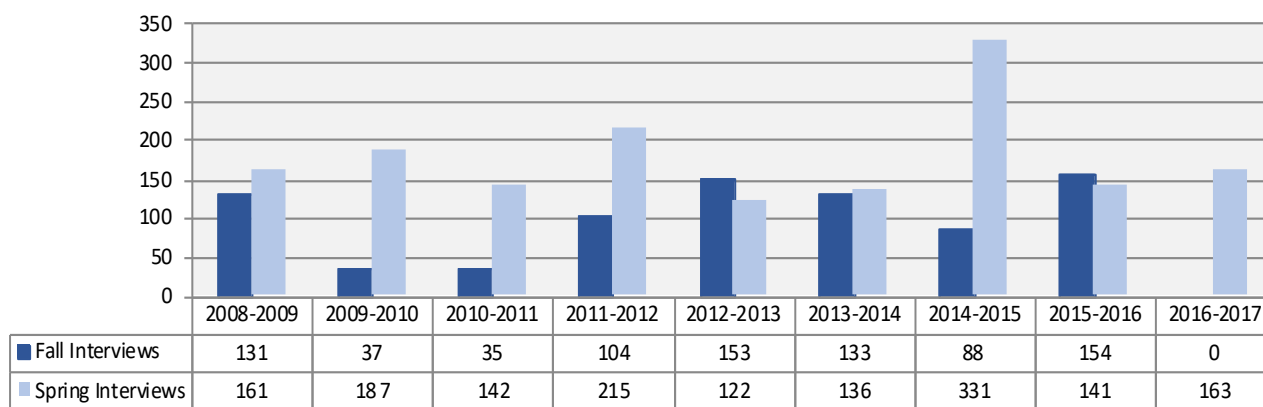


Figure 18: TNT and Spring Launch Recruiting Events - Student Activity



2016-2017 Annual Report

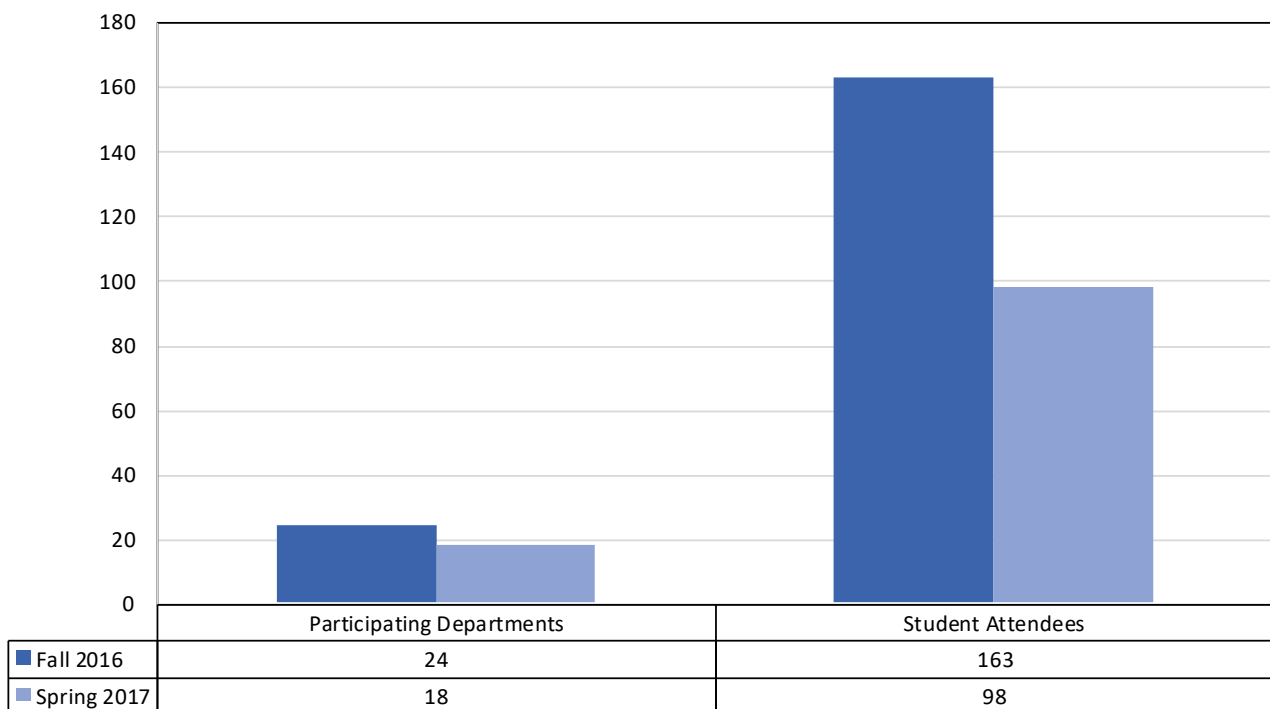
Student Employment Job and Resource Fair

Historically at Mines, students had the ability to apply individually to jobs, without the convenience of speaking to departments in one place to explore if there was a good fit of skills, interests, and qualifications. In Spring 2016, a committee, representing three Student Life departments, was identified with the initiative to explore the benefits of a collaborative, sustainable program for recruiting new Student Assistants / Student Workers as part of the Student Life Leadership Capstone Project. The first phase of this project was a student employment job resource fair to be held in the fall and spring semesters. The purpose of these events is to allow students to learn about the types of positions / departments on campus, allow departments to see more qualified students, while having many of the resources, job application documents, and information on funding in one convenient place.

As a result, the first Colorado School of Mines Student Employment Job and Resource Fair was held in Fall 2016 with 24 departments that participated in the event and 163 students who attended. At the Spring 2017 Student Employment Job and Resource Fair, 18 campus departments participated in the event and 98 students attended. Feedback from both campus departments and students was very positive on the value of event.

Going forward, the Mines Student Employment Job and Resource Fair will be moved earlier to the first week of the Fall 2017 semester, but will still be held in March for Spring 2018. The length of the event will be shortened to 4 hours. Trainings on DiggerNet for campus hiring managers will be added 30-60 days prior to the event to encourage further promotion of job opportunities.

Figure 19: Student Assistant Job & Resource Fair Results



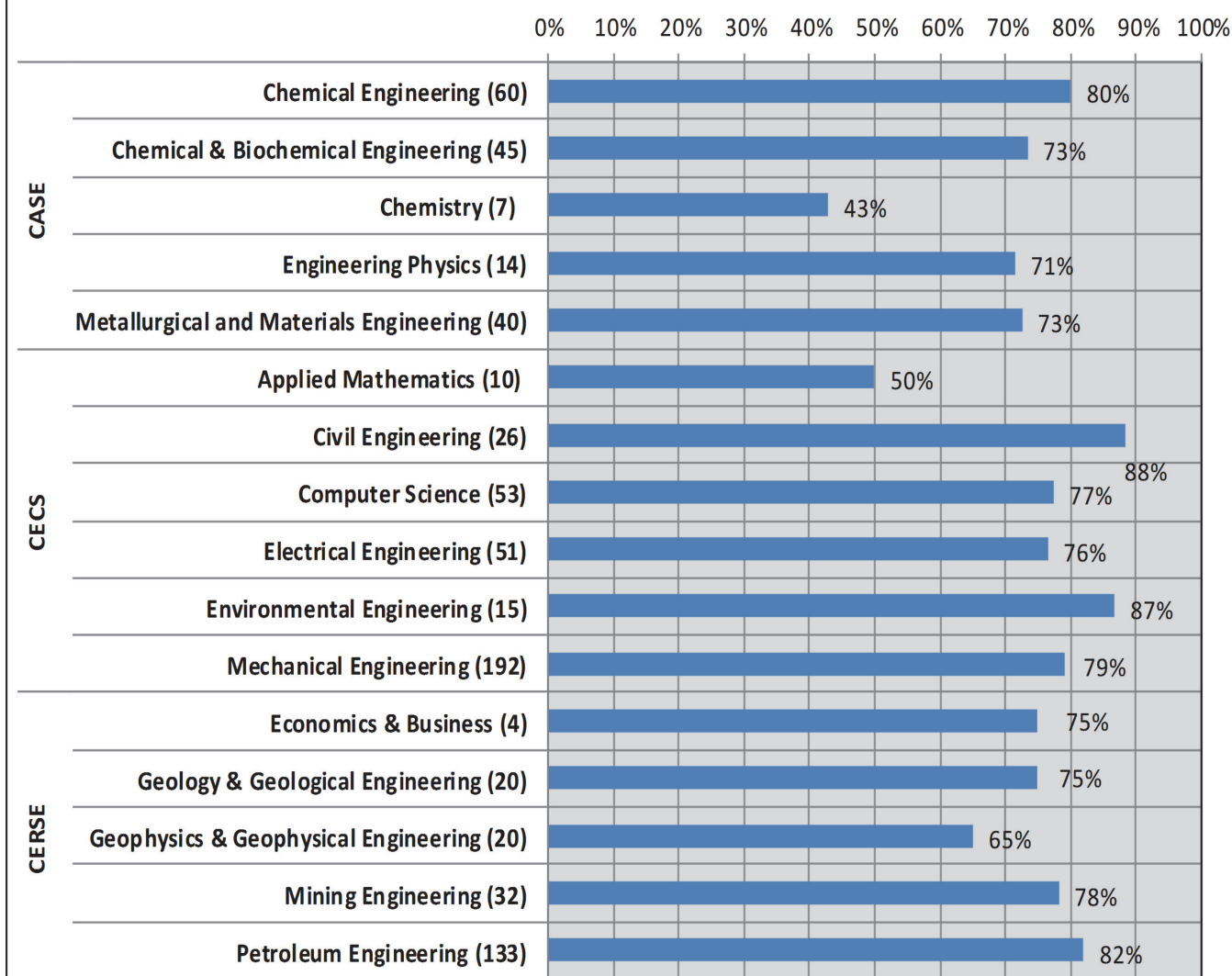


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BS Graduates with Technical Work Experience

In addition to hands-on projects that students accomplish in courses, the added benefit of “real life” relevant experience while in college is invaluable. Students are encouraged to pursue such internships, co-ops, research experience beyond the regular classroom experience, and even seek job shadow opportunities. The percentage of documented relevant technical experience for B.S. students prior to graduation was **78%** from 79% the prior year. In general, the leading disciplines in reported internship/technical experience are those involved with natural resource extraction, manufacturing, and information technology. As MS/PhD students often come to Mines with prior full-time experience, or may be working for a company while completing the advanced degree, these groups are, therefore, not included in Figure 20 below, which depicts BS graduates with direct job-seeking goals.

Figure 20: Job Seeking BS Graduates with Technical Experience



2016 - 2017 Annual Report

Co-Operative Education, Internships, Job Shadowing

At Colorado School of Mines, all forms of technical experience, relevant to a student's major, are encouraged. Most commonly these experiences are paid summer internships or part-time jobs during the academic year. To be considered a valid technical experience, the hiring organization would be within industry or government, utilizing relevant skills that the student is developing. Most internships offer ample opportunities for the student to practice technical skills, and build the necessary communication skills that will be valued for future work. In addition, there are other opportunities for students to work in the various research centers on-campus. Whether funded by NSF or other government funding, or by private corporations, the many campus research centers offer students a chance to be involved in high level technology. The Career Center also posts REU opportunities from other academic institutions.

Co-Operative Education

The Mines Co-Operative Education program varies from a typical internship in that it involves a minimum commitment of the equivalent of six months of full-time work. The co-op program, for undergraduate students, is usually completed during late sophomore or junior year. The valuable experience allows students to integrate academic learning with in-depth immersion in company teams with more involved projects than possible in a typical internship. Because of the high value of this interaction for both student and employer, greater promotion of the program is planned.

During the 2016-2017 academic year, eight students participated in co-ops, gaining valuable hands-on experience and clarifying career path plans. Companies involved were Braun Intertec, Gates, Interstate Highway Construction, Nucor, Sundyne, Tesla, and Traylor Brothers. During this same timeframe, 30 companies posted a total of 68 co-op positions in DiggerNet as opportunities for Mines students.

Internships

Each year, the Career Center collects data on summer internships. Information is provided by the students on a voluntary basis. The information given on Table 6 on the following page is intended for reference only and does not imply that this is the total number of internships and/or the only salaries experienced by Mines students of each major during the Summer of 2017. Typically, the lower salaries are noted by freshmen.

Job Shadowing

Students are encouraged to seek out job shadow opportunities to help clarify choice of major, choice of industry, or even choice of job position. These unpaid short-term experiences during the breaks in the academic schedule are an excellent way for students to promote their professional development plans, and a great way for organizations to begin to build a pipeline of interested, dedicated future employees while increasing their name recognition on the Mines campus.

Technical Experience—Internships, Co-Ops & Research

Table 7: Summer 2017 Reported Internships/Research with Compensation by Major

Mines Summer 2017 Undergraduate Internships Average Hourly Salary				
College	Student Major	Low	High	Average
CASE	Chemical Eng/ Biochemical Engineering (75)	\$10.00	\$45.00	\$20.00
	Chemistry (4)	\$10.00	\$15.00	\$12.15
	Engineering Physics (29)	\$10.00	\$37.50	\$18.00
	Metallurgical & Materials Engineering (44)	\$10.50	\$34.50	\$18.80
CECS	Mathematics & Statistics (23)	\$10.50	\$29.00	\$18.00
	Civil Engineering (54)	\$10.00	\$25.00	\$17.50
	Computer Science (59)	\$10.00	\$47.00	\$20.60
	Electrical Engineering (64)	\$10.00	\$50.00	\$19.71
	Environmental Engineering (23)	\$10.00	\$23.25	\$16.00
	Mechanical Engineering (210)	\$10.00	\$41.00	\$19.20
CERSE	Economics & Business (3)	\$15.00	\$28.00	\$22.70
	Geology & Geological Engineering (20)	\$10.00	\$30.00	\$16.00
	Geophysics & Geophysical Engineering (17)	\$10.00	\$28.00	\$16.70
	Mining Engineering (15)	\$10.00	\$23.00	\$18.60
	Petroleum Engineering (74)	\$11.00	\$46.00	\$29.30

Mines Summer 2017 Graduate Internships Average Hourly Salary				
College	Student Major	Low	High	Average
CASE	Chemistry	N/A	N/A	N/A
	Physics Applied* (3)	\$13.00	\$29.00	\$20.65
	Chemical Engineering * (3)	\$10.00	\$10.00	\$10.00
	Metallurgy & Material Science* (5)	\$12.50	\$30.00	\$24.25
CECS	Applied Mathematics & Statistics* (5)	\$20.90	\$100.00	\$40.50
	Civil & Environmental Engineering* (9)	\$11.00	\$35.25	\$20.60
	Civil Engineering* (6)	\$10.00	\$53.00	\$22.60
	Computer Science (13)	\$11.25	\$50.00	\$29.00
	Electrical Engineering (3)	\$21.00	\$47.50	\$32.00
	Engineering Systems	N/A	N/A	N/A
	Environmental Engineering Science (4)	\$13.00	\$30.00	\$20.75
	Mechanical Engineering (18)	\$10.00	\$37.50	\$20.40
CERSE	Econ - Engineering Technology Management (4)	\$20.00	\$40.00	\$31.15
	Econ - Mineral & Energy Economics (6)	\$16.00	\$40.00	\$24.80
	Geology & Geological Engineering (9)	\$12.00	\$56.50	\$37.45
	Geophysics & Geophysical Engineering (17)	\$25.00	\$55.00	\$43.00
	Mining & Earth Systems Engineering (5)	\$14.00	\$25.00	\$19.15
	Petroleum Engineering (5)	\$39.00	\$55.00	\$44.80
INTERDISC.	Geochemistry* (5)	\$9.40	\$43.00	\$22.30
	Hydrology* (5)	\$14.90	\$18.00	\$16.20
	Material Science* (4)	\$10.80	\$24.00	\$15.20
	Nuclear Engineering (3)	\$12.50	\$25.00	\$17.85
	Underground Construction & Tunneling	N/A	N/A	N/A

Note: *Average calculated from two years combined due to limited 2017 reports

Note: (#) indicates the number of students that reported salary information

Note: N/A indicates insufficient data was reported



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Two-Year Update Report on Recent Graduates

Update Report on Recent Graduates

This 2017 Career Center follow-up details the progress of Mines recent graduates. Progress toward a graduate's first destination is followed and facilitated for two years after graduation. These Mines 2014 —2015 graduates have been recently surveyed and now show outcome rates of **97% BS**, **97% MS** and **100% PhD**. This compares to the original outcomes following graduation reported in the 2014 Annual Report of 87% BS, 95% MS, and 100% PhD.

This updating of the graduates who were seeking positions or graduate schools at the close of data collection is intended to indicate a timeline for graduates to achieve that first step after leaving Mines. For those who do not report specifics of their career path prior to graduation, every effort is made to remain in contact to provide assistance for their job search endeavors. Programming is in place for both one-on-one and group workshops targeting the specific majors and career paths sought.

The overall definition of “outcomes” includes all the categories of Mines graduates who are no longer seeking Career Center assistance:

- Graduates who have accepted positions in areas of industry, government, or military;
- Those who have chosen continued education as the next step;
- International students who are presumed to have returned to their home countries;
- Other graduates who notify the Career Center they are “not looking” for their own reasons.

Active job-seekers are classified as among the positive outcomes when they inform the Career Center that they are no longer seeking a position. Career Center staff attempts to communicate and maintain connection with unemployed graduates through phone, email, and social media such as LinkedIn, encouraging 1:1 meetings or discussions remotely. If the multiple efforts to reach a graduate are not successful, it is presumed that the person is not actually in an active job search or they would be responding to our offers for assistance. The Career Center staff is available for these recent graduates for up to two years while they are in an active job search. If an employed graduate's situation is changed during this interval, contacting the Career Center will reactivate the assistance process.

The following report includes a detailed breakdown of the outcomes status by degree and major for Mines graduates of 2014-2015.

Two-Year Update December 2014 - August 2015 BS Graduates
(Graduates Reported in the 2015 Annual Report)

COLLEGE AND PROGRAM	# of Graduates	# of Double Majors	Industry	Government	Military	Grad. School	International Returning	Not Looking	Seeking	Contacted Students	Unable to Contact	% Out-comes Contacted Students
College of Applied Science												
Chemical Engineering	60	2	42	4	0	8	0	2	4	58	0	97%
Chemical & Biochemical Eng.	42	0	26	1	0	10	0	3	2	40	0	100%
Chemistry (all specialties)	13	3	5	1	0	6	0	0	1	13	0	100%
Engineering Physics	64	2	21	1	0	37	0	3	2	62	0	98%
Metallurgical & Materials Eng.	37	0	24	0	0	9	3	1	0	37	0	100%
College of Engineering & Computational Sciences												
Applied Mathematics & Statistics	25	3	15	0	0	8	0	1	1	25	0	90%
Civil Engineering	56	0	40	3	1	9	1	2	0	56	0	100%
Environmental Engineering	31	0	16	2	1	9	0	3	0	31	0	100%
Computer Science	69	5	54	1	0	9	0	4	1	66	1	98%
Electrical Engineering	55	10	44	2	0	4	0	5	0	55	0	98%
Mechanical Engineering	191	8	144	6	0	23	2	9	7	0	3	99%
College of Earth Resources & Science												
Economics	8	1	7	0	1	0	0	0	0	8	0	100%
Geology & Geological Eng.	35	0	15	0	0	15	2	3	0	35	0	100%
Geophysics & Geophysical Eng.	29	1	14	0	0	11	2	2	0	29	0	100%
Mining Engineering	40	0	35	0	1	1	1	1	1	40	0	100%
Petroleum Engineering	177	1	125	0	0	22	14	4	12	170	0	98%
<i>Subtotal (with 13 double majors)</i>	<i>932</i>	<i>36</i>	<i>627</i>	<i>21</i>	<i>4</i>	<i>181</i>	<i>25</i>	<i>43</i>	<i>31</i>	<i>623</i>	<i>4</i>	
TOTAL	914	18	622	20	4	180	25	42	30	623	4	97%

Note: Sub-totals are sum of the degrees earned. Totals are the actual number of individuals graduating in each category.

CLASS	% ANNUAL REPORT	TWO YEAR UPDATE
2013 - 2014	91%	98%
2012 - 2013	90%	98%
2011 - 2012	90%	98%
2010 - 2011	90%	95%
2009 - 2010	85%	98%
2008 - 2009	86%	98%
2007 - 2008	94%	98%
2006 - 2007	95%	99%
2005 - 2006	90%	99%
2004 - 2005	73%	96%

CLASS	% ANNUAL REPORT	TWO YEAR UPDATE
2013-2014	94%	99%
2012-2013	95%	100%
2011-2012	95%	99%
2010-2011	94%	99%
2009-2010	88%	99%
2008-2009	96%	98%
2007-2008	95%	99%
2006-2007	96%	100%
2005-2006	89%	99%
2004-2005	87%	98%

Two-Year Update December 2014 - May 2015 PhD Graduates
(Graduates Reported in the 2015 Annual Report)

COLLEGE AND PROGRAM	# of Graduates	Industry	Government	Military	Grad. School	Intl. Returning to Country	Not Looking	Seeking	Contacted Students	Unable to Contact	% Outcomes Contacted Students
College of Applied Science											
Applied Chemistry	12	2	4	0	0	4	2	0	12	0	100%
Physics - Applied	7	3	3	0	0	0	1	0	7	0	100%
Chemical Engineering	10	8	0	0	0	2	0	0	10	0	100%
Metallurgy & Materials Engineering	8	3	3	0	0	2	0	0	8	0	100%
College of Engineering and Computational Sciences											
Applied Math & Statistics	2	0	2	0	0	0	0	0	2	0	100%
Civil & Environmental Engineering	3	1	0	0	0	2	0	0	3	0	100%
Civil Engineering	4	1	2	0	0	0	1	0	4	0	100%
Environmental Engineering	7	2	3	0	0	0	2	0	7	0	100%
Computer Science	4	2	2	0	0	0	0	0	4	0	100%
Electrical Engineering	7	1	3	0	0	3	0	0	7	0	100%
Engineering - Systems	2	1	1	0	0	0	0	0	2	0	100%
Mechanical Engineering	7	3	2	0	0	2	0	0	0	0	100%
College of Earth Resource Science and Engineering											
Econ - Mineral & Energy Economics	2	0	0	1	0	1	0	0	1	0	100%
Geology & Geological Eng.	9	8	0	0	0	1	0	0	9	0	100%
Geophysics & Geophysical Eng.	9	7	2	0	0	0	0	0	9	0	100%
Mining & Earth Systems	4	0	2	0	0	2	0	0	4	0	100%
Petroleum Engineering	10	4	0	0	0	6	0	0	10	0	100%
Interdisciplinary Graduate Level Degree Programs											
Geochemistry	0	0	0	0	0	0	0	0	0	0	100%
Hydrologic Science & Eng.	2	0	1	0	0	0	1	0	2	0	100%
Materials Science	10	2	3	0	0	5	0	0	5	0	100%
Nuclear Engineering	1	0	0	0	0	1	0	0	2	0	100%
Operations Research	3	1	0	2	0	0	0	0	3	0	100%
TOTAL	123	49	33	3	0	31	7	0	111	0	100%

CLASS	% ANNUAL REPORT	TWO YEAR UPDATE
2013-2014	97%	100%
2012-2013	95%	100%
2011-2012	95%	99%
2010-2011	94%	99%
2009-2010	88%	99%
2008-2009	96%	98%
2007-2008	95%	99%
2006-2007	96%	100%
2005-2006	89%	99%
2004-2005	87%	98%

Mines Recruiter Companies List - July 2016 through June 2017

Organizations Recruiting by Online (DiggerNet) and/or On-Campus Participation
 (JP = posted job(s), CD = Career Day participant, OCR = on-campus recruiting participant)

Company	JP	CD	OCR
1K1V One Thousand & One Voices	✓		
3esi-Energisight		✓	
A. O. Smith Corporation	✓		
A.G. Wassenaar, Inc.	✓		
AAA Waterproofing Inc.	✓		
ABS - American Bureau of Shipping	✓	✓	
AC Golden	✓		
Accutron Instruments Inc.	✓		
ADA Technologies, Inc.	✓		✓
ADA-ES, Inc.	✓		✓
Adaptive Innovations	✓		
AdGorilla	✓		
Advanced Energy	✓		
Advanced Micro Devices (AMD)		✓	
Advanced Terra Testing, Inc.	✓		
AECOM	✓		
AECOM Technical Services	✓		
Aera Energy LLC		✓	✓
Aero Solutions, LLC/Wind Tower Technologies, LLC	✓	✓	
Agility Solutions		✓	
AIG (American Intern'l Group)	✓		
Air Comm Corporation	✓		
Air Force Civilian Service	✓		
Air Sciences Inc.	✓		
Air Squared	✓		
Airmada, Inc.	✓		
Alarm.com	✓	✓	
Alexco Environmental Group	✓		
Alfred Benesch & Company	✓		
Alight	✓	✓	✓
Allegion	✓	✓	
Alpenglow Equity	✓		
Alpha Data Inc.	✓		✓
Amazon	✓		

Company	JP	CD	OCR
American Association for the Advancement of Science	✓		
AMERICAN Cast Iron Pipe Co.	✓	✓	✓
American Civil Constructors West Coast, Inc.	✓	✓	✓
American Shizuki Corporation	✓		
American Water Works Assoc.	✓		
AmeriCorps NCCC	✓		
Ames Construction		✓	
AMG Vanadium LLC	✓		✓
Anadarko Petroleum Corporation	✓	✓	✓
Analytic Partners	✓		
Anderson & Hastings Construction	✓		
Answer Engineering	✓		✓
Ansys, Inc.	✓	✓	
Antero Resources	✓		✓
Anvil Corporation		✓	✓
Apache Corporation	✓	✓	✓
Apex Engineers, Inc.		✓	
Apogee Engineering, LLC	✓		
Applied Control Equipment		✓	✓
Applied Flow Technology	✓		
Applied Intellect LLC	✓		
Applied Materials	✓		✓
AppNexus	✓		
AquaAeTer, Inc.	✓		
Aquionix	✓		
Arcadis, Inc.		✓	
ArcelorMittal	✓	✓	✓
Arch Coal, Inc.		✓	
ARCO/Murray National Construction Company	✓	✓	
ARCOM Capital LLC	✓		
Arconic	✓		
ARCSCAN, Inc.	✓		
AREVA Inc.	✓		
Argonne National Labs	✓		

Company	JP	CD	OCR
Arista Networks	✓	✓	✓
Arizona Dept. of Water Resources	✓		
Arkansas Teacher Corps	✓		
Arup	✓	✓	✓
Ascent Geomatics Solutions	✓		
Ascent360	✓		
ASI Constructors, Inc.	✓		
Asian Pacific American Institute for Cong. Studies (APAICS)	✓		
Aspen Energy Partners, LLC	✓		✓
Assured Flow Solutions, LLC	✓	✓	✓
AstraZeneca Pharmaceuticals	✓		
ATI Flat Rolled Products	✓		
ATI Specialty Alloys & Components	✓		
Atlas Pacific Engineering Company	✓		
Atwell	✓	✓	
Avanade Inc.		✓	
BAE Systems	✓	✓	
Baker Hughes	✓	✓	
Baldor - A Member of the ABB Group		✓	
Balfour Beatty Infrastructure, Inc.		✓	
Ball Aerospace & Tech. Corp.	✓	✓	✓
Barnard Construction Company		✓	✓
Barr Engineering Company	✓		
BASF Corporation	✓		
BBC Research and Consulting	✓		
Belong Designs		✓	
BGC Engineering	✓		
BHP Billiton Petroleum	✓	✓	✓
Bill Barrett Corporation	✓		
Bimbo Bakeries USA	✓		✓
Bishop-Brogden Associates, Inc.	✓		
BIT Systems	✓		
Bits, Bytes & Bots	✓		
Black & Veatch	✓	✓	✓
Black Forest		✓	
Black Hills Corporation	✓	✓	
Blender Products Inc.	✓		✓
Bloom Energy	✓		
Blueprint Schools Network	✓		
BlueStamp Engineering	✓		

Company	JP	CD	OCR
Boettcher Teacher Residency		✓	
Bonneville Power Administration		✓	
Bowman Consulting Group, Ltd.		✓	
BP	✓	✓	✓
BP Lower 48 Onshore	✓	✓	✓
Braun Intertec	✓		
Bridge Diagnostics Inc.	✓		
Brinkmann Constructors	✓	✓	✓
Bristol Site Contractors LLC	✓		
BRS Engineering	✓	✓	
Bryan Research & Engineering	✓		
BTU Analytics, LLC		✓	
Build Change	✓		
Build Group, Inc.	✓		✓
Bureau of Land Management - National Operations Center	✓		
Bureau of Land Management (BLM)-Colorado	✓		
Bureau of Ocean Energy Management		✓	
Bureau of Reclamation		✓	
Burns & McDonnell	✓	✓	✓
CACI/BIT Systems		✓	
Caliber Midstream		✓	
Calibre Engineering Inc.	✓		
California Steel Industries, Inc.	✓	✓	
Calpine Corporation	✓		
CalPortland	✓	✓	
Cardinal Intellectual Property	✓		
Cardinal Peak	✓		
Carollo Engineering	✓		
Castle Rock Construction Company of Colorado, LLC	✓		✓
Caterpillar, Inc.		✓	✓
Causey Demgen & Moore Inc.	✓		
CCPI, Inc.	✓		✓
CDM Smith	✓		
CEMEX		✓	
Center on Budget and Policy Priorities	✓		
Centerline Solutions	✓		
Centerstone Technologies	✓		

Company	JP	CD	OCR
CenturyLink	✓		
Certol International, LLC	✓		
Cesare, Inc.		✓	
CEXEC Inc.	✓		
CH2M	✓	✓	
Chaffee County Habitat for Humanity	✓		
Champion Technology Services		✓	
Charles Schwab & Co., Inc.	✓		
Charter Communications		✓	
Chesapeake Energy Corporation	✓	✓	✓
Chevron Corporation	✓	✓	✓
Chevron Energy Technology Co.		✓	
Chevron Phillips Chemical Co.	✓	✓	✓
CHS, Inc.	✓	✓	✓
Cigna	✓		
Cimarex Energy Co.	✓		✓
Circle Graphics, Inc.	✓		
Cisco Systems	✓		
Citrix		✓	✓
City and County of Denver		✓	
City of Arvada	✓		
City of Colorado Springs	✓		
City of Englewood	✓		
City of Lakewood		✓	
City of Pueblo	✓		
City of Thornton	✓		
City of Torrington	✓		
CiviCore, LLC	✓		
Clean Harbors	✓		
Cleveland Clinic- Dept. of Biomedical Engineering		✓	
Cliffs Mining Company		✓	
Cliffs Natural Resources	✓		
Club Z! In-Home Tutoring	✓		
CO Assoc. of Mechanical and Plumbing Contractors		✓	
CO Water & Power Authority	✓		
Cobham Corporate North America	✓		
Cochlear Americas	✓		
Code 42	✓	✓	✓

Company	JP	CD	OCR
codeDenver	✓		
Coeur Mining Inc.	✓	✓	✓
Coffman & Co.	✓		
Cogent, Inc.	✓		
CollegeDrive Test Prep and Tutoring	✓	✓	
Collins Engineers, Inc.	✓		
Colorado Dept. of Public Health and Environment	✓		
Colorado Dept. Of Transportation (CDOT)	✓	✓	
Colorado Governor's Office	✓		
Colorado Mechanical Systems	✓		
Colorado Mountain College - Rifle	✓		
Colorado National Guard		✓	
Colorado Quality Products, LLC	✓		
Colorado Springs Utilities	✓		
Comcast Corporation	✓	✓	✓
Compass Consulting Engineers	✓		
Compass Land Group	✓		
Compensation & Benefit Solutions	✓		
Computershare	✓		
Computronix	✓		
Concrete Express, Inc. (CEI)	✓	✓	
Condor Earth Technologies, Inc.	✓		
ConMed Electrosurgery	✓		
ConocoPhillips	✓	✓	✓
Convergys	✓		
CoorsTek	✓	✓	
Cosmic AES		✓	
Cotta Controls	✓		
Covenant Testing Technologies	✓		
Cozy Fox Tours	✓		
CRE Design Engineering	✓		
Credera	✓	✓	
Cree, Inc.	✓		
Crescent Petroleum	✓		
Crescent Point Energy	✓	✓	
CrownQuest Operating	✓		
Custom Milling Center	✓		
CVL Consultants of Colorado Inc.	✓		

Company	JP	CD	OCR
Cytxera	✓		
Dal-Tile Corporation		✓	
Dana Software Development	✓		✓
Davidson Technologies, Inc.	✓		
DCP Midstream	✓		
DCR, Inc.	✓		
Dealer360	✓		
Dean Electric, Inc.	✓		
Defense Intelligence Agency		✓	
Denbury Resources	✓		✓
DENSO Manufacturing	✓	✓	✓
Denver District FDA	✓		
Denver Investments	✓		
Denver Teacher Residency - Denver Public Schools	✓	✓	
Denver Transit Operators	✓		
Denver Water	✓	✓	
Denver Zoo	✓		
Devon Energy Corporation	✓	✓	✓
Digital First Media	✓		
Digital Media Academy	✓		
DigitalGlobe		✓	
Discovery Natural Resources		✓	
DISH Network	✓		
Disney Worldwide Services, Inc.	✓		
Dispatch	✓		
Division of Energy & Mineral Development		✓	
DLR Group	✓		
DMC Inc.	✓	✓	✓
Dohmen Life Science Services	✓		
Dolan Integration Group	✓		
DoraniX, LLC	✓		
Double T Balancing Company	✓		
Douglas County	✓		
DOWL		✓	
DownUnder GeoSolutions	✓		
Dragados USA		✓	
Drill Tech Drilling & Shoring Inc.	✓		✓
Drillinginfo		✓	
DRS Engineering Contractors	✓		

Company	JP	CD	OCR
DSP Builders, Inc.	✓		
DW-National Standard		✓	
Dynamic Materials Corporation	✓		
E-470 Public Highway Authority	✓		
Eagle Mine		✓	✓
Eagle River Water & Sanit. Dist.	✓	✓	
ECC	✓		
ECI Site Construction Mgmt., Inc.		✓	
El Pomar Foundation	✓		
Electrical Consultants, Inc.	✓	✓	
Electro Industries	✓		
Electro Magnetic Applications	✓	✓	
Ellis Construction Specialties, LLC	✓		
Ellwood Group, Inc. (EGI)	✓	✓	
EN Engineering	✓		
Encana Oil & Gas (USA) Inc.	✓	✓	✓
Energetics Incorporated	✓		
Energy & Resource Consulting Group	✓		
Energy Security Analysis, Inc.	✓		
ENEXIO US, LLC.		✓	
Engineering for Kids	✓		
Enirgi (Natural Soda)	✓		
Entegris	✓		
Environmental Defense Fund	✓		
Environmental Resources Mgmt.	✓		
EOG Resources, Inc.	✓	✓	✓
EP Energy	✓		
EPA Environmental Research and Business Support Program	✓		
Epic	✓	✓	
EpIX Analytics LLC	✓		
EQT Corporation	✓		✓
eScience Labs LLC	✓		
Esri	✓		
ESSMetron	✓		
EST, Inc.		✓	
Evrz Pueblo	✓		✓
Exponent	✓		✓
ExxonMobil	✓	✓	✓
ExxonMobil (Geosciences)	✓		

Company	JP	CD	OCR
Facebook	✓		
Fanatics	✓		✓
Fast Enterprises, LLC	✓	✓	✓
FCI Constructors Inc.		✓	
Federal Energy Regulatory Comm.	✓		
Fermi Nat'l Accelerator Laboratory	✓		
Ferrovia Agroman US Corp	✓		
Fidelity Investments	✓		
Finished Basement Company	✓		✓
Flatiron Construction		✓	
Flatiron Corporation	✓		
Flexco	✓		
Ford Audio Video	✓		
Forney Corporation	✓		
Foro Energy	✓		
Forsythe Technology, Inc.	✓		
Fort Lewis College	✓		
Four Corners Petroleum, LLC	✓		
FracGeo	✓	✓	
FractureID	✓		✓
Free Radical Ventures, LLC	✓		
Freeport-McMoRan	✓	✓	✓
Frito Lay Inc.		✓	
FTI Consulting	✓		
Galaxy i Technologies	✓		
Galloway & Company, Inc.		✓	
Gaming Laboratories International	✓		
Gardner Denver Water Jetting Sys.	✓		
Gates Corporation	✓		
GE Oil & Gas	✓		
GEI Consultants, Inc.		✓	
GENERAL ELECTRIC - GE	✓		
General Motors	✓		
Generation Teach	✓		
Genscape	✓	✓	
Geocal		✓	
GeoEngineers, Inc.	✓		
GeoStabilization International	✓	✓	
Gerald Metals, Inc.	✓		
Gerdau	✓	✓	✓
German Academic Exchange Svc.	✓		

Company	JP	CD	OCR
Gessner Engineering, LLC	✓		
Gestamp	✓		
GH Phipps		✓	✓
GHD Services, Inc.	✓		
GlobalFoundries	✓		
Glorieta Geoscience, Inc.	✓		
Gogo Business Aviation	✓	✓	
Golden Software, Inc.	✓		
Golden State Boring & Pipe Jacking	✓		
Goldman Sachs	✓		
Google, Inc.	✓	✓	✓
GPT Industries	✓	✓	
Gracon LLC		✓	
Gradient Energy Services	✓		
Grand Teton National Park	✓		
Granite Construction Inc.		✓	✓
Granite International (GE Power Services Affiliate)		✓	
Granite Services International, Inc.	✓		
Graybar Electric		✓	
Great Lakes Environmental & Infrastructure (Formerly Magnus Pacific)	✓		✓
Great Western Oil & Gas	✓		
Group14 Engineering		✓	
Gulfport Energy Corporation	✓		
Gustavson Associates, LLC	✓	✓	
Gusto	✓		✓
GutCheck	✓		
Guzman Energy, LLC	✓		
Halker Consulting LLC	✓		
Halliburton	✓	✓	✓
Hanes Geo Components	✓		
Harris Corporation	✓	✓	✓
Harris Kocher Smith	✓	✓	
Haskell		✓	
Haver & Boecker, USA	✓		
Hayward Baker, Inc.	✓		
HCDA Engineering, Inc.	✓		
HDR Engineering	✓		
Hecla Mining Company		✓	

Company	JP	CD	OCR
Heico Wire Group	✓		
Henkels & McCoy	✓	✓	
Hensel Phelps Construction Co.		✓	✓
Herbert Scoville Jr. Peace Fellowship	✓		
Hertz Corporation	✓		
Hess Corporation	✓	✓	✓
Heuer Labs	✓		
Hewlett Packard Enterprise		✓	
Hexagon Mining		✓	
Hilcorp, LLC	✓		✓
Hitachi Consulting	✓	✓	
Holland & Hart	✓	✓	✓
HollyFrontier	✓	✓	
HomeAdvisor	✓	✓	
Honeywell	✓		
HP	✓		
Hudson Legal Group	✓		
Hunt 4 Energy LLC	✓		✓
Hunt Oil Company	✓		
Hunter Douglas	✓		
Hunting Titan, Inc.	✓	✓	✓
Hydro Rocky Mountain	✓		
hydroGEOPHYSICS, Inc.	✓		
Ibotta	✓		✓
iCAST (International Center for Appropriate and Sustainable Technology)	✓		
iD Tech	✓	✓	
Idaho National Laboratory	✓		
igus, Inc.	✓		
IHS Inc.	✓		
IHS Markit		✓	
Illingworth & Rodkin, Inc.	✓		
Imerys	✓	✓	✓
IMI Precision Engineering		✓	
InDevR Inc.	✓		
Infrastructure Engineers, Inc.		✓	
Ingersoll Rand/Trane		✓	
Innovative Eng. Solutions (IES)	✓		
Insight Photonic Solutions Inc.	✓		

Company	JP	CD	OCR
Institute for Computational Engineering and Sciences	✓		
Institute for Defense Analyses	✓		
Institute for Telecommunications Sciences	✓		
Integrated Silicon Solutions, Inc.	✓		
IntelSecure	✓		
Intelligent Imaging Innovations	✓		
Intelligent Software Solutions	✓	✓	
Intentional Software	✓		
INTERA Incorporated		✓	
Interlake Mecalux	✓		
Interstate Highway Construction	✓		
Interwest Consulting Group	✓		
IntuiTap Medical, Inc.	✓		
IX Power Clean Water	✓		
J.R. Butler, Inc.		✓	
J.R. Simplot Company	✓		
Jacobs		✓	
Jalisco International, Inc.	✓		
Janus Capital Group	✓		
Jay Dee Contractors, Inc.	✓	✓	✓
Jeffco Public Schools	✓		
Jefferson County Government	✓		
Jeppesen	✓	✓	
JF Ahern Co.	✓		
JL Robotics	✓		
Johns Manville	✓	✓	
Jonah Energy	✓		
JoyGlobal, Inc.		✓	✓
JR Clark Enterprises		✓	
JR Engineering	✓		
JSW Steel	✓		✓
JT3 LLC	✓	✓	
juwi solar Inc.	✓		
K2 Audio	✓		
K2 Commodities, LLC	✓		
Kahuna Ventures LLC	✓	✓	
Kansas Department of Commerce/Kansas Works		✓	

Company	JP	CD	OCR
Kansas Dept. of Transportation		✓	✓
Karcher North America		✓	✓
Kaufman and Robinson Inc.	✓		
Kazmira, LLC	✓		
KBRwyle	✓		
Keane Group	✓	✓	✓
KECI Colorado, Inc.	✓		
Kenwal Steel	✓		
Kenzan		✓	
Kerkstra Precast, Inc.	✓		
KEYLOK	✓		
Keysight Technologies	✓		✓
KGHM - Robinson NV Mining Co	✓		
Kiewit Construction	✓	✓	✓
Kimley Horn and Associates, Inc.	✓	✓	✓
Kineticorp, LLC	✓		✓
Kleinfelder		✓	
Kleinschmidt Associates	✓		
Knife River Corporation - NW	✓	✓	
Knott Laboratory, LLC	✓		
Koverse, Inc.	✓		
KPMG LLP	✓		
Kraemer North America		✓	
LafargeHolcim	✓		
Lamp Rynearson	✓		
Latshaw Drilling	✓		
Lawrence Berkeley National Lab.	✓		
Lehigh Hanson		✓	✓
Leidos	✓		
Leitner-Poma of America, Inc.	✓		
Leppert Associates	✓		
Level 3 Communications	✓	✓	
Lexmark International		✓	
LGS Innovations	✓	✓	
Lhoist North America	✓	✓	
LINX	✓		
Lockheed Martin	✓	✓	✓
Lockheed Martin- Autonomous Systems	✓		✓
Logical Systems, LLC		✓	
LogRhythm		✓	
Los Alamos National Laboratory	✓	✓	

Company	JP	CD	OCR
Los Angeles County Dept. of Public Works	✓		
LSI -Logical Systems LLC.	✓		
LT Environmental, Inc.	✓		
LYNN Engineered Systems LLC	✓		
Ma Labs, Inc.	✓		
Macedon Technologies	✓		
Mad Science of Colorado	✓		
Magic Carpet Lifts, Inc.	✓		
Magnesita	✓		
Mainstream Engineering	✓		
Malisko Engineering, Inc.	✓		
Manhard Consulting	✓	✓	
Manson Construction Co.	✓	✓	
Mantucket Capital	✓		
Marcin Engineering	✓		
Market Force Information	✓		
Marquez Environmental Svcs., Inc.	✓		
Martin Marietta Materials	✓		✓
Martin/Martin, Inc.		✓	
Matador Resources	✓		✓
Mathnasium of Littleton	✓		
Matrix Design Group, Inc.	✓		
Matrix Technologies, Inc.		✓	
Maxterial. Inc.	✓	✓	✓
McKinsey & Company	✓	✓	
McKinstry	✓	✓	
MD MedTech, LLL	✓		
MDA Information Systems, LLC		✓	
MedKeeper		✓	
Mentor Graphics	✓		
MEP Engineering, Inc.	✓	✓	
Mercedes-Benz Vans	✓		
Meritage Midstream	✓	✓	✓
Merrick & Company		✓	
Mesa Laboratories	✓		
Metro Wastewater Reclam. Dist.	✓		
Michels Corporation	✓		
Michigan Paving & Materials	✓		
Micro Motion, Inc. / Emerson Process Management	✓		
Microsoft Corporation	✓		

Company	JP	CD	OCR
Mile High Youth Corps	✓		
MillerCoors	✓		
Milsoft Utility Solutions, Inc.	✓		
MISO Energy	✓		
Missile Defense Agency	✓	✓	
MiTek USA, Inc.	✓	✓	
Morgan Stanley	✓		
Morley Builders		✓	✓
Morrow Engineering		✓	✓
Mortenson Construction		✓	
Mott MacDonald	✓	✓	
Mount Sopris Instrument Company	✓		
Mountain Parks Electric, Inc.	✓		✓
Mu Sigma Inc.	✓		
Multivac	✓		
MWD Trading, LLC	✓		
MWH now part of Stantec	✓	✓	
MycoTechnology	✓		
N.A. Degerstrom	✓		
Nalco, an Ecolab Company	✓		✓
NASA Ames Research Center	✓		
NASA Goddard Space Flight Ctr.	✓		
NASA Johnson Space Center	✓		
NASA Kennedy Space Center	✓		
NASA Langley Research Center	✓		
NASDAQ OMX	✓		
National Ecological Observ. Net.	✓		
National Institute of Standards and Technology (NIST)	✓		
National Instruments	✓		✓
National Nuclear Security Administration (DOE-NNSA)		✓	
Nat'l Renewable Energy Lab. (NREL)	✓	✓	
National Security Technologies		✓	
Natural Soda		✓	
NCAR UCAR (National Center for Atmospheric Research)	✓	✓	
NCH Software	✓		
Nebraska Dept. of Natural Res.	✓		
Nestle Purina	✓		
NetApp	✓		

Company	JP	CD	OCR
New Century Software	✓		
New Sky Energy	✓		
Newfield Exploration	✓	✓	✓
Newmont International Services Limited	✓		
Newmont Mining	✓	✓	
Nexteer Automotive	✓		
Nextworld	✓	✓	✓
NGL Energy Partners LP	✓		
Niagara Bottling, LLC		✓	
NIST - Public Safety Comm. Research (PSCR)		✓	
NLMK PA	✓		
Noble Energy	✓	✓	✓
North American Coal Corporation	✓		
Northrop Grumman Corporation	✓	✓	
Northrop Grumman Mission Sys.	✓		
Northwestern Mutual - Downtown Denver	✓		
Northwestern Mutual - W. Denver		✓	
NOV Quality Tubing	✓		
Novartis Technical Operations		✓	
Novelis	✓		
Nucor Steel	✓	✓	✓
Nucor Vulcraft Group	✓		
Numerica Corporation	✓		
Nuvector		✓	
Nuventra Pharma Sciences	✓	✓	
nVoq Inc.	✓		
NW Natural Gas Storage	✓		
Nyrstar	✓		
Oak Ridge Institute for Science and Education (ORISE)	✓		
Oak Ridge National Laboratory	✓	✓	
Oasis Petroleum	✓	✓	✓
OBEC Consulting Engineers	✓		
Occidental Oil & Gas (Oxy)	✓	✓	✓
Oldcastle Precast	✓		✓
Olin Corporation		✓	
Olsson Associates	✓	✓	
One Earth Future	✓		
OneMap Mineral Partners LLC	✓		

Company	JP	CD	OCR
OppenheimerFunds		✓	
OPW/Civacon	✓		
Oracle America, Inc.	✓		
Oracle Corporation	✓		
ORAU	✓	✓	✓
Orbital ATK	✓	✓	✓
Orica USA, Inc.	✓	✓	✓
OrthoPets	✓		
OSIsoft	✓	✓	✓
Osypka Medtec Inc.	✓		
Otter Products	✓		
P&G (Procter & Gamble)	✓	✓	✓
Pacific Northwest Nat'l Lab.	✓		
Pacific Office Automation	✓		
Pala Investments Ltd.	✓		
Palo Verde Nuclear Generating Station - APS	✓	✓	
Paragon 28	✓	✓	
Parker Hannifin	✓		
Parsons	✓	✓	
Pathfinder Systems, Inc.	✓		✓
Pax8	✓		
PDC Energy	✓	✓	
Peabody Energy			✓
Peace Corps	✓	✓	✓
Pearl Harbor Naval Shipyard		✓	✓
Perfect Patch Asphalt Company	✓		
Perkins Coie LLP	✓		
Petrie Partners	✓		
Phase Change Software	✓		
Phillips & Jordan, Inc.		✓	✓
Phillips 66	✓	✓	✓
PhySep	✓		
Pie Consulting & Engineering	✓	✓	
Pigler Automation, LLC.	✓		
Pinnacle Consulting, Inc.	✓		
Pinyon Environmental Eng.	✓		
Pivot Industries Limited	✓		
Pivotal Software	✓	✓	
Planisware USA, Inc.	✓		
Platte River Power Authority	✓		

Company	JP	CD	OCR
Play-Well TEKologies	✓		✓
Polycom, Inc.	✓		
POSSIBLE Mobile		✓	
Poudre Valley REA	✓	✓	
POWER Engineers, Inc.		✓	✓
Pratt & Whitney	✓		
Precision Castparts Corp. (PCC)	✓		✓
Precision Water Res. Engineering	✓		
Principle Energy Services	✓		
ProCraft Mechanical	✓	✓	
Progressive Insurance	✓		
Promise Cyber School	✓		
PromonTech		✓	
PROTEM USA LLC	✓	✓	
Prototerra Partners	✓		
Prysmian Group	✓	✓	
Puget Sound Naval Shipyard		✓	✓
Purple Land Management	✓		
QEP Resources	✓	✓	✓
Quantum Water Consulting	✓		
Quest Integrity Group	✓		
Radix Metasystems		✓	
Range Resources Corporation		✓	
RARE Petro	✓	✓	✓
Raytheon Company	✓		
Rebound Technologies	✓		
Recondo Technology Inc.		✓	
Regional Transport. Dist. (RTD)	✓		
Regis University Graduate School			✓
Remedial Construction Svcs.	✓	✓	✓
Renewable Energy Services (RES)	✓	✓	
Reno James Engineering	✓		
RESPEC	✓		
Restruction Corporation		✓	
Return Path		✓	
Reynolds and Associates	✓		
RezStream	✓		
RG and Associates, LLC	✓		✓
Rhyolite Engineering Inc.		✓	
Ricoh USA, Inc.	✓	✓	✓
Ricondo & Associates, Inc.	✓		

Company	JP	CD	OCR
Right On Learning	✓		
Right Response, LLC.	✓		
Rincon Research Corporation		✓	
Rio Tinto	✓		
RJH Consultants, Inc.		✓	
RK Mechanical	✓		
Rock Hog Drilling Products	✓		
Rocky Mountain Bottle Company	✓		
Rocky Mountain Laboratories, Inc.	✓		
Rocky Mountain Nature Assoc.	✓		
Rocky Mountain Prestress		✓	
Rocky Mountain Scientific Lab.	✓		
Rover Petroleum, LLC	✓		
RSAE Labs	✓		
RSM US LLP	✓	✓	
RT Logic		✓	
Ryan Herco Flow Solutions	✓		
S&P Global Platts (Bentek Products)	✓	✓	✓
Sage Environmental Consulting	✓		
Salesforce		✓	
San Engineering	✓		
Sandia National Laboratories	✓		
SandRidge Energy, Inc.	✓		
Schlumberger	✓	✓	✓
SCI Engineering	✓		
Scot Forge Company	✓		
SCRAM Systems/Alcohol Monitoring Systems	✓		
SCS Engineers	✓		
Seagate Technology	✓	✓	
SEAKR Engineering, Inc.	✓	✓	
Segrity	✓		
Sempra US Gas & Power	✓	✓	✓
Sensei Online Tutor		✓	
Sensera Systems	✓		
Septodont	✓		
SGM, Inc.	✓	✓	
SGT - NASA Contractor	✓		
Shaffer Baucom Eng. & Consult.		✓	
Shannon & Wilson, Inc.	✓		
Shell	✓	✓	✓

Company	JP	CD	OCR
Shimmick Construction Co., Inc.		✓	✓
Sierra Nevada AmeriCorps Part.	✓		
Sierra Nevada Corporation	✓	✓	✓
Silicon STEM Academy	✓		
Silver Bullet Water Treatment	✓		
Simpson Gumpertz & Heger Inc.	✓		
Skanska	✓		✓
SLAC National Accelerator Lab.	✓		
Slawson Companies	✓		
SM Energy	✓	✓	✓
Smart Sand	✓		
Snelson Companies	✓		
Solar Turbines		✓	✓
Solute, Inc.	✓		
Solvay Chemicals		✓	✓
SomaLogic	✓		
Southwestern Energy	✓	✓	
sovrn Holdings	✓		
Space and Naval Warfare Systems Center Pacific (SSC PAC)	✓		
Space Environment Satellite Services, Univ. of CO CIR	✓		
SpaceX	✓		✓
Spatial Corp.		✓	
Special Aerospace Services, LLC	✓		
Special Metals Corporation	✓		
Specialty Granules Inc.	✓		
Spectra Logic		✓	
SpectraLink Corporation	✓		
Spectranetics	✓	✓	
Spectrum Aquatics	✓		
Spinfusion	✓		
Spirit Environmental LLC	✓		✓
SpotX	✓	✓	
SROriginals	✓		
SSAB	✓		
SSP Innovations, LLC	✓	✓	
Stan Miller, Inc.	✓		
Stanley Consultants, Inc.	✓	✓	✓
State of California	✓		
Stateless, Inc.	✓		

Company	JP	CD	OCR
Steel Dynamics, Inc.	✓	✓	
Steel Dynamics, Iron Dynam. Div.	✓		
Stillwater Mining Company		✓	✓
STRIVE Preparatory Schools		✓	
Structural Group		✓	
Structural Integrity Associates	✓		
Summit Materials	✓	✓	✓
Summit Midstream	✓	✓	
Sundt Construction, Inc.	✓	✓	✓
Swanson Rink	✓		
Swisslog	✓		
Synconess	✓		
SynEnergy	✓		
SynTech Bioenergy LLC	✓		
Tallgrass Energy Partners	✓		
Tamaki Control	✓		
Tap Rock Resources	✓		
Target	✓		
TASC, An Engility Company	✓		
Tata Chemicals Soda Ash Partners	✓		
Teach For America	✓	✓	✓
Teach Kentucky	✓		
Teacher Education Alliance - Mines-UNC Partnership	✓		
TEKsystems	✓		
TeleTech	✓		
Tendril, Inc.		✓	
Tensar International	✓		
Terra Constructors, Inc.	✓		
Terracon Consulting, LLC.		✓	
Tersus Solutions	✓		
Tesla Motors	✓		
Tesoro Companies, Inc.	✓	✓	✓
Tetra Tech, Inc.	✓		
Texas Instruments	✓	✓	✓
TG Labs	✓		
The AWR Group of Nat'l Instruments	✓		
The Center for Professional Develop.	✓		
The Electrum Group LLC	✓		✓
The Lane Construction Corp.	✓		
The Pennsylvania State Univ.	✓		

Company	JP	CD	OCR
The Princeton Review Korea	✓		
The Rapidan Group	✓		
The Regis Company	✓	✓	
The RMH Group		✓	
The Trust for Public Land	✓		
The White House	✓		
ThyssenKrupp	✓	✓	
Tierra Group International	✓	✓	
TimkenSteel		✓	✓
Tinker Air Force Base Civilian Employment		✓	
TLH, PE, LLC	✓		
Tomra Sorting Solutions	✓		✓
Tower Electric Inc.	✓		
Tower Engineering Professionals	✓		
Trans Pacific Oil	✓		
Trapper Mining Inc.	✓		
Travelers	✓		
Travelport LP	✓		
Traylor Bros., Inc.	✓	✓	✓
Trelleborg Sealing Solutions		✓	
Trihydro Corporation	✓		
Trimble Navigation	✓	✓	
Tri-Mer Corporation	✓		
Tri-State Generation and Transmission Assn., Inc.	✓	✓	
Tronox Alkali	✓		
TruStile Doors	✓		
Tudor, Pickering, Holt & Co., LLC	✓		✓
Turner & Townsend, Inc.		✓	
Turner Construction Company		✓	✓
Turnkey Processing Solutions	✓		
Tutor.com	✓		
Twitter	✓		
Tyler Technologies	✓	✓	
U.S. Air Force	✓		
U.S. Army	✓		✓
U.S. Army Active Reserves		✓	
U.S. Army Aeromed. Research Lab.	✓		
U.S. Army Corps of Engineers	✓		

Company	JP	CD	OCR
U.S. Army Corps of Engineers, Omaha District		✓	
U.S. Army Engineer R&D Ctr.		✓	
U.S. Army Medical Recruiting	✓		✓
U.S. Department of Energy (DOE)	✓	✓	
U.S. Department of Interior-Bureau of Reclamation	✓		
U.S. Environmental Protection Agency (EPA)	✓		
U.S. Fish and Wildlife Service	✓		
U.S. Geological Survey (USGS)	✓	✓	
U.S. Geological Survey - National Water Quality Laboratory	✓		
U.S. Geological Survey; National Geospatial Tech. Ops. Ctr.	✓		
U.S. Marine Corp. Officer Program	✓	✓	✓
U.S. Navy	✓	✓	✓
U.S. Public Health Service (USPHS)	✓		
U.S. Steel Corporation (USS)	✓		
Uber Technologies	✓		
UBS Financial Services Inc.	✓		
Ulteig	✓	✓	
Unicircuit, Inc.	✓		
Unimin Corporation	✓		
Union Pacific	✓		
United Launch Alliance	✓		
Universal Achievement Tutoring and Coaching	✓		
Universal Stainless & Alloy Prod.	✓		
University of CO S. S. of Pharmacy			✓
University of CO Hospital	✓		
University of CO Law School		✓	✓
University of Oregon	✓		✓
University of Southern California			✓
University of Washington, College of the Environment	✓		
Update International Inc.	✓		
Urban Drainage and Flood Control District	✓		
US DOI, Bureau of Land Mgmt.	✓		
USC Viterbi School of Engineering	✓		
USDA Forest Service	✓	✓	

Company	JP	CD	OCR
Utah Gas Corporation	✓		✓
Vail Valley Foundation	✓		
Vaisala, Inc.	✓		
Valero Energy Corporation	✓		
Vanderbilt Institute of Nanoscale Science and Engineering (VINSE)	✓		
Vanderbilt University		✓	
Varex Imaging Corporation	✓		
Vartega Carbon Fiber Recycling	✓		
Veolia Nuclear Solutions		✓	
Verizon	✓		
Vermeer Corporation	✓	✓	✓
Vesuvius USA		✓	
ViaSat, Inc.	✓	✓	✓
Viega	✓		
Vista GeoSciences LLC	✓		✓
Volkswagen Group of America	✓		
VSL	✓		
VSolvit	✓		
Vulcan Materials Company		✓	✓
W. W. Wheeler and Associates		✓	
Wadsworth Control Systems	✓		
Wagstaff, Inc.	✓		
Wakely Consulting Group	✓		
Ward Petroleum Corporation		✓	
Ware Malcomb	✓	✓	
Washington River Protection Solutions		✓	
Washington State Department of Ecology	✓		
Washington State Department of Transportation	✓		
Waste to Energy Partners, LLC	✓		
Weatherford International	✓		
Webber Construction		✓	
Weber Metals, Inc.			✓
Webroot		✓	
Well Data Labs	✓		
Wells Fargo Bank, N.A.	✓		
Wellsite Services Inc.	✓		
Welltok		✓	

Company	JP	CD	OCR
West Pharmaceutical Services	✓		
Western Industrial Contractors	✓		
Western Interstate Energy Board	✓		
Western Land Services	✓		
Western States Fire Protection	✓	✓	
Western Sugar Cooperative		✓	
Western Union	✓		
WesTest	✓		
Westmoreland Coal Company		✓	✓
Whiting Petroleum Corporation	✓		
Williams Companies	✓	✓	✓
Winn-Marion	✓		
Wiss, Janney, Elstner Associates		✓	
WKE, Inc.	✓		
Wolf Robotics, A Lincoln Electric Company		✓	
Woodridge Software	✓	✓	
Woodward, Inc.	✓		
Woot Math	✓		
Workday	✓	✓	✓
WPX Energy	✓	✓	✓
WSP Parsons Brinkerhoff, USA	✓	✓	✓
Wunderlich-Malec	✓	✓	
Xcel Energy	✓	✓	✓
Xelay Acumen	✓		
Xenex	✓		
XTO Energy	✓	✓	✓
Yenter Companies Inc.	✓		
Zachry Construction Corporation		✓	
ZAP Engineering	✓	✓	
Zayo	✓	✓	
Zen Planner		✓	
Zimmer Biomet	✓		
Zion Engineering, LLC	✓	✓	✓
ZipFlyer, LLC.	✓		
Zoll	✓		



CAREER CENTER

COLORADO STATE UNIVERSITY MINES

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This chapter of the Colorado School of Mines Career Center Annual Report includes outcome details for the university's three colleges, including the academic departments listed below.

College of Applied Science & Engineering

Chemical and Biological Engineering

Chemistry and Geochemistry

Metallurgical and Materials Engineering

Physics

College of Engineering & Computational Sciences

Applied Mathematics and Statistics

Civil and Environmental Engineering

Computer Science

Electrical Engineering

Mechanical Engineering

College of Earth Resource Sciences & Engineering

Economics and Business

Geology and Geological Engineering

Geophysics

Liberal Arts and International Studies

Mining Engineering

Petroleum Engineering

Interdisciplinary Degree Programs

Geochemistry

Hydrology

Materials Science

Nuclear Science & Engineering

Operations Research

Underground Construction & Tunneling



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This chapter of the Colorado School of Mines Career Center Annual Report includes outcome details for the College of Applied Science and Engineering (CASE), and contains detailed information on outcomes for the academic departments listed below.

Chemical and Biological Engineering

Chemistry and Geochemistry

Metallurgical and Materials Engineering

Physics



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Chemical & Biological Engineering Department Report

2016 -2017 Career Center Annual Report

The Chemical & Biological Engineering Department Report for 2016-2017 includes 1) summary data, 2) outcomes and salary perspectives, and 3) internship and full-time hiring information, for the following majors: Chemical & Biochemical Engineering (CB), Chemical Engineering (CR).

Chemical Engineering and Chemical & Biochemical Engineering Summary Data

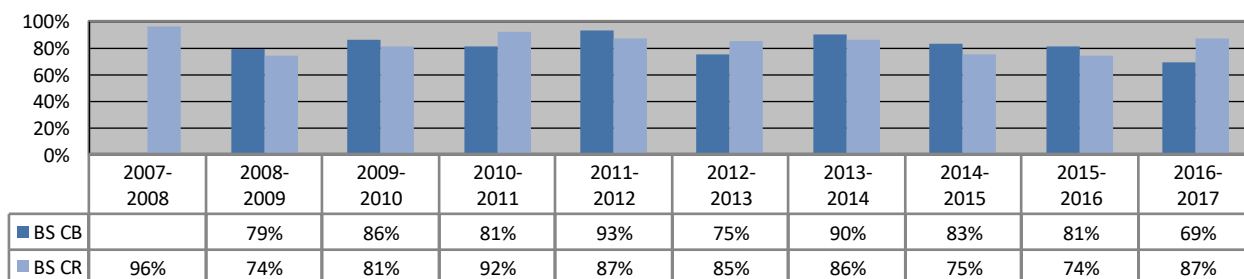
	# Grads	Industry	Mil	Grad Sch	Intern'l	Not Looking	Outcomes %	Seeking	Average Salary Offer
BS - CB	61	26	0	11	1	4	69%	19	\$66,865
BS – CR	85	49	0	21	2	2	87%	11	\$69,478
MS – CR	12	6	0	2	2	1	92%	1	N/A
PhD – CR	5	2	0	0	2	0	80%	1	N/A

*N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

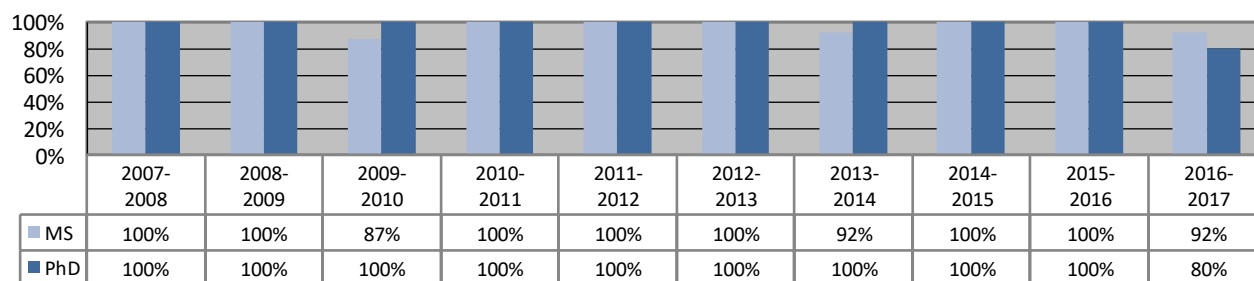
Detailed Break-down	Positions Accepted—Industry/Government Summary												Graduate School	
	Aero-space	Utilities	BioEng Medical	Chemicals	Consult/Construct	Gov't	Oil/Gas	IT/Elec	Mfg.	Mining	Academia/Research	Other	CSM	Other
BS— CB	2	0	5	1	3	3	2	4	4	2	0	0	2	9
BS – CR	3	2	1	5	6	3	3	9	9	6	0	2	11	10
MS – CR	0	0	0	0	0	0	0	1	5	0	0	0	1	1
PhD – CR	0	0	0	0	0	0	0	1	1	0	0	0	0	0

Chemical & Biological Engineering Department Outcomes Perspective

Chemical & Biochemical Engineering BS Graduates 10-year Outcomes Perspective

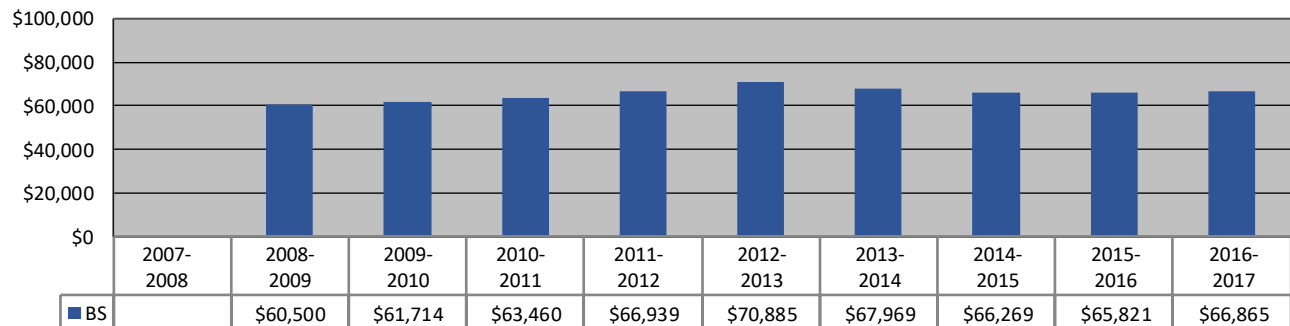


Chemical Engineering MS & PhD Graduates 10-year Outcomes Perspective

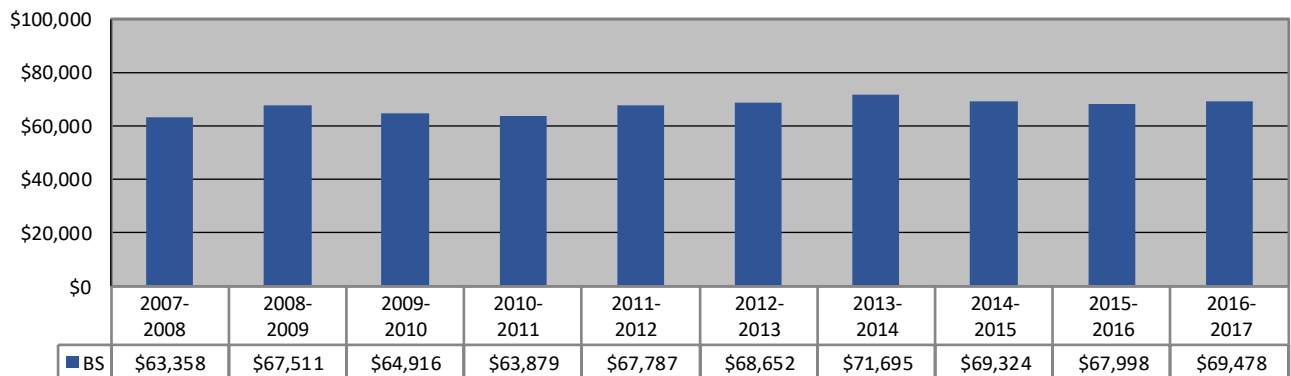


Chemical & Biological Engineering Department Salary Perspective

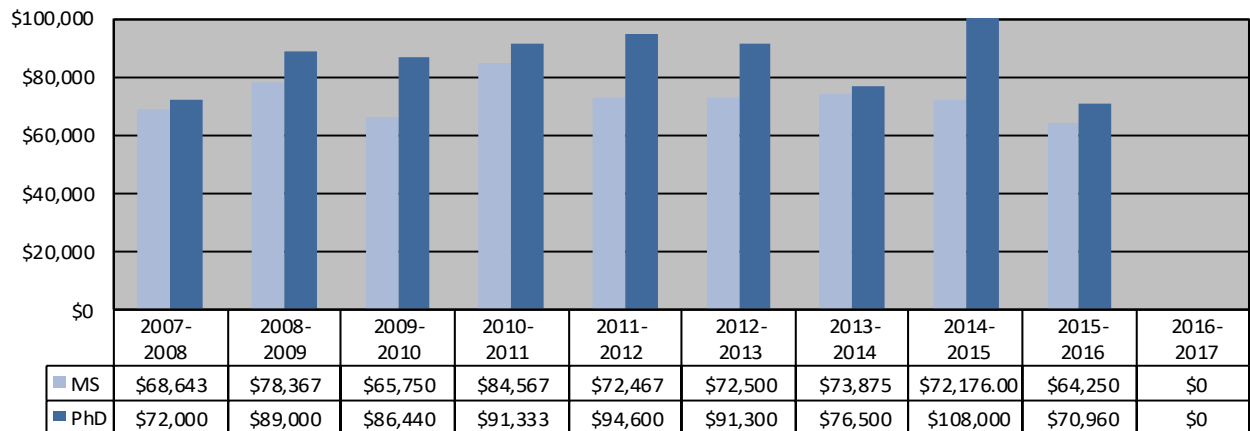
Chemical and Biochemical Engineering BS Graduates 10-year Salary Perspective



Chemical Engineering BS Graduates 10-year Salary Perspective



Chemical Engineering MS & PhD Graduates 10-year Salary Perspective



Internships for Chemical Engineering Department Students

The 2016—2017 graduates in this department reported completing internships with the following organizations while at Mines.

ADA-ES	Engineering Concepts Inc.	Paterson and Cooke
AgriBeef	ExxonMobil	Phillips 66
AlloSource	Forest Oil	PPG Aerospace
Anadarko Petroleum	Freeport-McMoRan	Procter & Gamble (P&G)
Anchorage Water & Wastewater	Geosynfuels	R&M Consultants
Anheuser-Busch	GT Advanced Technologies	Sandia National Laboratories
ArcherDx	GTC Technology	Sandoz
Arizona Heart Specialists	Hazen Research, Inc.	Seagate Technology
BASF The Chemical Company	Hunter Douglas	Source Gas
Bayer Healthcare	IX Power Clean Water	Syracuse Biomaterials Institute
BHP Billiton Petroleum	Johns Manville	TDA Research
BP	JustRight Surgical	Texas Instruments
Carigali Hess Operating	L J A Engineering	The Dow Chemical Company
Chevron Phillips Chemical	Leprino Foods	The Williams Companies, Inc.
Clarke-Rajchel Engineering	Lexmark, Inc	Thomson Reuters
CME America	Lhoist North America	Tolmar Inc.
Colorado School of Mines REU	LJA Engineering	Tri-State Generation and Transmission
Constien and Associates	Logic Energy Solutions	U.S. Department of Education
Continental Resources	Merichem	Unicircuit Inc.
Coorstek	MillerCoors	University of Colorado Anschutz
Cornerstone Environmental Group	Nanostructured Metals Research	University of Colorado Boulder REU
CSL Behring	National Inst. Standards & Tech.	Utility Services of Alaska
CSM Center for Hydrate Research	National Renewable Energy (NREL)	Washington River Protection Solutions
CSM Colorado Fuel Cell Center	New England Peptide	Whiting petroleum
CSM REMRSEC REU	Occidental Petroleum	Wild Flavors
CSM Undergraduate Fellowship	Orbital ATK	Xcel Energy
Dohmen Life Science Services	Outlast Technologies	XTO Energy

All Internship Opportunities for Chemical Engineering Department Students

Companies who posted internship opportunities in DiggerNet during current reporting year.

AC Golden	HollyFrontier Corporation	Rio Tinto
Allegion	Idaho National Laboratory	Sandia National Laboratories
Aquionix	IMERYS	Schlumberger
ARCOM Capital LLC	Institute for Computational Engineering and Sciences	Seagate
AstraZeneca Pharmaceuticals		Septodont
ATI Specialty Alloys & Components	J.R. Simplot Company	Shell
Baker Hughes	Johns Manville	Silver Bullet Water Treatment
Ball Aerospace & Technologies	Jonah Energy	SomaLogic
BHP Billiton Petroleum Americas	Kazmira, LLC	SpaceX
Black Hills Corporation	Leppert Associates	Spectranetics Corporation
BP	Lhoist North America, Inc.	Steel Dynamics
Calpine Corporation	Metro Wastewater Reclamation	Summit Materials
Carollo Engineering	MillerCoors	TEAM - Mines-UNC Partnership
CH2M	Mycotechnology	Tersus Solutions
Chesapeake Energy Corporation	NASA Ames Research Center	Tesla Motors
Chevron Corporation	NASA Goddard Space Flight Ctr.	Tesoro Companies, Inc.
Chevron Phillips Chemical Company	NASA Johnson Space Center	Texas Instruments
Cochlear Americas	NASA Kennedy Space Center	TG Labs
Colorado Dept. of Transportation	NASA Langley Research Center	Tri-State Generation and Transmission
Colorado Springs Utilities	National Inst. Standards & Tech.	U.S. Army Medical Recruiting
ConocoPhillips	Nestle Purina	U.S. Public Health Service (USPHS)
Crescent Point Energy	New Sky Energy	Unicircuit
Denver District FDA	Newmont Mining Corporation	University of Oregon
Dohmen Life Science Services	Nuventra Pharma Sciences	University of Washington
Eagle River Water and Sanitation	ORISE	USC Viterbi School of Engineering
Encana Oil & Gas (USA) Inc.	Oasis Petroleum	Vartega Carbon Fiber Recycling
ExxonMobil (Engineering)	ORAU	Vermeer Corporation
Freeport McMoRan	OrthoPets	Whiting Petroleum Corporation
German Academic Exchange Service (DAAD)	OSisoft, LLC	Williams Companies
GHD Services	P&G (Procter & Gamble)	Zimmer Biomet
Gulfport Energy Corporation	Pigler Automation	Zion Engineering, LLC
	Rebound Technologies	

Hiring Companies for Chemical and Biological Engineering Department Students

The 2016 -2017 graduates in this department reported accepting jobs with the following organizations after graduation.

Accepted Positions by Chemical and Biochemical Engineering BS Graduates

Organization	Industry	Organization	Industry
ArcherDx	BioEng Medical	KBI Biopharma	BioEng Medical
AstraZeneca	BioEng Medical	Leprino Foods	Manufacturing
Centurion Pipeline	Oil & Gas	Los Alamos National Lab	Government Research
Chevron Phillips Chemical	IT -Elect. Telecom	NREL	Government Research
Dohmen Life Science Svcs.	BioEng Medical	Orbital ATK	Aero - Defense
Dow Chemical Company	Chemicals	Puget Sound Naval Shipyard	Government Defense
Epic	IT -Elect. Telecom	Sempra Energy	Oil & Gas
Halker Consulting	Consult - Construct	Shire Manufacturing	BioEng Medical
Halliburton Mining (2)	Mining	SpaceX	Aero - Defense
HP	IT -Elect. Telecom	Spirit Environmental	Consult - Construct
J.R. Simplot	Manufacturing	Unicircuit	IT -Elect. Telecom
Jacobs Engineering	Consult - Construct	Western Sugar Cooperative	Manufacturing
Kazmira LLC	Manufacturing		

Accepted Positions by Chemical Engineering BS Graduates

Organization	Industry	Organization	Industry
Applied Control	Consult - Construct	Lockheed Martin	Aero - Defense
ArcelorMittal	Manufacturing	LSI - Logical Systems Inc.	IT -Elect. Telecom
BHP Billiton	Oil & Gas	NREL	Government Research
C & J Energy	Oil & Gas	Olin	Chemicals
Chevron Phillips Chemical	Chemical	Orbital ATK (2)	Aero - Defense
Clarke-Rajchel Eng. (2)	Consult - Construct	P&G	Manufacturing
CME America	BioEng Medical	Peace Corps	Other—Non-Profit
Dow Chemical Company (2)	Chemicals	PhET Simulations	Manufacturing
Enxio	Utilities	Phillips 66	Oil & Gas
EPIC Systems (3)	IT -Elect. Telecom	Puget Sound Naval Shipyard (2)	Government Defense
FENIX.AI	IT -Elect. Telecom	Seagate Technology	IT -Elect. Telecom
Freeport McMoRan (3)	Mining	Skanska	Manufacturing
Halker Consulting	Consult - Construct	Texas Instruments	IT -Elect. Telecom
Hexion	Chemicals	Tri-Mer Corporation	Manufacturing
Hitachi	IT -Elect. Telecom	TTM Technologies	Manufacturing
Imerys (2)	Mining	Western Sugar Coop (3)	Manufacturing
JSP	IT -Elect. Telecom	Wunderlich Malec (2)	Consult - Construct
Learn By Doing	Other	Xcel Energy	Utilities
Lhoist	Mining		

Accepted Positions by Chemical Engineering MS/PhD Graduates

Organization	Industry	Organization	Industry
Applied Control	Manufacturing	Synthio Chemicals	Manufacturing
Intel (2)	IT—Electronics	TDA Research (2)	Manufacturing
Micron Technology	Manufacturing	Tidal Vision	Manufacturing



CAREER CENTER

COLORADO STATE UNIVERSITY MINES

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Chemistry & Geochemistry Department Report

2016 – 2017 Career Center Annual Report

The Chemistry & Geochemistry Department Report for 2016-2017 includes: 1) summary data, 2) outcomes and salary perspectives, and 3) internship and full-time hiring information for the following majors: Chemistry (CH) and Geochemistry (GC).

Chemistry & Geochemistry Summary Data

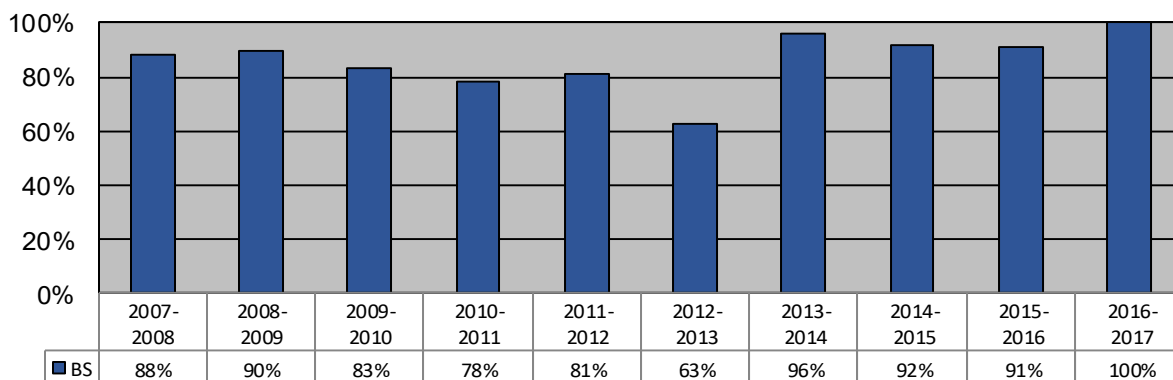
	# Grads	Industry	Military	Grad Sch	Intern'l	Not Looking	Outcomes %	Seeking	Average Salary Offer
BS - CH	18	7	1	6	0	4	100%	0	\$41,667
MS - CH	1	0	0	1	0	0	100%	0	N/A
MS—GC	0	0	0	0	0	0	N/A	0	N/A
PhD - CH	7	7	0	0	0	0	100%	0	\$39,500
PhD - GC	1	1	0	0	0	0	100%	0	N/A

* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

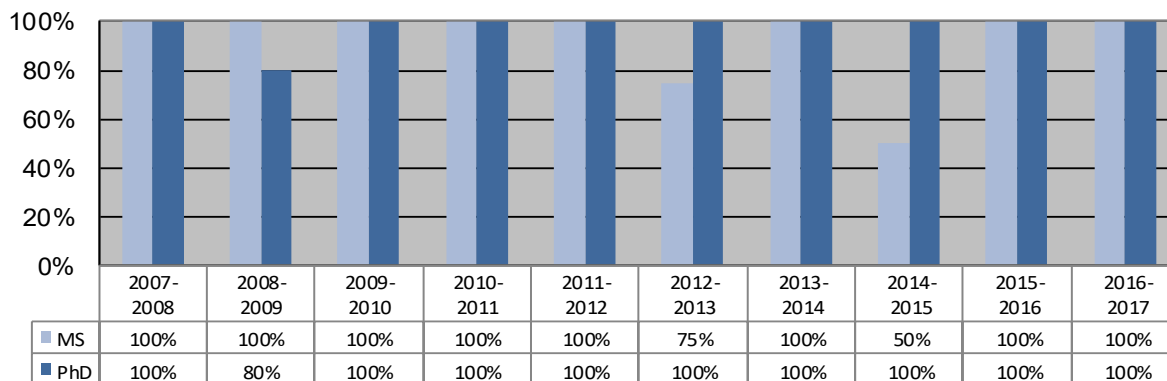
Detailed Breakdown	Positions Accepted—Industry / Government Summary								Graduate School	
	Bioeng	Mfg.	Mining	IT / Electronics	Consulting	Gov't	Educ. - Academia	Other	CSM	Other
BS - CH	4	0	0	0	0	0	1	2	2	4
MS - CH	0	0	0	0	0	0	0	0	0	1
MS - GC	0	0	0	0	0	0	0	0	0	0
PhD - CH	0	1	0	0	0	1	5	0	0	0
PhD - GC	0	0	0	0	0	0	1	0	0	0

Chemistry & Geochemistry Department Outcomes Perspective

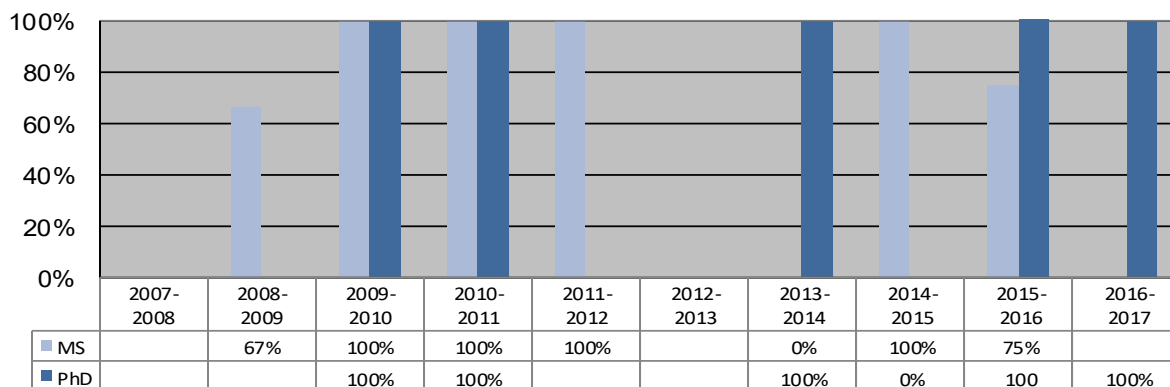
Chemistry BS Graduates 10-year Outcomes Perspective



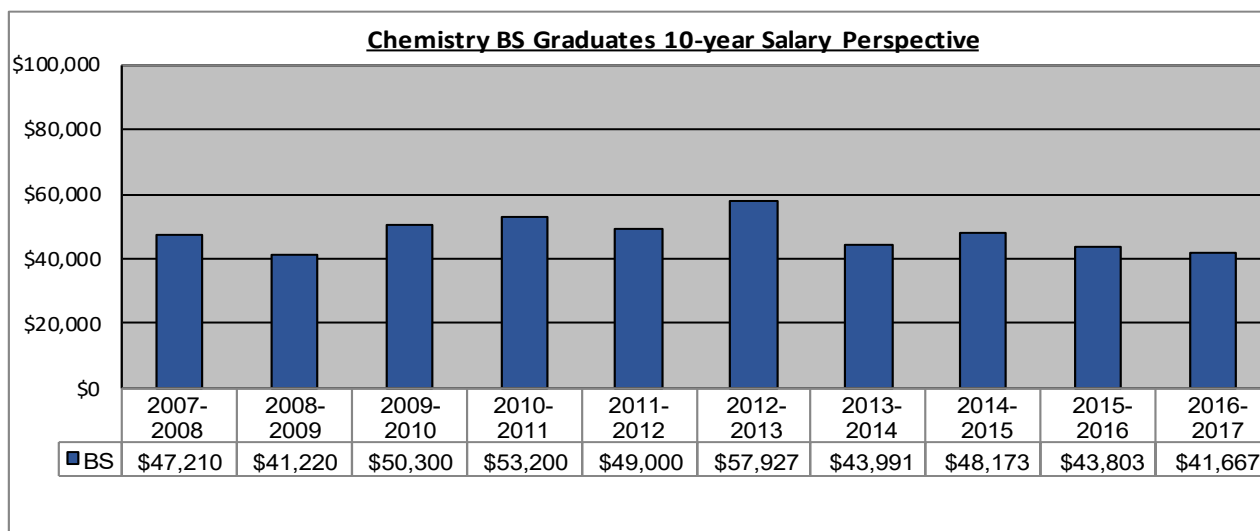
Chemistry MS & PhD Graduates 10-year Outcomes Perspective



Geochemistry MS & PhD Graduates 10-year Outcomes Perspective



Chemistry & Geochemistry Department Salary Perspective



There is not enough historical salary data to be reliable for MS and PhD graduates; therefore a graph is not provided.

Internships for Chemistry & Geochemistry Department Students

The 2016 -2017 graduates in this department reported completing internships with the following organizations while at Mines,

Arapahoe County Coroner	Oak Ridge National Lab	University of Colorado Anschutz
Colorado School Of Mines REU	STRATA Geotech	School of Medicine
LabCorp	U.S. Borax	Univ. of New Mexico Center for
New Sky Energy	United States Geological Survey	Micro-engineering Materials

All Internship Opportunities for Chemistry & Geochemistry Engineering Department Students

Companies who posted internship opportunities in DiggerNet during current reporting year.

Aquionix	Institute for Computational Engineering and Sciences	Rio Tinto
ARCOM Capital LLC	Institute for Defense Analyses	Rock Hog Drilling Products
AstraZeneca Pharmaceuticals	Leppert Associates	Sandia National Laboratories
ATI Specialty Alloys & Components	Lhoist North America, Inc.	Septodont
BHP Billiton Petroleum Americas	MillerCoors	Shell
Chevron Corporation	NASA Ames Research Center	Silver Bullet Water Treatment
Cochlear Americas	NASA Goddard Space Flight Ctr.	SomaLogic
Denver District FDA	NASA Johnson Space Center	Summit Materials
Eagle River Water and Sanitation	NASA Kennedy Space Center	TEAM - Mines-UNC Partnership
Freeport McMoRan	NASA Langley Research Center	Tersus Solutions
German Academic Exchange	NIST	Tesla Motors
GHD Services, Inc	NCAR/UCAR	TG Labs
Gulfport Energy Corporation	New Sky Energy	U.S. Army Medical Recruiting
Halker Consulting LLC	Newmont Mining Corporation	U.S. Public Health Service
Halliburton	Nuventra Pharma Sciences	United Launch Alliance
Honeywell	ORISE	University of Oregon
Idaho National Laboratory	ORAU	University of Washington
IMERYS	Pathfinder Systems	Vartega Carbon Fiber Recycling

Hiring Companies for Chemistry and Geochemistry Students

The 2016 -2017 graduates in this department reported accepting jobs with the following organizations after graduation.

Accepted Positions by Chemistry BS Graduates			
Organization	Industry	Organization	Industry
Colorado State University	Educ. – Academia	National Concessions Grp	Other - Events
Elion Labs	BioEng Medical	Peace Corps	Other—Non-Profit
Good Chemistry	BioEng Medical	Ventria Bioscience	BioEng Medical
Intelligent Imaging Innov.	BioEng Medical		

Accepted Positions by Chemistry & Geochemistry MS/PhD Graduates			
Organization	Industry	Organization	Industry
College of Idaho	Educ – Academia	PPG Industries	Manufacturing
Colorado School of Mines (4)	Educ – Academia	Red Rocks C.C.	Educ. – Academia
Pacific Northwest National Lab	Government Research	University of South Carolina	Educ. - Academia



CAREER CENTER

COLORADO STATE MINES

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Metallurgical & Materials Engineering Department Report

2016 - 2017 Career Center Annual Report

The Metallurgical & Materials Engineering Department Report for 2016-2017 includes 1) summary data, 2) outcomes and salary perspectives, and 3) internship and full-time hiring information, for the following majors: Metallurgical and Materials Engineering (MT), and Materials Science (ML).

Metallurgical Engineering & Materials Science Summary Data

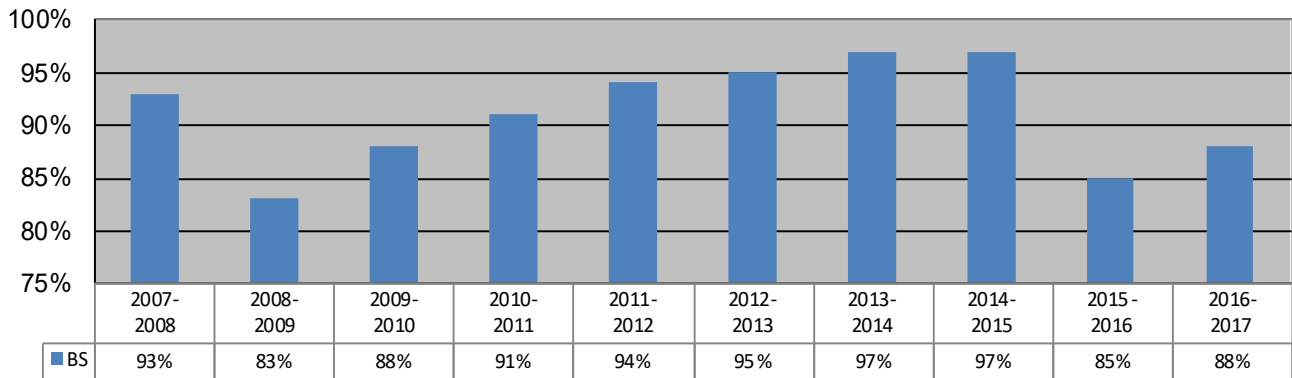
	# Grads	Industry	Military	Grad Sch	Intern'l	Not Looking	Outcomes %	Seeking	Average Salary Offer
BS – MT	57	33	1	15	0	1	88%	7	\$61,510
MS – MT	12	6	0	4	1	0	92%	1	\$66,667
PhD – MT	9	9	0	0	0	0	100%	0	\$71,409
MS – ML	5	4	0	1	0	0	100%	0	N/A
PhD – ML	7	5	0	0	2	0	100%	0	N/A

* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Detailed Breakdown	Positions Accepted—Industry/Government Summary											Graduate School	
	Aero / Defense	Alt. Energy	Auto	Bioeng Medical	Consult / Construct	IT / Elect.	Mfg.	Mining	Oil & Gas	Gov't.	Acad.-Research	CSM	Other
BS – MT	6	0	0	2	3	3	13	5	1	0	0	10	5
MS – MT	0	0	0	0	1	0	4	1	0	0	0	3	1
PhD – MT	0	0	1	0	2	0	1	0	0	3	2	0	0
MS – ML	0	1	0	0	0	0	2	0	0	1	0	0	0
PhD – ML	0	1	1	0	0	0	1	0	0	0	2	0	0

Metallurgical & Materials Engineering Department Outcomes Perspective

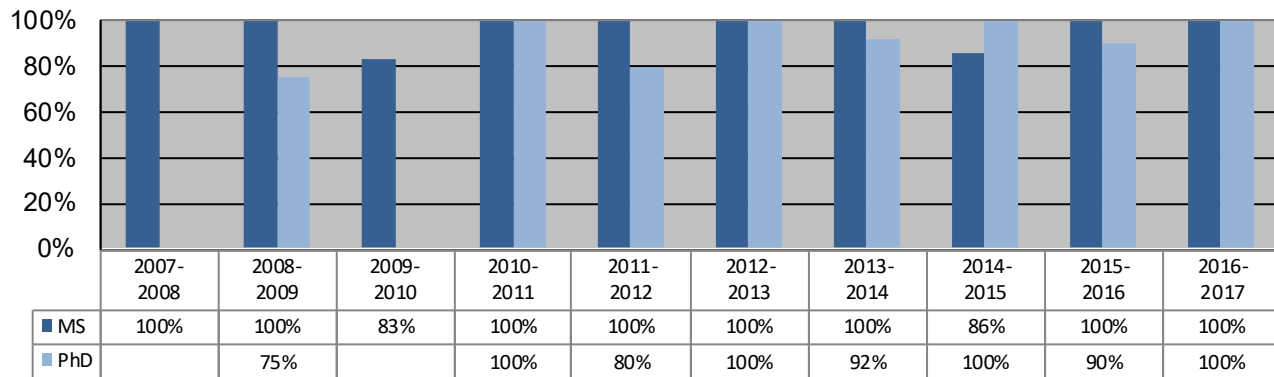
Metallurgical & Materials Engineering BS Graduates 10-year Outcomes Perspective

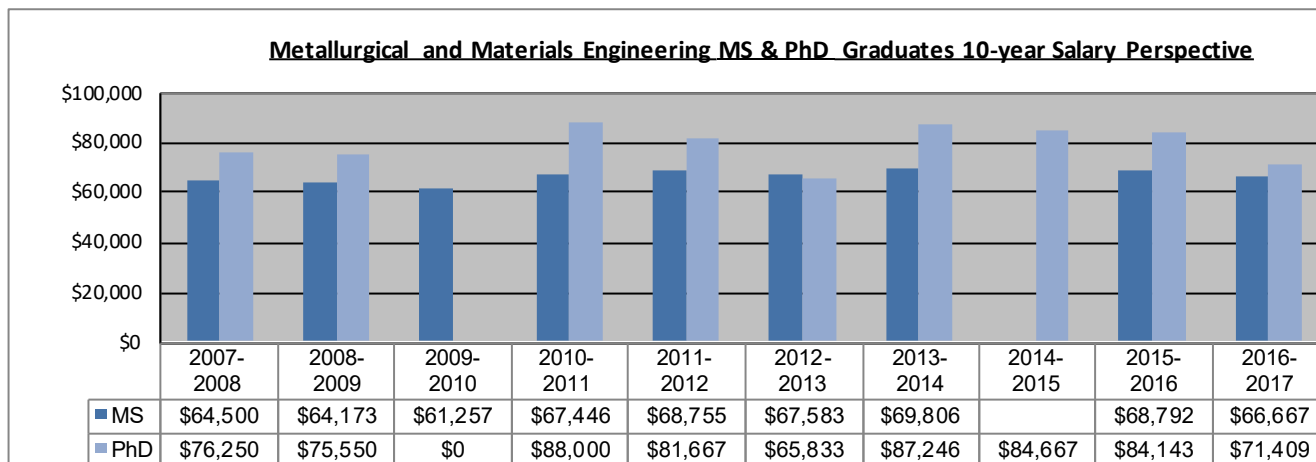
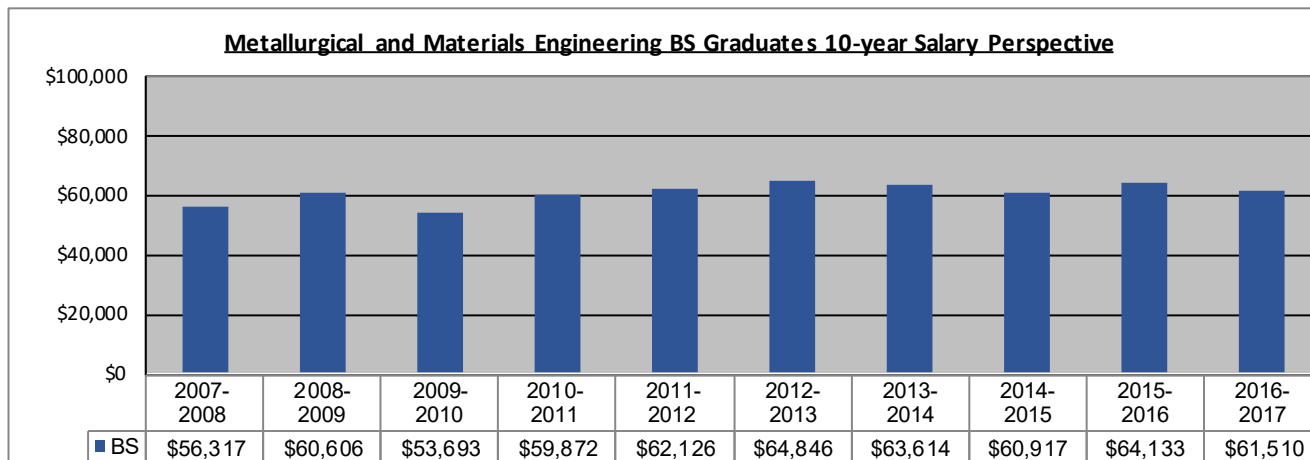


Metallurgical & Materials Engineering MS & PhD Graduates 10-year Outcomes Perspective



Materials Science MS & PhD Graduates 10-year Outcomes Perspective



Metallurgical & Materials Engineering Department Salary Perspective


Internships for Department of Metallurgical & Materials Engineering Students

The 2016 -2017 graduates in this department reported completing internships with the following organizations while at Mines.

Applied Process	Forge Nano	Newmont Mining Corporation
ArcelorMittal	Freeport McMoRan	Nucor Steel
Arconic	Gates Corp.	Oak Ridge National Lab
Aventura Inc.	Gerdau	Orbital ATK
Ball Aerospace	Gordon Composites	Oregon Health & Sciences University
Bekaert	Halliburton	Precision Castparts Corporation
Candela Systems Corporation	Harvard University Engineering and Applied Sciences	Rawlings Sporting Goods
CANSFA, NSF REU		Reinhard Elemental Scientific
Captiva Energy	Hazen Research, Inc.	Rex Medical
Chevron	Honeywell Aerospace	RioTinto
Colorado School of Mines Kroll Inst.	Idaho National Laboratory	Sandia National Laboratory
Colorado School of Mines REU	IX Power Clean Water	Seagate Technology
Coorstek	Kinross Gold	Sinter Print
Danko Arlington	Lone Star Heating	Special Metals Corp.
Dow Chemical	Los Alamos National Laboratory	Stillwater Mining Company
EndoShape	Medtronic Inc.	Valero Refining
Entegris	Michigan Tech University	Walker Forge
Exova-Houston	National Inst. Standards & Tech.	Western Forge
ExxonMobil	National Renewable Energy Lab	Wolf Robotics

All Internship Opportunities for Department of Metallurgical & Materials Engineering Students

Companies who posted internship opportunities in DiggerNet during current reporting year.

A. O. Smith Corporation	Institute for Defense - Analyses	Rock Hog Drilling Products
Alight	J.R. Simplot Company	Rocky Mountain Laboratories
American Bureau of Shipping	Lhoist North America	Sandia National Laboratories
ArcelorMittal	Micro Motion	Scot Forge Company
Baker Hughes	MillerCoors	Shell
Build Change	NASA Ames Research Center	SpaceX
California Steel Industries	NASA Goddard Space Flight Ctr.	Special Metals Corporation
CH2M	NASA Johnson Space Center	Steel Dynamics
Chevron Corporation	NASA Kennedy Space Center	Swisslog
Colorado Dept. Of Transportation	NASA Langley Research Center	TEAM - Mines-UNC Partnership
Denver District FDA	National Inst. Science & Tech.	Tesla Motors
ExxonMobil (Engineering)	NREL	Texas Instruments
Freeport McMoRan	Newmont Mining Corporation	Unicircuit
Gates Corporation	Nucor Steel	United Launch Alliance
Gerdau	ORISE	University of Oregon
German Academic Exchange	OrthoPets	Update International
Honeywell	Pathfinder Systems, Inc.	USC Viterbi School of Engineering
Idaho National Laboratory	Precision Castparts Corporation	Valero Energy Corporation
IMERYS	Rio Tinto	Woodward

Hiring Companies for Metallurgical & Materials Engineering Department Students

The 2016 -2017 graduates in this department reported accepting jobs with the following organizations after graduation.

Accepted Positions by Metallurgical & Materials Engineering BS Graduates

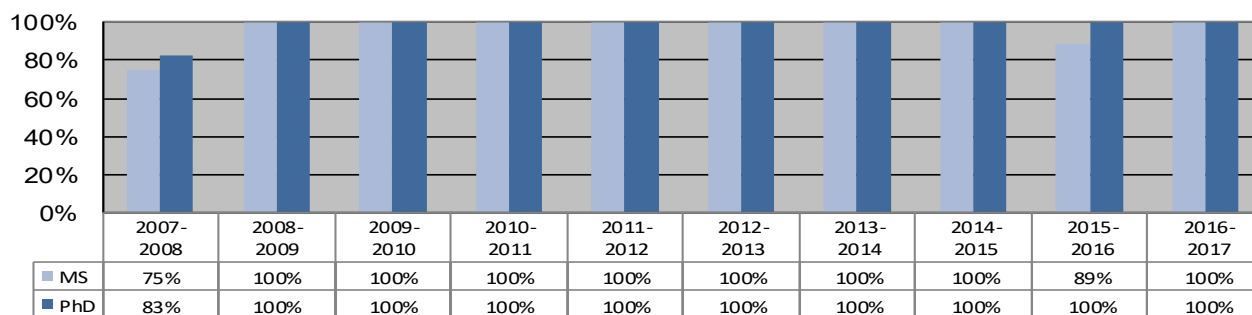
Organization	Industry	Organization	Industry
3M	Manufacturing	Lockheed Martin	Aero - Defense
AK Steel	Manufacturing	Micron Technology	IT -Elect. Telecom
Ames Construction	Consult - Construct	Mountain Limited	IT -Elect. Telecom
AMG Vanadium	Manufacturing	Nucor Steel	Manufacturing
Arconic	Aero - Defense	OCAS Belgium	Consult - Construct
Ball Aerospace	Aero - Defense	Orbital ATK	Aero - Defense
Davis Wire Corporation	Manufacturing	Quest Integrity	Consult - Construct
Elementum 3D	Manufacturing	Rochester Metals	Manufacturing
Endoshape	BioEng Medical	SpaceX	Aero - Defense
Entegris	Manufacturing	Special Metals	Manufacturing
Evrax Pueblo	Manufacturing	Spectranetics	BioEng Medical
ExxonMobil	Oil & Gas	Spinfusion	IT -Elect. Telecom
Freeport McMoRan (4)	Mining	Stillwater Mining	Mining
Heico	Manufacturing	Timken Steel	Manufacturing
Honeywell Aerospace	Aero - Defense	Weber Metals	Manufacturing

Accepted Positions by Metallurgical & Materials Engineering MS/PhD Graduates

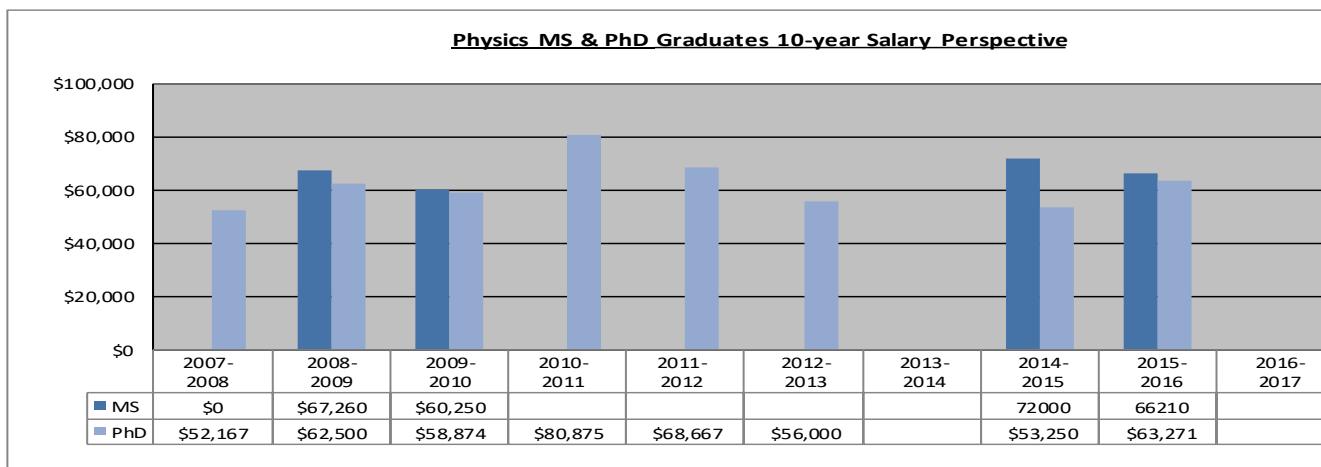
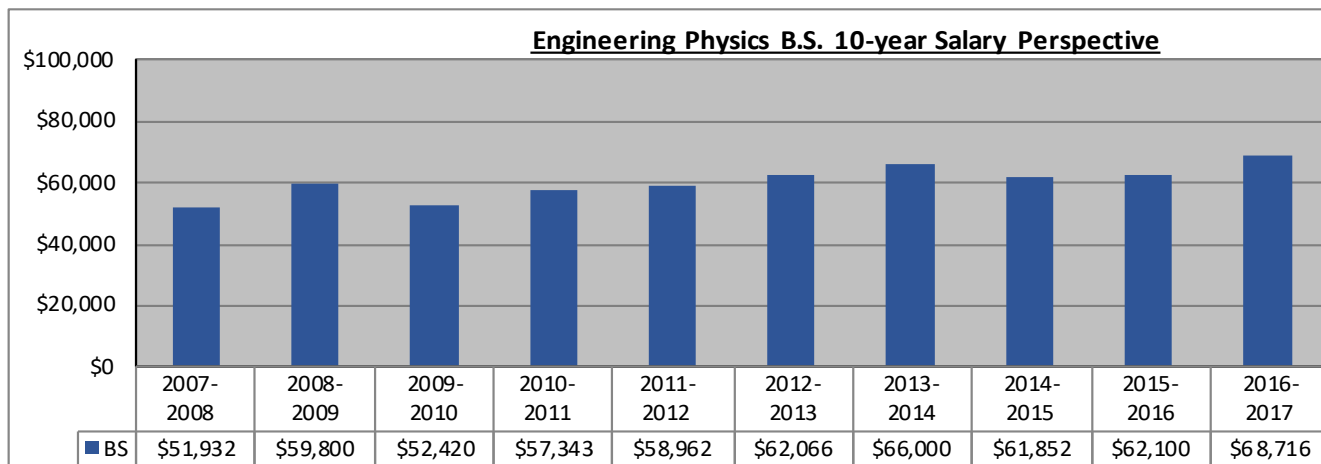
Organization	Industry	Organization	Industry
Allegheny Technologies	Manufacturing	GM	Manufacturing
ArcelorMittal	Manufacturing	Los Alamos National Lab	Government Research
Colorado School of Mines	Educ - Academia	NIST	Government Research
Constellium	Manufacturing	Oak Ridge National Lab	Government Research
Elementum 3D	Manufacturing	Silvateam	Mining
Engineering Systems	Consult - Construct	Structural Components	Consult - Construct
Evrax	Manufacturing	Worcester Poly. Institute	Educ - Academia
Exponent	Consult - Construct		

Accepted Positions by Materials Science MS/PhD Graduates

Organization	Industry	Organization	Industry
3D Systems	Manufacturing	FCA Fiat Chrysler	Automotive
Alt-E Fund	Alternative Energy	Nanyang Tech. University	Educ. - Academia
Colorado School of Mines	Educ. - Academia	NREL	Government Research
Corning	Manufacturing	REEL Solar	Alternative Energy
Cree	Manufacturing		



Physics Department Salary Perspective



Internships for Physics Department Students

The 2016—2017 graduates in this department reported completing internships with the following organizations while at Mines.

Balfour Beatty	HRL Laboratories	Peak Engineering & Automation
Ball Aerospace & Technologies	IBM	REMRSEC
Brother Mobile Solutions	ICON Engineering	Rincon Research Corporation
Class Action Administration	Johns Hopkins Center - Talented Youth	Seagate Technology
Cobham Semiconductor Solutions	Lockheed Martin	Sierra Nevada Corporation
Colorado School of Mines Astrophysics	Mentor Graphics	Southwest Research Institute
	National Center for Atmospheric Research (NCAR)	Tyler Technologies
DAAD RISE		Uncommon Schools
Electroweak Interactions Group	National Inst. Standards & Technology	United Launch Alliance
Epilog Laser	National Nuclear Security Admin.	United States Geological Survey
ERTMS Solutions	National Radio Astronomy Observatory	University of Colorado, CS
Gogo Business Aviation	Northrop Grumman	University of Utah
Honeywell FM&T		ViaSat

All Internship Opportunities for Physics Department Students

Companies who posted internship opportunities in DiggerNet during current reporting year.

AC Golden	German Academic Exchange Service (DAAD)	NREL
Accutron Instruments	GHD Services,	NCAR/UCAR
Adaptive Innovations	Gogo Business Aviation	Northrop Grumman Corporation
Air Squared	Gulfport Energy Corporation	Numerica Corporation
Airmada, Inc	Gusto	Nuventra Pharma Sciences
Amazon	Halliburton	nVoq Inc.
AppNexus	Hess Corporation	ORISE
Aquionix	Holland & Hart	ORAU
ArcelorMittal	Hunter Douglas	OrthoPets
AREVA Inc.	Idaho National Laboratory	Otter Products
Arista Networks	Institute for Comp Engineering & Sci.	Pacific Northwest National Lab
Ball Aerospace	Institute for Defense Analyses	Pathfinder Systems, Inc.
BIT Systems	Institute for Telecommunications Sci.	Phase Change Software
Bloom Energy	Janus Capital Group	Pigler Automation, LLC.
Certol International, LLC	Jeppesen	Pivot Industries Limited
CH2M	JT3 LLC	Pivotal, Inc.
Charles Schwab & Co., Inc	K2 Audio	Platte River Power Authority
Chevron Corporation	Keysight Technologies	Polycom, Inc.
Cochlear Americas	Leidos	Quest Integrity Group
Code 42	Leppert Associates	Rebound Technologies
codeDenver	Level 3 Communications	RezStream
Colorado Springs Utilities	LGS Innovations	Right Response, LLC.
Cotta Controls	Lhoist North America, Inc.	Rocky Mountain Bottle Company
Cree, Inc.	Lockheed Martin	Rocky Mountain Laboratories
Cyxtera	Magic Carpet Lifts, Inc.	RSAE Labs
Davidson Technologies, Inc.	MD MedTech, LLL	RSM US LLP
DLR Group	Mesa Laboratories	Sandia National Laboratories
DoraniX, LLC	Microsoft Corporation	Scot Forge Company
DownUnder GeoSolutions	NASA Ames Research Center	Seagate
Electro Magnetic Applications, Inc.	NASA Goddard Space Flight Ctr.	Septodont
Epic	NASA Johnson Space Center	Shell
Fast Enterprises	NASA Kennedy Space Center	Silver Bullet Water Treatment
Fermi Nat'l Accelerator Lab	NASA Langley Research Center	SomaLogic
Fidelity Investments	National Inst. Science & Technology	Spectranetics Corporation
Forsythe Technology, Inc.	National Instruments	SpotXChange

All Internship Opportunities for Physics Department Students, cont.

Companies who posted internship opportunities in DiggerNet during current reporting year.

SynEnergy	ThyssenKrupp	Verizon
TASC, An Engility Company	Trimble Navigation LTD	Vermeer Corporation
TEAM - Mines-UNC Partnership	Uber Technologies	ViaSat
Tesla Motors	United Launch Alliance	Woot Math
Texas Instruments	University of Oregon	Workday
The AWR Grp of Nat'l Instruments	Update International	XCEL Energy
The Regis Company	Vaisala, Inc.	ZipFlyer

Hiring Companies for Physics Department Students

The 2016—2017 graduates in this department reported accepting jobs with the following organizations after graduation.

Accepted Positions by Applied Physics BS Graduates			
Organization	Industry	Organization	Industry
Amazon	IT -Elect. Telecom	Pro Patent Services	Other—Legal
Electro Magnetic Applications	Aero - Defense	Rincon Research	Aero - Defense
Honeywell FM&T	IT -Elect. Telecom	RSM US LLP	IT -Elect. Telecom
Lockheed Martin	Aero - Defense	Sierra Nevada	Aero - Defense
National Instruments	IT -Elect. Telecom	United Launch Alliance	Aero - Defense
NextWorld	IT -Elect. Telecom		

Accepted Positions by Applied Physics MS/PhD Graduates			
Organization	Industry	Organization	Industry
UC—Davis	Educ. - Academia	Oakridge National Lab	Government Research



CAREER CENTER

COLORADO STATE MINES

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This chapter of the Colorado School of Mines Career Center Annual Report includes outcome details for the College of Engineering and Computational Sciences (CECS), and contains detailed information on outcomes for the academic departments listed below.

Applied Mathematics and Statistics

Civil and Environmental Engineering

Computer Science

Electrical Engineering

Mechanical Engineering



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Applied Mathematics & Statistics Department Report

2016 - 2017 Career Center Annual Report

The Applied Mathematics & Statistics Department Report for 2016-2017 includes the following: 1) summary data, 2) outcomes and salary perspectives, and 3) internship and full-time hiring information, for all Mathematics majors (MA), including undergraduate Computational & Applied Mathematics and Statistics, and graduate level Applied Mathematics and Statistics programs.

Applied Mathematics & Statistics Summary Data

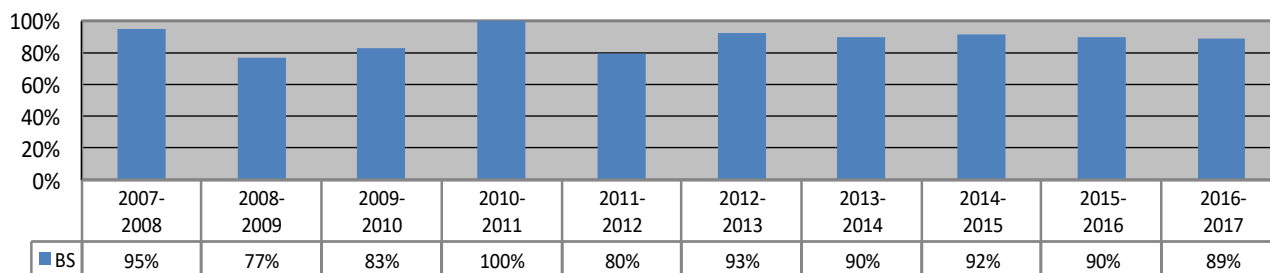
	# Grads	Industry	Military	Grad Sch	Intern'l	Not Looking	Outcomes %	Seeking	Average Salary Offer
BS - MA	19	8	0	7	0	2	89%	2	\$63,901
MS - MA	9	5	0	2	0	2	100%	0	\$78,413
PhD -MA	3	2	0	0	0	0	67%	1	N/A

*N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

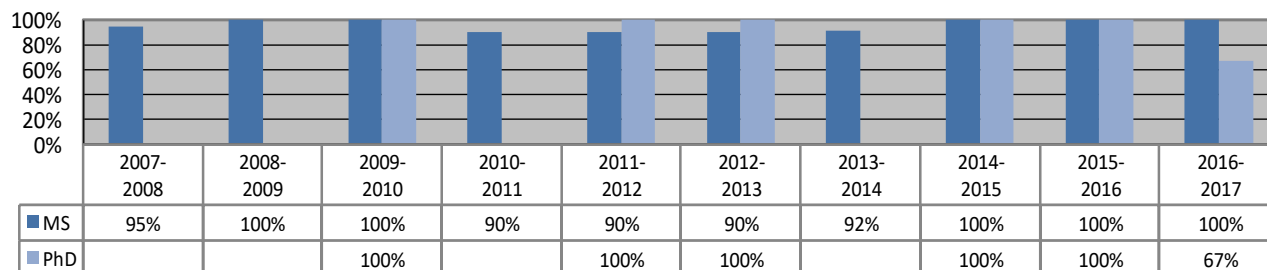
Detailed Breakdown	Positions Accepted—Industry/Government Summary								Graduate School	
	Aero - Defense	Oil & Gas	Finance/ Business	IT/Electronics	Gov't.	Consult-Construct	Other	Educ/ Academia	CSM	Other
BS - MA	2	0	2	1	0	1	1	1	5	2
MS - MA	2	0	1	1	1	0	0	0	1	1
PhD -MA	0	0	0	0	0	0	0	2	0	0

Applied Mathematics & Statistics Department Outcomes Perspective

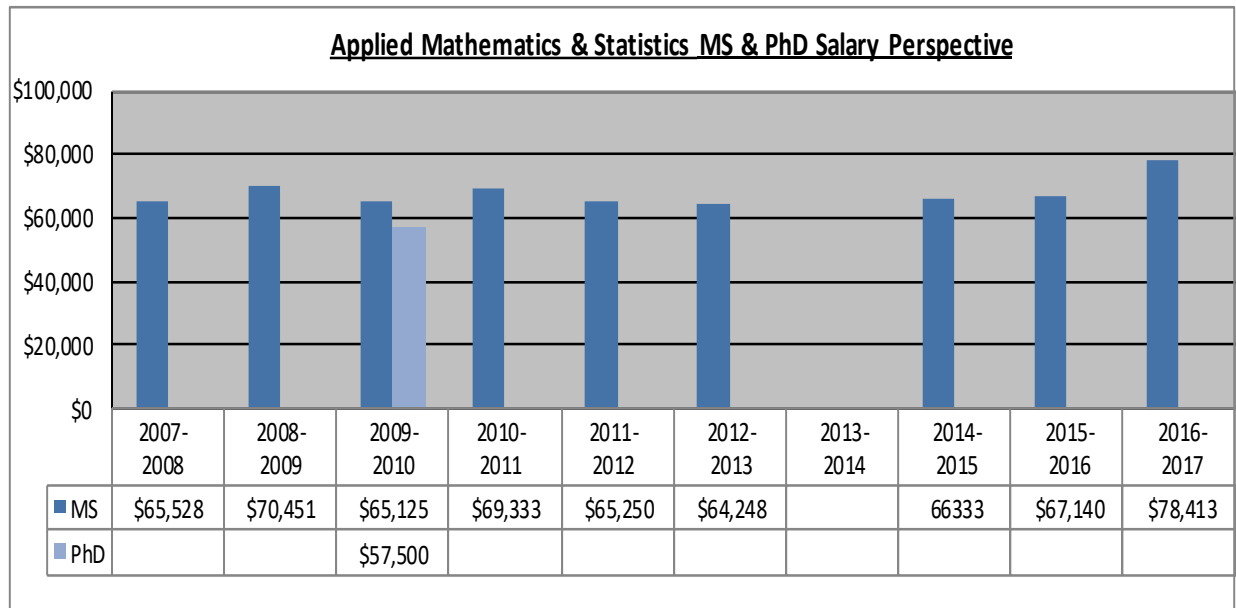
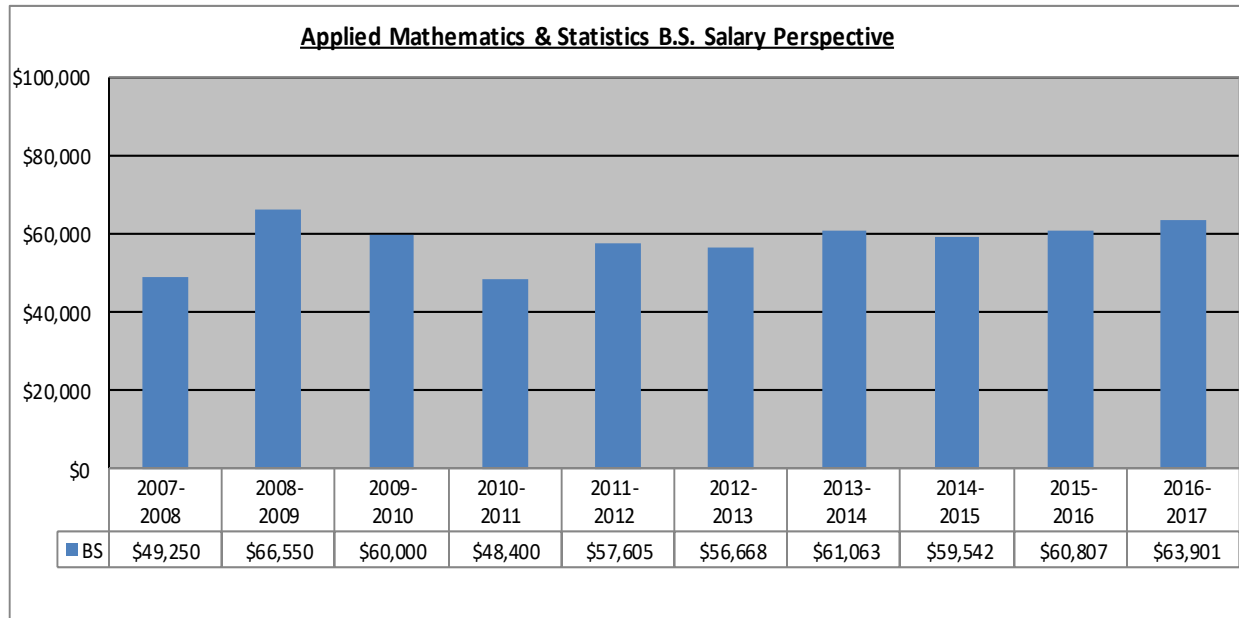
Applied Mathematics & Statistics BS Graduates 10-year Outcomes Perspective



Applied Mathematics & Statistics MS & PhD Graduates 10-year Outcomes Perspective



Applied Mathematics & Statistics Department Salary Perspective



Internships for Applied Mathematics and Statistics Students

The 2016-2017 graduates in this department reported completing internships with the following organizations while at Mines.

Boecore	Florida Institute of Technology	National Center for Atmospheric Research (RAL Division)
Cigna Health Care	Generation Teach	
Colorado HealthOP	J.R. Butler	Nuventra Pharma Sciences
Doris Duke Conservation Scholars	Lockheed Martin	Pikes Peak Regional Building Dept.
Fast Enterprises		Rochester Institute of Technology

Companies who posted internship opportunities in DiggerNet during current reporting year.

AIG	German Academic Exchange Service	NASA Goddard Space Flight Ctr.
AppNexus	GHD Services, Inc	NASA Johnson Space Center
Aquionix	Gogo Business Aviation	NASA Kennedy Space Center
ArcelorMittal	Halker Consulting LLC	NASA Langley Research Center
Arista Networks	Hess Corporation	National Inst. Standards & Tech.
Ascent360	Home Advisor	NREL
Ball Aerospace	iCAST	NCAR/UCAR
BIT Systems	Idaho National Laboratory	NGL Energy Partners LP
Build Change	Institute for Computational Engineering and Sciences	Numerica Corporation
Chevron Corporation		Nuventra Pharma Sciences
CHS, Inc.	Institute for Defense Analyses	ORISE
Cochlear Americas	Janus Capital Group	ORAU
Colorado Dept. Of Transportation	Jeppesen	P&G (Procter & Gamble)
Credera	JT3 LLC	Pathfinder Systems
Crescent Point Energy	K2 Commodities, LLC	Phase Change Software
Davidson Technologies	KPMG LLP	Quest Integrity Group
DISH Network	LafargeHolcim	RezStream
DownUnder GeoSolutions	Leppert Associates	Ricondo & Associates
Electro Magnetic Applications	LGS Innovations	Seagate
Epic	Lockheed Martin	Septodont
Fast Enterprises	Mantucket Capital	Shell
Fermi Nat'l Accelerator Lab	Mentor Graphics	Silver Bullet Water Treatment
Freeport McMoRan	Michigan Paving & Materials	Snelson Companies
Genscape	NASA Ames Research Center	SomaLogic

Companies who posted internship opportunities in DiggerNet during current reporting year (Continued)

SpotXChange	Tri-State Generation Transmission	Wakely Consulting Group
Summit Midstream	Tudor, Pickering, Holt & Co., LLC	Washington State Dept. of Transp.
TEAM - Mines-UNC Partnership	U.S. Army Corps of Engineers	Wells Fargo Bank, N.A.
Tesla Motors	U.S. Geological Survey	Woot Math
The Regis Company	United Launch Alliance	Workday
The Trust for Public Land	Vaisala, Inc.	XCEL Energy
Trimble Navigation LTD	ViaSat, Inc	

Hiring Companies for Applied Mathematics and Statistics Department Students

The 2016-2017 graduates in this department reported accepting jobs with the following organizations after graduation.

Accepted Positions by Applied Mathematics & Statistics BS Graduates

Organization	Industry	Organization	Industry
Colorado Access	Finance Business	Raytheon Missile Systems	Aero - Defense
Fast Enterprises	IT -Elect. Telecom	RSM	Consult - Construct
FirstBank	Finance Business	SEAKR	Aero - Defense
Holland & Hart LLP	Other - Law	STRIVE - Prep RISE HS	Educ. - Academia

Accepted Positions by Applied Mathematics & Statistics MS/PhD Graduates

Organization	Industry	Organization	Industry
Boecore	Aero - Defense	Tech-X Corporation	IT -Elect. Telecom
Colorado School of Mines	Educ. - Academia	US Geological Survey	Government Research
Lockheed Martin	Aero - Defense	Virginia Military Institute	Educ. - Academia
Nordstrom Bank	Finance - Business		

Civil and Environmental Engineering Department Report

2016- 2017 Career Center Annual Report

The Civil & Environmental Engineering Department Report for 2016 -2017 includes the following information: 1) summary data, 2) outcomes and salary perspectives, and 3) internship and full-time hiring information for Civil Engineering and Civil & Environmental Engineering (CE), Environmental Engineering Science & Engineering (EV), and Hydrology (HY).

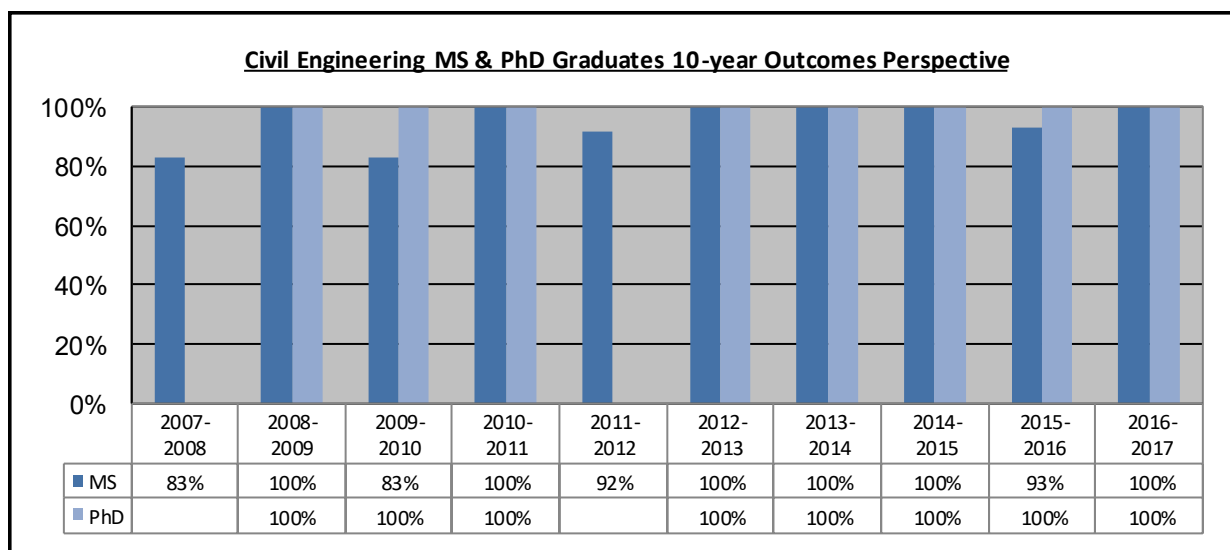
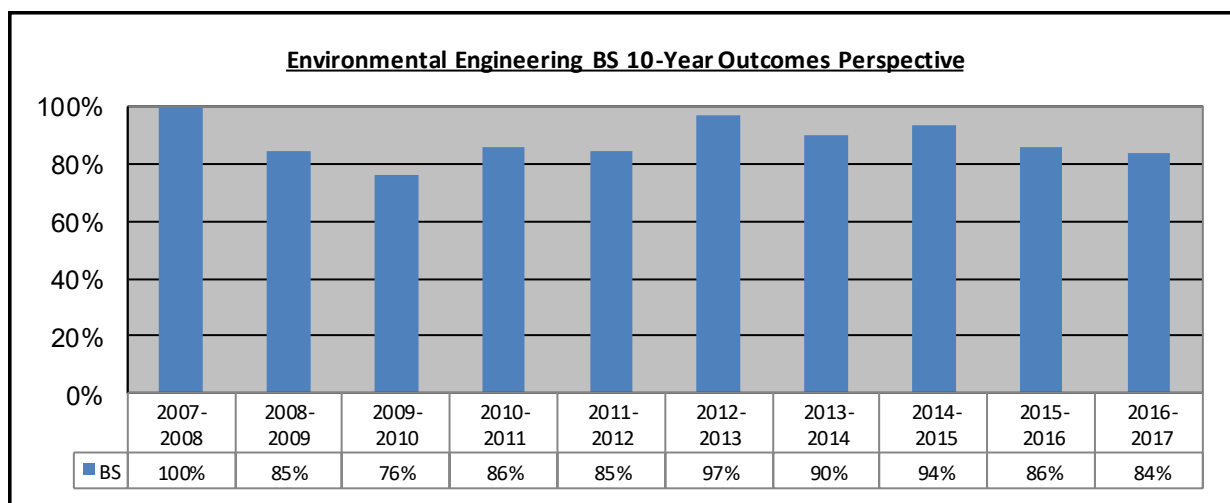
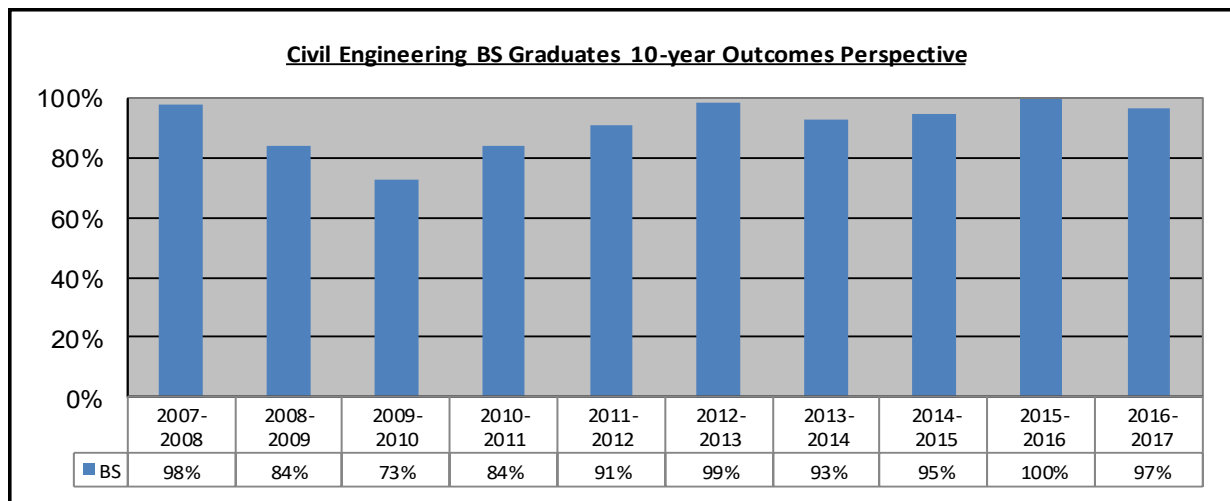
Civil & Environmental Engineering Summary Data

	# Grads	Industry	Military	Grad Sch	Intern'l	Not Looking	% Outcomes	Seeking	* Average Salary Offer
BS - CE	39	25	0	11	0	2	97%	1	\$60,216
BS - EV	25	11	0	9	1	0	84%	4	\$59,860
MS -CE & EV	29	23	0	2	0	4	100%	0	\$63,000
MS - CE	0	0	0	0	0	0	N/A	0	N/A
MS - EV	7	6	0	0	0	1	100%	0	\$69,433
MS - HY	14	11	0	2	0	1	100%	0	\$58,667
PhD - CE & EV	8	6	0	0	2	0	100%	0	N/A
PhD - CE	2	1	0	0	1	0	100%	0	N/A
PhD - EV	1	1	0	0	0	0	100%	0	N/A
PhD - HY	5	5	0	0	0	0	100%	0	N/A

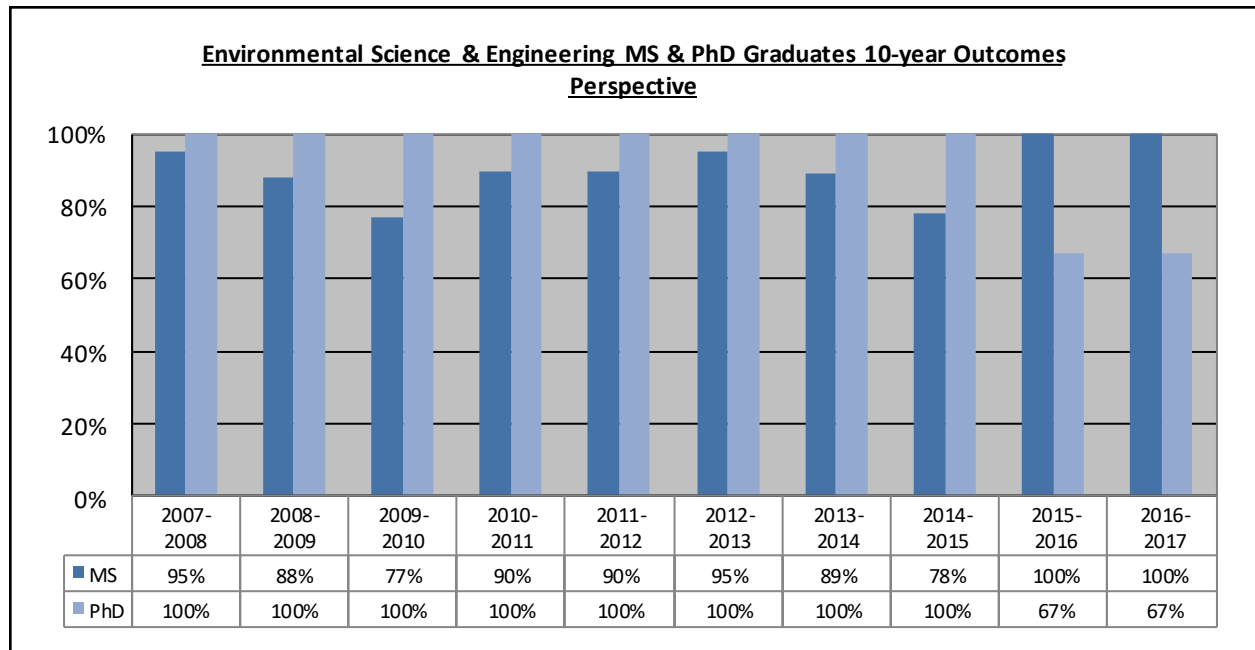
* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Detailed Breakdown	Positions Accepted—Industry/Government Summary										Graduate School	
	Consulting / Construction	Oil / Gas	Utilities	Mining	Gov't	IT	Transp.	Mfg.	Academia/ Research	Other	Mines	Other
BS - CE	20	0	0	0	2	0	2	0	0	1	10	1
BS - EV	8	2	0	0	0	0	0	1	0	0	6	3
MS - CV & EV	20	0	1	1	1	0	0	0	0	0	2	0
MS - CE	0	0	0	0	0	0	0	0	0	0	0	0
MS - EV	2	0	0	1	1	0	0	1	1	0	0	0
MS - HY	6	0	0	0	4	0	0	0	1	0	2	0
PhD - CE & EV	3	0	0	0	1	0	0	0	2	0	0	0
PhD - CE	0	0	0	0	1	0	0	0	0	0	0	0
PhD - EV	1	0	0	0	0	0	0	0	0	0	0	0
PhD - HY	2	0	0	0	2	0	0	0	1	0	0	0

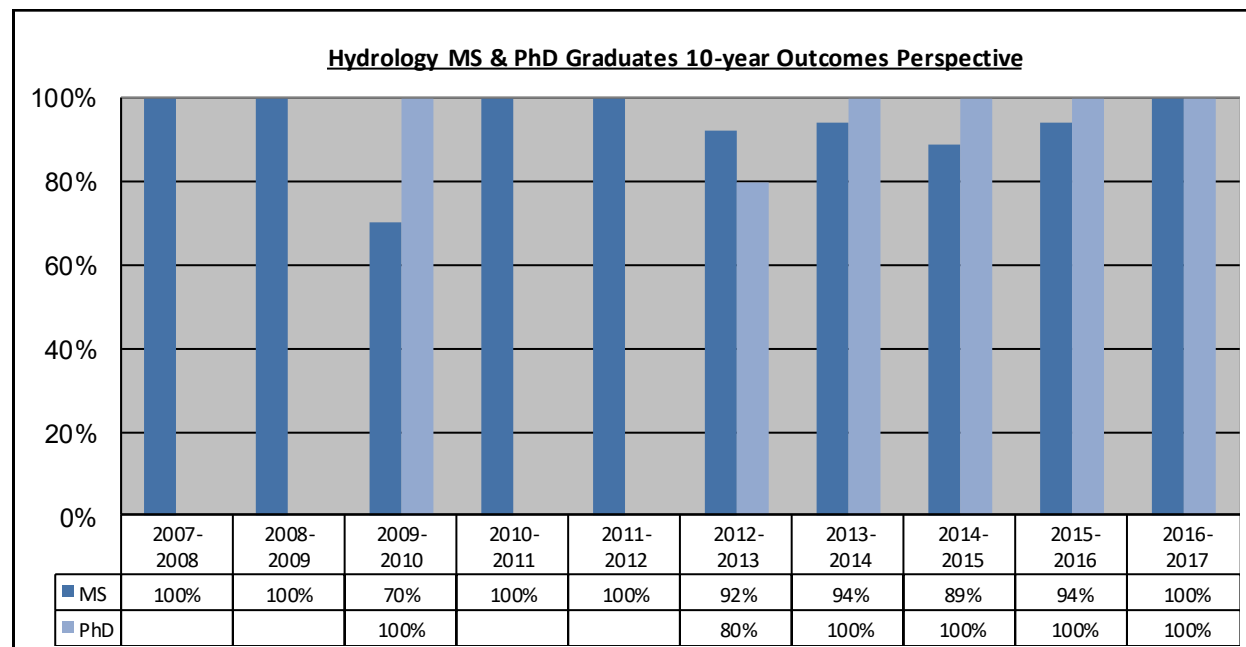
Civil & Environmental Engineering Department Outcomes Perspective

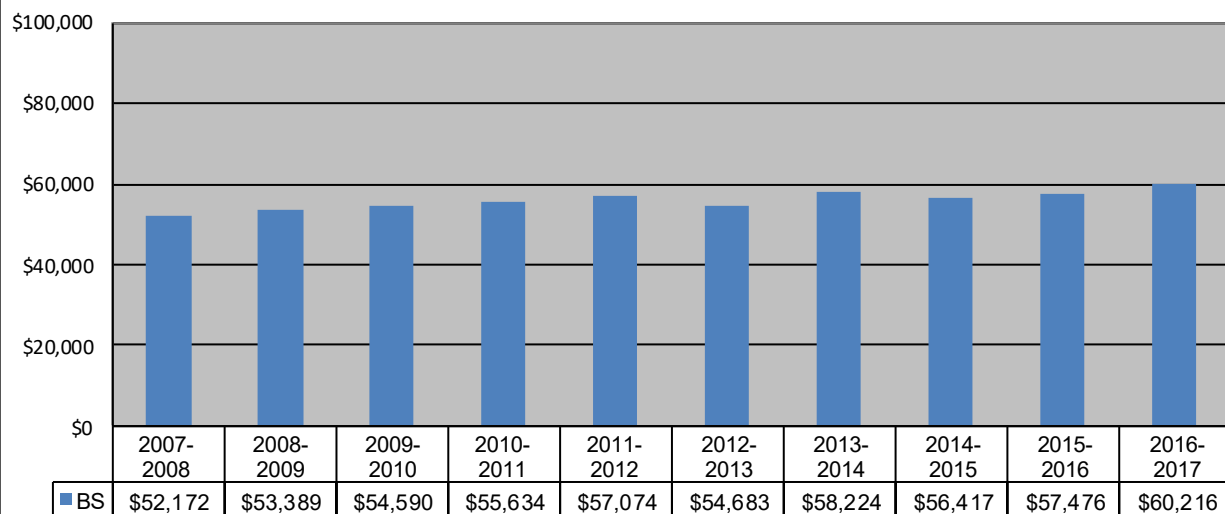
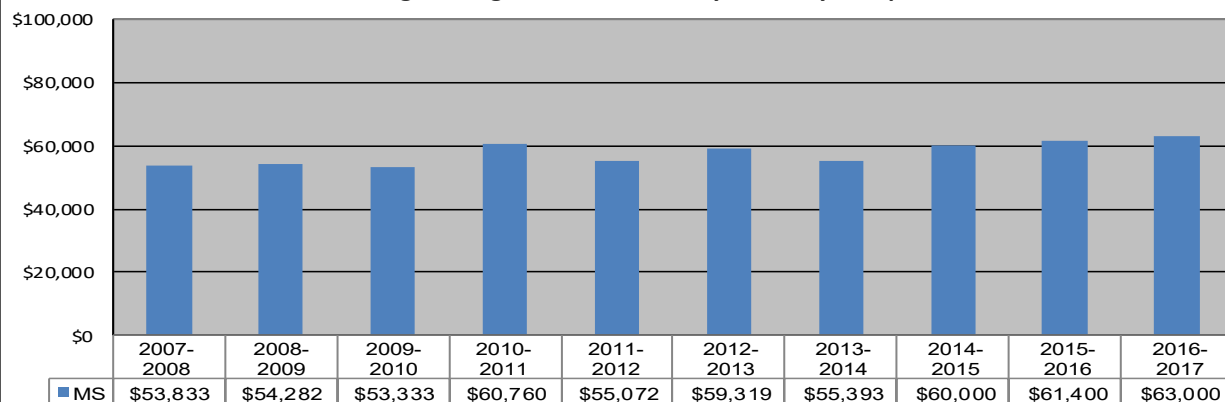


Civil & Environmental Engineering Department Outcomes Perspective (cont.)



Interdisciplinary Hydrology Graduates Outcomes and Salary Perspective



Civil Engineering BS Graduates 10-year Salary Perspective**Civil Engineering MS Graduates 10-year Salary Perspective**

There is not enough historical salary data to be reliable for the PhD graduates, therefore a salary graph is not provided.

Internships for Civil & Environmental Engineering Students

The 2016-2017 graduates in this department reported completing internships with the following organizations while at Mines.

Advanced Water Technology Center	Highland Paving Co.	Phillips 66
AECOM	Hydroscience + Engineering	PIE Engineering
Alden	Imerys	Pioneer Technical Services
Anadarko Petroleum Corporation	Infrastructure Engineers, Inc.	QEP Resources
Atwell	Jefferson County Road & Bridge Dept	Ralph Wadsworth Construction
Austin Exploration	Jones & Carter Engineering	Rocky Mountain Conservancy
Balfour Beatty	Katoarch	Royal Contracting LLC
Baseline Engineering Corp.	KECI Colorado	SEH
BGC Engineering	Kelley Trucking	SGM
Biggs Cardosa Associates	Kiewit	Shell Oil
Black and Veatch	Kinetic Industry	Shimmick Construction
Burns & McDonnell	KL&A	Southern Nevada Water Authority
CH2M	Kraemer North America	Sundyne
Chevron	KRW Consulting	Tenova TAKRAF USA
City and County of Denver	Leidos	The Dimension Group
Colorado Dept. of Transportation	Level Engineering	Tri-State Generation
Colorado Division of Water	Manhard Consulting	Turner Construction Company
Davis Wire	Martin Marietta Materials	University of Colorado Boulder
Denver Water	Martin/Martin	Urban Drainage and Flood Control
ECC	Matrix Design Group	US Army Corp of Engineers Risk Management Center
Engineers Without Borders USA	National Ecological Observatory	
Flatiron Construction	Nevada Copper	US Geological Survey
Freeport McMoRan	Niagara Bottling	USGS Geomorphology and Sediment Transport Lab
Galloway & Company, Inc.	Olsson Associates	
Guangdong Provincial Academy	OneRain	Walt Disney
Harris Kocher Smith	Pacific Structures Inc.	Williams Companies
HDR	Parker Water and Sanitation District	WPX Energy
Hensel Phelps	Parker Construction Group	

All Internship Opportunities for Civil & Environmental Engineering Students

Companies who posted internship opportunities in DiggerNet during current reporting year.

AAA WaterProofing INC.	Crescent Point Energy	Magic Carpet Lifts, Inc.
Adaptive Innovations	Denver District FDA	Manson Construction Co.
Alexco Environmental Group	Denver Water Department	Marcin Engineering
Allegion	Double T Balancing Company	Martin Marietta Materials
American Civil Constructors	Douglas County	Matrix Design Group.
American Water Works Association	Drill Tech Drilling & Shoring Inc.	McKinstry
Anderson & Hastings Consultants	E-470 Public Highway Authority	Metro Wastewater Reclamation
Aquionix	Eagle River Water and Sanitation	Michigan Paving & Materials
ARCO National Construction, Inc.	Encana Oil & Gas	Mott MacDonald
ARCOM Capital LLC	ExxonMobil	MWH Global, Inc.
ATI Specialty Alloys & Components	Fermi Nat'l Accelerator Lab	NIST
Atwell, LLC.	Freeport McMoRan	Nestle Purina
Baker Hughes	GeoEngineers, Inc.	New Sky Energy
Ball Aerospace	German Academic Exchange	Newmont Mining Corporation
BGC Engineering	GHD Services	North American Coal Corp.
Bishop-Brogden Associates, Inc.	Grand Teton National Park	ORISE
Black & Veatch	Gulfport Energy Corporation	Oldcastle Precast
BP	Halker Consulting LLC	Olsson Associates
Braun Intertec	Harris Kocher Smith	One Earth Future
Brinkmann Constructors	Hayward Baker, Inc.	PhySep
Bristol Site Contractors LLC	Heuer Labs	Pie Consulting & Engineering
Build Change	iCAST	Precision Water Resources
Build Group, Inc.	Idaho National Laboratory	QEP Resources, Inc.
Bureau of Land Management	IMERYS	Quest Integrity Group
Calpine Corporation	Institute for Defense Analyses	Regional Transportation Dist.
CalPortland	Interstate Highway Construction	Reno James Engineering
CEXEC Inc.	IX Power Clean Water	RESPEC
CH2M	J.R. Simplot Company	Ricondo & Associates, Inc.
Chaffee Cnty Habitat for Humanity	Jalisco International, Inc.	Rio Tinto
Chevron Corporation	Jay Dee Contractors	Rock Hog Drilling Products
CHS, Inc.	Jefferson County Gov't.	Rocky Mountain Nature Assoc.
City of Colorado Springs	KECI Colorado, Inc.	Schlumberger
City of Englewood	Keysight Technologies	SCI Engineering
City of Thornton	Kimley Horn and Associates, Inc.	Sempra U.S. Gas & Power
Colorado Dept. Of Trans.	Lamp Rynearson	Shell
Colorado Springs Utilities	Leppert Associates	Silver Bullet Water Treatment
ConocoPhillips	Lhoist North America, Inc.	Skanska
Cotta Controls	LINX	Southwestern Energy

All Internship Opportunities for Civil & Environmental Engineering Students

Companies who posted internship opportunities in DiggerNet during current reporting year. (Continued)

SROriginals	Trapper Mining	USC Viterbi School of Engineering
Stan Miller, Inc.	Traylor Bros	VSL
Stanley Consultants	Tronox Alkali	Ware Malcomb
Steel Dynamics	U.S. Army Corps of Engineers	Washington State Dept. of Trans.
Summit Materials	U.S. Environmental Protection Agency	WesTest
Sundt Construction, Inc.	U.S. Geological Survey	Williams Companies
Swisslog	United Launch Alliance	WSP Parsons Brinkerhoff
TEAM - Mines-UNC Partnership	University of Washington, College of the Environment	Zion Engineering
The Lane Construction Corp.	Urban Drainage and Flood Control	ZipFlyer
ThyssenKrupp		

Hiring Companies for Civil & Environmental Engineering Department Students

The 2016-2017 graduates in this department reported accepting jobs with the following organizations after graduation.

Accepted Positions by Civil Engineering BS Graduates			
Organization	Industry	Organization	Industry
285 Engineering	Consult - Construct	Jeffco Road & Bridge	Government
AECOM	Consult - Construct	Kiewit Central District	Consult - Construct
Arup	Consult - Construct	Kimley-Horn	Consult - Construct
BGC Engineering	Consult - Construct	Kraemer North America	Consult - Construct
Black & Veatch (2)	Consult - Construct	Olsson & Associates	Consult - Construct
CDOT	Government	Parsons	Consult - Construct
Fellowship of Catholic University Students	Other - Non-Profit	RJH Consultants	Consult - Construct
		Royal Contracting	Consult - Construct
Flatiron Corporation	Consult - Construct	Short Elliott Hendrickson	Consult - Construct
Harris Kocher Smith	Consult - Construct	SM Rocha	Transportation
Hensel Phelps	Consult - Construct	Traylor Bros (2)	Consult - Construct
Infrastructure Engineers	Transportation	Vertex	Consult - Construct

Accepted Positions by Civil Engineering MS/PhD Graduates			
Organization	Industry	Organization	Industry
Bureau of Reclamation	Government	Level Engineering	Consult - Construct
Carollo Engineering	Consult - Construct	Martin/Martin	Consult - Construct
CDM Smith	Consult - Construct	NEI	Consult - Construct
CH2M	Consult - Construct	Pinyon Environmental	Consult - Construct
Colorado School of Mines	Educ - Academia	Pure Cycle	Consult - Construct
Eawag	Educ - Academia	SGM	Consult - Construct
Felten Group	Consult - Construct	Terracon	Consult - Construct
Galloway & Company	Consult - Construct	Tetra Tech	Consult - Construct
Geosyntec Consultants (2)	Consult - Construct	Thornton Tomasetti	Consult - Construct
HDR (2)	Consult - Construct	Traylor Bros	Consult - Construct
Imerys	Mining	Turner Construction	Consult - Construct
Innovyze	Consult - Construct	US Army Corps of Engineers	Government
IX Power Foundation	Utils - Nuclear	W. W. Wheeler & Assoc.	Consult - Construct
KL&A	Consult - Construct	Wilson & Company	Consult - Construct

Hiring Companies for Civil & Environmental Engineering Department Students

The 2015-2016 graduates in this department reported accepting jobs with the following organizations after graduation.

Accepted Positions by Environmental Engineering BS Graduates

Organization	Industry	Organization	Industry
Brown & Caldwell	Consult - Construct	PDC Energy	Oil & Gas
Dixon Marine Services	Consult - Construct	Phillips 66	Oil & Gas
Geosyntec Consultants	Consult - Construct	Pinyon Environmental	Consult - Construct
Gummi-Jaeger	Consult - Construct	Reno James Engineering	Consult - Construct
Heico Wire	Manufacturing	SEH	Consult - Construct
Martin/Martin	Consult - Construct		

Accepted Positions by Environmental Engineering MS/PhD Graduates

Organization	Industry	Organization	Industry
ADC Wastewater	Consult - Construct	Geosyntec Consultants (2)	Consult - Construct
City and County of Denver	Government	McLane Environmental	Consult - Construct
Colorado School of Mines	Educ - Academia	PSD	Manufacturing
Freeport-McMoran	Mining		

Accepted Positions by Hydrology MS/PhD Graduates

Organization	Industry	Organization	Industry
CDM Smith	Consulting	Metropolitan State Univ. of Denver	Educ. - Academia
CH2M	Consulting	Sandia National Lab	Government Research
City of Fort Collins	Government	Swift River Environmental Services	Consulting
CO Dept. Public Health / Env.	Government	Trihydro Corporation	Consulting
Colorado School of Mines	Educ. - Academia	U.S. Bureau of Reclamation (2)	Government
Enginuity Engineering Solution	Consulting	U.S. Department of Agriculture	Government
ERO Resources Corporatin	Consulting	WW Wheeler	Consulting
Itasca	Consulting		



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Computer Science Department Report

2016 - 2017 Career Center Annual Report

The Computer Science Department Report for 2016-2017 includes 1) summary data, 2) outcomes and salary perspectives, and 3) internship and full-time hiring information.

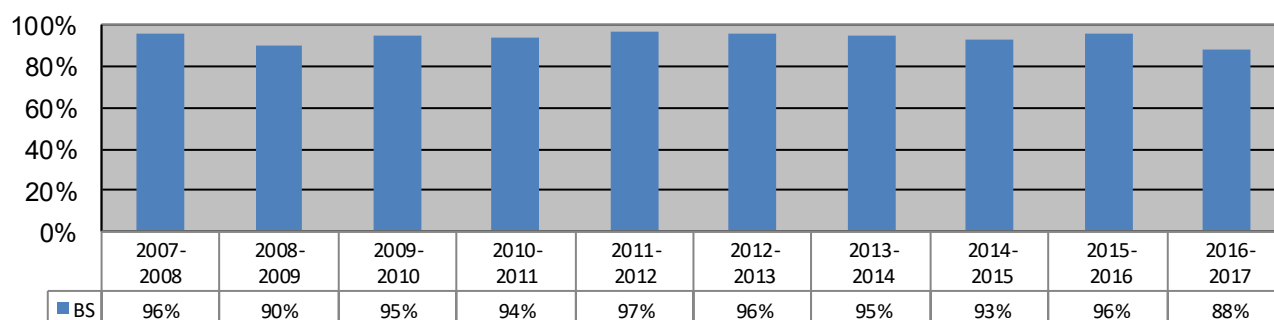
Computer Science Summary Data

	# Grads	Industry	Military	Grad Sch	Intern'l	Not Looking	Outcomes %	Seeking	Average Salary Offer
BS - CS	64	45	0	10	0	1	88%	8	\$74,634
MS - CS	14	9	0	1	1	0	79%	3	\$82,857
PhD - CS	2	2	0	0	0	0	100%	0	N/A

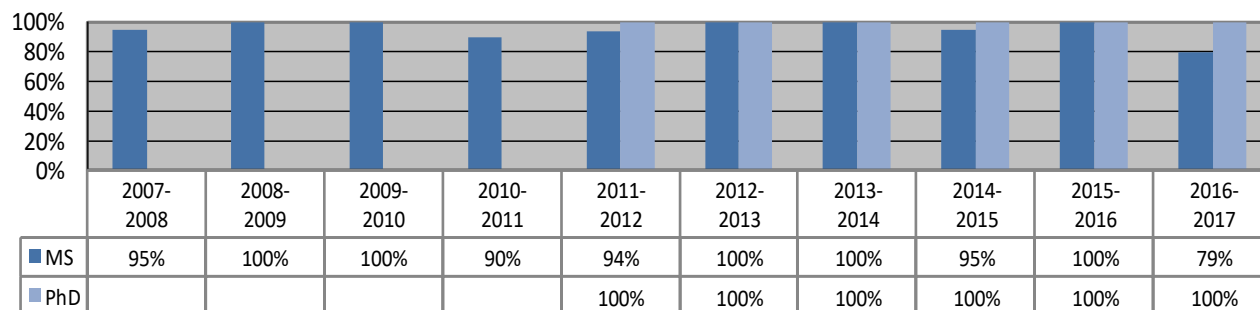
* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Detailed Breakdown	Positions Accepted—Industry/Government Summary										Graduate School	
	Aero	Consult / Construct	Oil & Gas	IT / Elect	Mfg.	Consulting	Finance Business	Gov't.	Acad / Research	Other	CSM	Other
BS - CS	6	1	2	33	1	0	3	0	0	0	8	2
MS - CS	0	0	0	7	0	2	0	0	0	1	1	0
PhD - CS	0	0	0	0	0	0	0	0	2	0	0	0

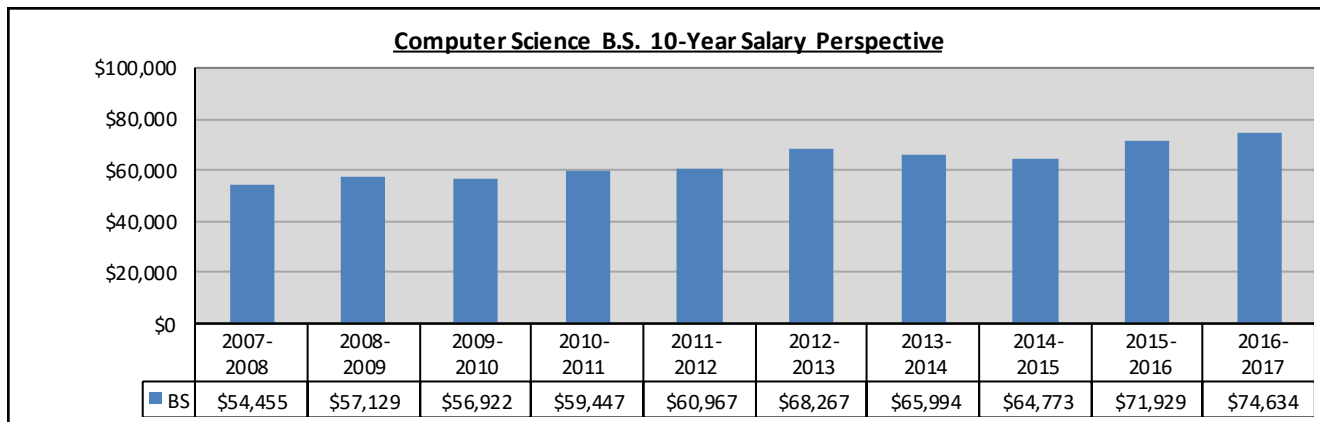
Computer Science BS Graduates 10-year Outcomes Perspective



Computer Science MS Graduates 10-year Outcomes Perspective



Computer Science Department Salary Perspective



There is not enough historical salary data to be reliable for MS or PhD graduates; therefore a graph is not provided.

Internships for Computer Science Students

The 2016-2017 graduates in this department reported completing internships with the following organizations while at Mines.

AgilData	FullContact	Progressive Insurance
Alarm.com	Gogo Business Aviation	RadiantIQ
Amazon.com	Google	ReadyTalk
Aventura Inc.	Hewlett Packard	Recondo Technology
BHP Billiton petroleum	Jeppesen	Return Path
BIMShift	LGS Innovations	Ricoh
Boardwalk Pipeline Partner	Lockheed Martin	Seagate
ByWater Solutions	MIT	Software Engineering Institute
Comcast	Mentor Graphics	SolidFire
ConocoPhillips	Nasdaq	SpotXChange Inc.
Data Verity	NREL	The Rothwell Group
Deloitte Digital	Niobrara R&D	Trimble Navigation
Devon Energy Corporation	Northrop Grumman	United Launch Alliance
Dothill Systems Corp	NuStar Energy	University of Colorado Boulder
Double Encore	OppenheimerFunds	USGS
Ecocion	Possible Mobile	Vapor Technologies
Epic Systems	Pro Unlimited	Verizon

Other internship opportunities for this department appeared in DiggerNet during current reporting year:

3M	C12 Energy	DigitalGlobe
Advanced Micro Devices	CDM Smith	DISH Network
AEM consulting	Central Intelligence Agency	Dispatch
Alcatel-Lucent	CH2M	Dizzion
Analytic Partners	Charles Schwab & Co., Inc	E9Data
Ansys, Inc	Chevron Corporation	Eagle River Water and Sanitation
Apogee Engineering, LLC	(CSCIEE)	EN Engineering
Arup	Cigna	Fast Enterprises
ASM America	Cintron Medical	FJA-US
Atlas Copco CMT USA	Citadel	Galaxy i Technologies
Autodesk	City and County of Denver	Gaming Laboratories International
Autoliv ASP	Colorado Bioscience Association	Gates Corporation
AVAYA	CO Governor's Office -Info. Tech.	GE Global Research
BCS, Incorporated	Colorado Legislative Council	General Electric
Bechtel Marine Propulsion Corp.	Compassion International	General Motors
Billtrust	ConSova Corporation	Generation Teach
BIT Systems	CoreSite	Genscape
Boecore, Inc.	Dairy Engineering Company	German Acad. Exchange Service
Bonneville Power Administration	Dakota Gasification Company	Global Technology Resources
Boulder Innovation Group, Inc.	DEKA Research and Development	Gulfstream Aerospace
BP	Denver Water Department	Hess Corporation
Bureau of Land Management	Digital Media Academy	Hitachi Consulting

Additional internship opportunities for students in this department were posted in DiggerNet, including:

Holland & Hart	NCAR/UCAR	Southwest Generation
Home Advisor	New Century Software	Sovrn Holdings
IBM Watson	New Media One Web Services	SSC PAC
iCAST	Newcore Technology Group	SpaceX
Idaho National Laboratory	Nuventra Pharma Sciences	SPAWAR Systems Center
IMERYS	ORISE	Spectra Logic
IMI Precision Engineering	Occam Robotics, Inc.	Spinfusion
Infosys	Ocean Partners USA, Inc.	SRI International
Innovative Signal Analysis	Ombud	SSP Innovations
Institute for Comp. Eng. & Sciences	One Touch Intelligence	Startup Colorado
Institute for Telecomm. Sciences	OptTek Systems, Inc.	Stratom, Inc.
Integra	ORAU	Structural Integrity Associates
IntelliProp Inc	OSisoft, LLC	System76, Inc
Intentional Software	P&G (Procter & Gamble)	Tallgrass Energy Partners
IP Commerce, Inc	P2 Energy Solutions	Tesla Motors
Janus Capital Group	PAR Technology	The MITRE Corporation
Johns Manville	PCS Ferguson	Thomson Reuters
Junction Solutions, LLC	Peak Reliability	Tinker Air Force Base Engineering
Keysight Technologies	Perficient	TransFirst
KNS Communications Consultants	Phase Change Software	Travelport LP
KPMG LLP	Pivot Industries Limited	Tri-State Generation
Lawrence Berkeley National Lab.	Planisware USA	Tyler Technologies, Eagle Division
Level 3 Communications	Plexim	U.S. Army Corps of Engineers
Light Foundry, LLC	PMC-Sierra	U.S. Department of Energy (DOE)
LSI -Logical Systems LLC.	Promatrix Corp	United States Navy
Ma Labs, Inc	Quantlab Financial, LLC	University of Alabama
Maptek	Radix Metasystems	University of Southern California
Marble	Return Path, Inc.	Velentium
Market Force Information	Ricoh	Vermeer Corporation
MDA Information Systems Inc	Right Response, LLC.	VSolvit
MedKeeper	Risk Management Solutions	WaveLynx Technologies
Metaformers, Inc.	S&P Global Platts	Wiland
Missile Defense Agency	SAIC	Woodridge Software
Motili	Sandia National Laboratories	Workday
Mu Sigma Inc	SAP Hybris	XCEL Energy
NIST	Sierra Nevada Corporation	Xilinx
National Instruments	SomaLogic	XIMEA Corp.
NBCUniversal	SourceGas	Yardi Systems
		Zayo

Hiring Companies for Computer Science Students

The 2016-2017 graduates with this degree reported accepting jobs with the following organizations after graduation.

Accepted Positions by Computer Science BS Graduates			
Organization	Industry	Organization	Industry
ADT Security Services	IT -Elect. Telecom	Microsoft	IT -Elect. Telecom
Alarm.com (2)	IT -Elect. Telecom	Nasdaq	Finance Business
Allrn.com	IT -Elect. Telecom	Nelnet	Finance Business
BrieBug Solutions	IT -Elect. Telecom	Nextworld (2)	IT -Elect. Telecom
Charter Communications	IT -Elect. Telecom	Northrop Grumman	Aero - Defense
ConocoPhillips	Oil & Gas	Pax8	IT -Elect. Telecom
Data Verity	IT -Elect. Telecom	PetroDE	Oil & Gas
Digitech Systems	IT -Elect. Telecom	Pivotal Software	IT -Elect. Telecom
DMC	Consult—Construct	POSSIBLE Mobile	IT -Elect. Telecom
Facebook	IT -Elect. Telecom	Ready Talk (2)	IT -Elect. Telecom
Fast Enterprises	IT -Elect. Telecom	Redit	IT -Elect. Telecom
FENIX.AI	IT -Elect. Telecom	Return Path	IT -Elect. Telecom
Financial Media Group	IT -Elect. Telecom	RSM	Finance Business
Gates	Manufacturing	Sensera Systems	IT -Elect. Telecom
Google	IT -Elect. Telecom	Sierra Nevada Corp. (2)	Aero - Defense
Inquest	IT -Elect. Telecom	Solidyn Solutions	IT -Elect. Telecom
Intelligent Software Solutions	IT -Elect. Telecom	Sphere of Influence	IT -Elect. Telecom
Kenzan Media	IT -Elect. Telecom	The Regis	IT -Elect. Telecom
Lockheed Martin (3)	Aero - Defense	Tyler Technologies	IT -Elect. Telecom
LogRhythm	IT -Elect. Telecom	Undisclosed Start-Up	IT -Elect. Telecom

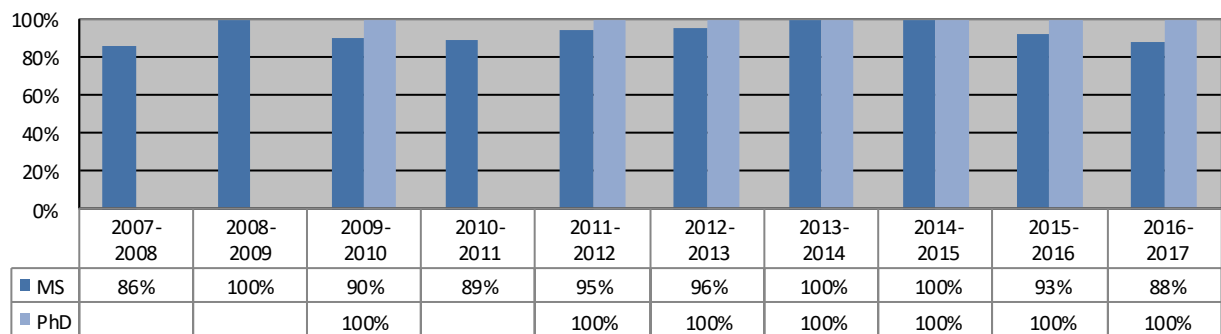
Accepted Positions by Computer Science MS/PhD Graduates			
Organization	Industry	Organization	Industry
Arista Networks (2)	IT –Elect. Telecom	LGS Innovations	IT –Elect. Telecom
CA Technologies	IT -Elect. Telecom	Pivotal Cloud Foundry	IT –Elect. Telecom
Colorado School of Mines	Educ.—Academia	SpotX	IT –Elect. Telecom
Credera	Consulting	UNE Omaha	Educ.—Academia
Geico	Other—Insurance	Upsource IT	Consulting



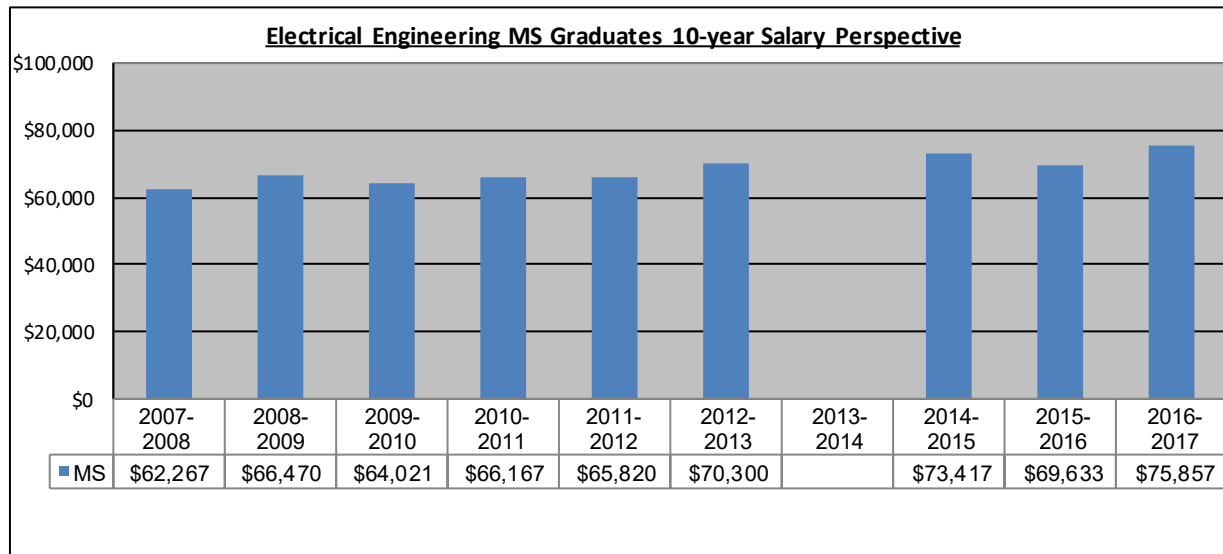
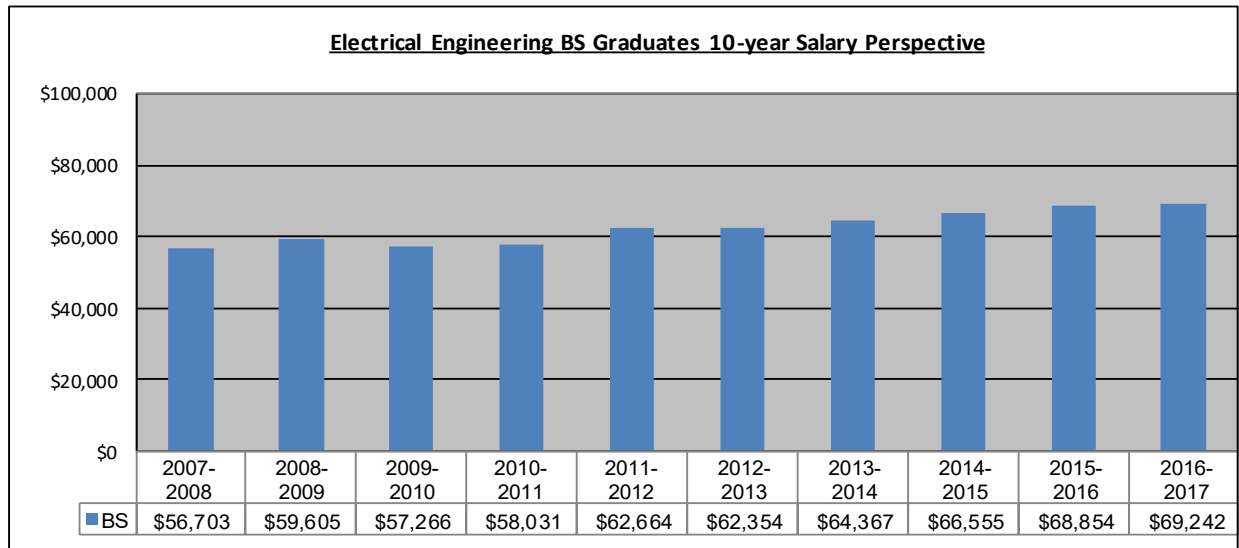
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Electrical Engineering Department Salary Perspective



*There is not enough historical salary data to be reliable for PhD graduates; therefore a graph is not provided.

Internships for Electrical Engineering Students

The 2016-2017 graduates in this department reported completing internships with the following organizations while at Mines.

Advanced Micro Devices	Hewlett Packard Enterprise	Return Path
Agildata	Holland & Hart	RG Engineering
Air Sciences	InPwr Inc.	Ricoh
Alliance Coal, LLC	Intelliprop	Rincon Research Corporation
Anadarko Petroleum Corporation	Keysight Technologies	RMH Group
ANSYS, Inc.	Kiewit Engineering & Design	Rothwell Group
ArcelorMittal	Kiewit Power Constructors	Rutgers University
Audubon Consulting	LGS Innovations	Salesforce
Aventura Inc.	Lockheed Martin	Salient Power Engineering
Balfour Beatty	Macroactive	SAPLABS
Barber-Nichols	MakeMusic Inc.	Seagate Technology
BCER Engineering	MillerCoors	Sierra Nevada Corp.
CA Technologies	MOBITOUCH	Software Engineering Institute
Carollo Engineers	Nasdaq	Spectra Logic
codeDenver LLC	National Institute of Aerospace	SpireDigital
Cognilytics	National Inst. Science & Tech.	Stanley Consultants
Colorado School of Mines REU	National Renewable Energy Lab	State Studios
DalTile Corp.	NEC Laboratories America	Stellar Solutions
Data Verity	NEI Electric Power Engineering	Suleiman Holdings
DaVita Inc.	New York Power Authority	Sundyne
Denver Energy Group	Newmont Mining Corp	Superior Metal Products
Denver North HS (TEAM-UP)	North Applications	TAKRAF USA
Denver Water	Northrop Grumman	Think HR
Department of Defense	OppenheimerFunds	TMK-IPSCO
DigitalGlobe	Orbital ATK	Travelport
Earth Science Systems	Pivotal Software, Inc.	Tri-State Generation & Transmission
Ecocion Inc.	PK Electrical	Ulteig
Educyber	Possible Mobile	United Launch Alliance
Fast Enterprises	Procter & Gamble	University Corp. Atmospheric Research
Freeport McMoRan	Qualcomm	Upsource IT
FullContact	Quanta Power Generation	Verizon Wireless
GoGo Business Aviation	Radix Metasystems	Welkin Sciences
Gratings, Inc.	ReadyTalk	Wolf Robotics
Grounded Technologies, Inc.	Recondo Technology	Woodridge Software
Health Language	Regis Company	XCEL Energy
	RES- Americas	Zayo Group

All Internship Opportunities for Electrical Engineering Students

Companies who posted internship opportunities in DiggerNet during current reporting year.

Accutron Instruments Inc.	Denver District FDA	LGS Innovations
Adaptive Innovations	Denver Water Department	Lhoist North America, Inc.
Alarm.com	DLR Group	LINX
Amazon	Dohmen Life Science Services	Lockheed Martin
American Bureau of Shipping	DoraniX, LLC	McKinstry
AppNexus	Douglas County	MD MedTech, LLL
Aquionix	DownUnder GeoSolutions	Mentor Graphics
ArcelorMittal	E-470 Public Highway Authority	MEP Engineering, Inc.
ARCOM Capital LLC	Electro Magnetic Applications	Mesa Laboratories
Arista Networks	Epic	Michigan Paving & Materials
Baker Hughes	ExxonMobil	MISO Energy
Ball Aerospace & Technologies	Fast Enterprises	MWH Global, Inc.
BIT Systems	Fermi Nat'l Accelerator Lab	NASA Ames Research Center
Black & Veatch	Fidelity Investments	NASA Goddard Space Flight Ctr.
Black Hills Corporation	Forsythe Technology, Inc.	NASA Johnson Space Center
Bloom Energy	Gates Corporation	NASA Kennedy Space Center
BlueStamp Engineering	German Academic Exchange	NASA Langley Research Center
BP	Gogo Business Aviation	NIST
Calpine Corporation	Gulfport Energy Corporation	National Instruments
Carollo Engineering	Gusto	NREL
CenturyLink	Halliburton	NCAR/UCAR
Certol International, LLC	Heuer Labs	Nestle Purina
CH2M	Holland & Hart	Northrop Grumman Corporation
Charles Schwab & Co., Inc	HP	Nucor Steel
Chevron Corporation	Hunter Douglas	Numerica Corporation
Chevron Phillips Chemical Co.	Idaho National Laboratory	nVoq Inc.
CHS, Inc.	IMERYS	Oasis Petroleum
Circle Graphics, Inc.	Institute for Computational Engineering and Sciences	ORAU
Code 42	Institute for Defense Analyses	OSIsoft
codeDenver	Institute for Telecomm.Sciences	P&G
Colorado Dept. Of Transportation	J.R. Simplot Company	Pacific Northwest National Lab
Colorado Springs Utilities	Janus Capital Group	Parker Hannifin
ConocoPhillips	JT3 LLC	Pathfinder Systems
Cotta Controls	K2 Audio	Phase Change Software
Credera	Keysight Technologies	PhySep
Cree, Inc.	Kimley Horn and Associates	Pigler Automation
Crescent Point Energy	Leidos	Pivot Industries Limited
Cyxtera	Leppert Associates	Pivotal, Inc.
Davidson Technologies, Inc.	Level 3 Communications	Platte River Power Authority

All Internship Opportunities for Electrical Engineering Students

Companies who posted internship opportunities in DiggerNet during current reporting year.

Polycom, Inc.	Summit Materials	TruStile Doors
Poudre Valley REA	Sundt Construction	Uber Technologies
Quest Integrity Group	Swisslog	Ulteig
Reno James Engineering	SynEnergy	United Launch Alliance
RezStream	TASC	University of Oregon
Right Response, LLC.	Tata Chemicals Soda Ash Partners	Update International Inc
Rocky Mountain Bottle Company	TEAM - Mines-UNC Partnership	USC Viterbi School of Engineering
RSAE Labs	Tesla Motors	Vaisala, Inc.
RSM US LLP	Tesoro Companies	Verizon
Schlumberger	Texas Instruments	Vermeer Corporation
Seagate	The AWR Group of National	ViaSat, Inc
Shell	Instruments	Volkswagen Group of America
SomaLogic	The Regis Company	Williams Companies
SpaceX	ThyssenKrupp	Woodward, Inc
Spectranetics Corporation	Trimble Navigation	Woot Math
SpotXChange	Tri-State Generation & Transmission	Workday
Stanley Consultants	Tronox Alkali	WSP Parsons Brinkerhoff, USA
Steel Dynamics		XCEL Energy

Hiring Companies for Electrical Engineering Students

The 2016-2017 graduates with this degree reported accepting jobs with the following organizations after graduation.

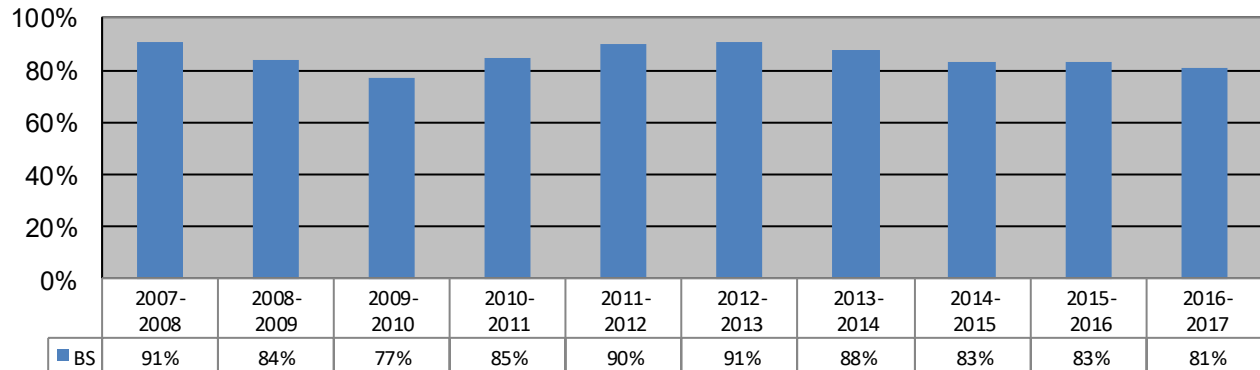
Accepted Positions by Electrical Engineering BS Graduates			
Organization	Industry	Organization	Industry
Advanced Micro Devices	IT -Elect. Telecom	JT3	Aero - Defense
Ametek	Automotive	Kahuna Ventures	Oil & Gas
ArcelorMittal	Manufacturing	Keysight Technologies	IT -Elect. Telecom
ASC Capacitors	IT -Elect. Telecom	Leidos	IT -Elect. Telecom
BACOG	Other - Start-Up	Lockheed Martin (3)	Aero - Defense
Bureau of Reclamation	Government	M.E. Group	Consult - Construct
Burns & McDonnell	Consult - Construct	NEI Power Engineers	Consult - Construct
Carollo Engineers (2)	Consult - Construct	Pacific Gas & Electricity	Utilities
CenterPoint Energy	Oil & Gas	Procter & Gamble	Manufacturing
DaVita	BioEng - Medical	RG Engineering	Consult - Construct
Denver Transit Operators	Utilities	Suleiman Holdings	IT -Elect. Telecom
Department of Defense	Government	The MH Companies	Consult - Construct
DMC	Consult - Construct	The RMH Group	Consult - Construct
EN Engineering (2)	Consult - Construct	Ulteig (2)	Consult - Construct
Fives Lund	Consult - Construct	United Launch Alliance	Aero - Defense
HP Enterprise (2)	IT -Elect. Telecom	Woodridge Software	IT -Elect. Telecom
HomeAway	IT -Elect. Telecom		

Accepted Positions by Electrical Engineering MS/PhD Graduates			
Organization	Industry	Organization	Industry
Colorado School of Mines	Educ - Academia	Rincon Research Corp.	IT -Elect. Telecom
Doosan GridTech	Alternative Energy	RT Logic	IT -Elect. Telecom
Emerson/Vertiv	Consult - Construct	Stanley Consultants	Consult/Construct
Lunar Outpost	Other-Startup	UT Austin (2)	Educ - Academia
NREL	Government Research	Wolf Robotics	Consult/Construct
Orbital ATK	Aero - Defense	Xcel Energy	Utilities
RES-Americas	Alt/Renewable Energy		

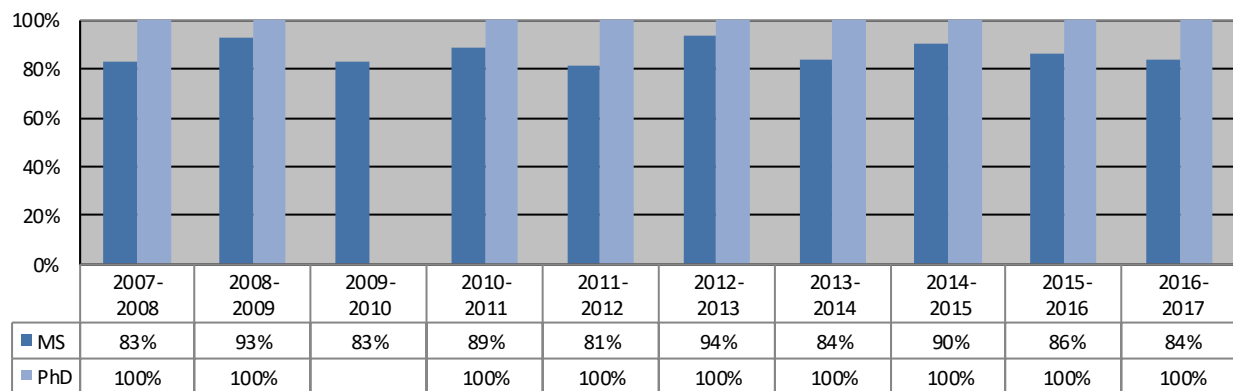
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Mechanical Engineering Department Outcomes Perspective

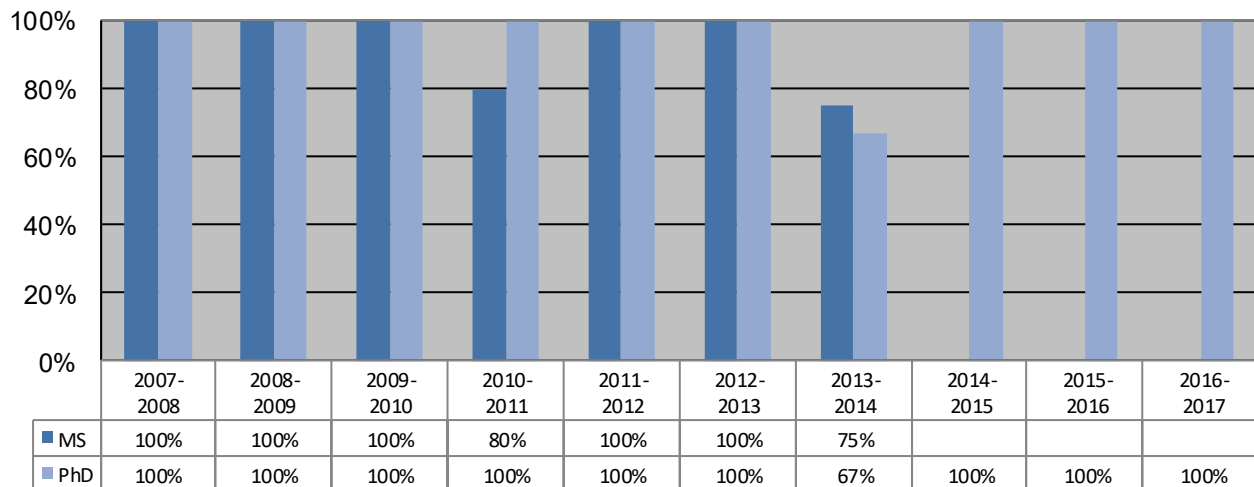
Mechanical Engineering BS Graduates 10-year Outcomes Perspective



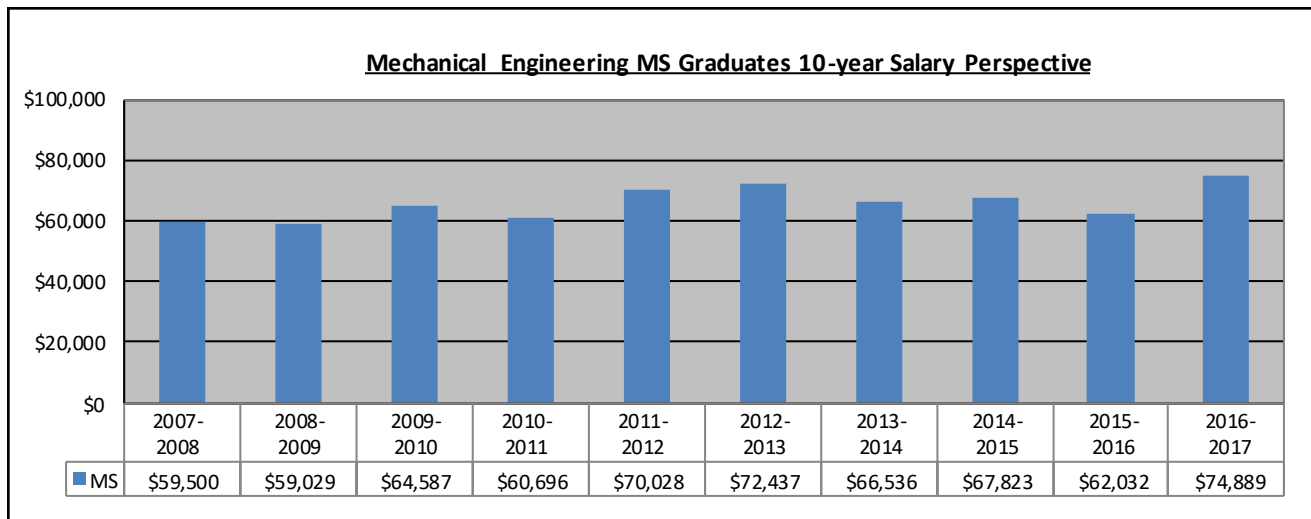
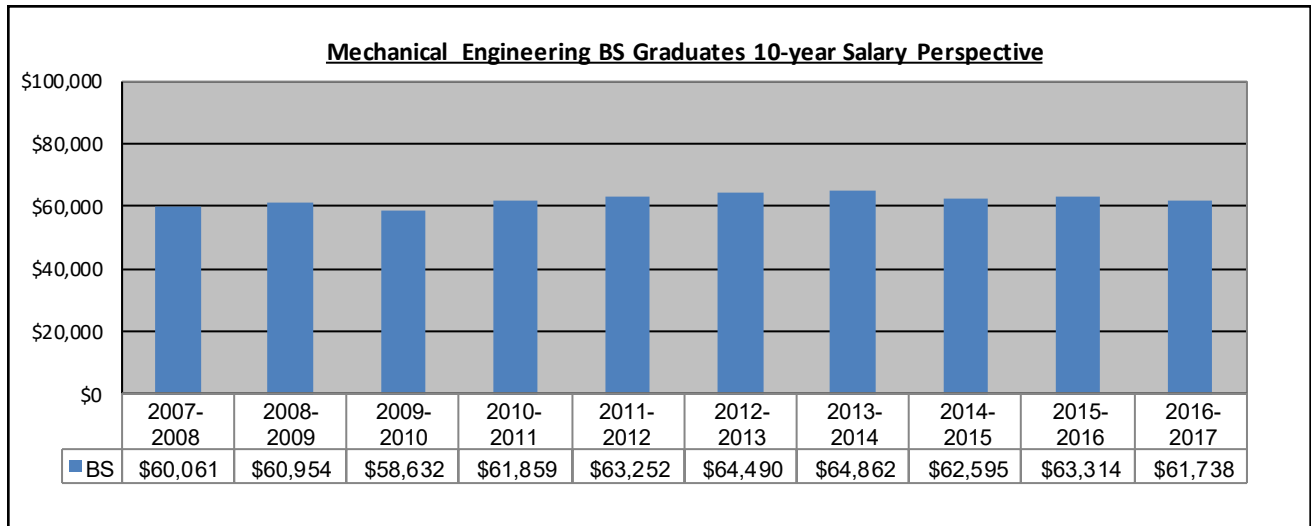
Mechanical Engineering MS & PhD Graduates 10-year Outcomes Perspective



Engineering Systems MS & PhD Graduates 10-year Outcomes Perspective



Mechanical Engineering Department Salary Perspective



There is not enough historical salary data to be reliable for PhD graduates; therefore a graph is not provided.

Internships for Mechanical Engineering Students

The 2016-2017 graduates in this department reported completing internships with the following organizations while at Mines.

3D Systems	Comillas University	Grupo Fenix
Aeon PEC	ConocoPhillips	Halliburton
AGL Constructors	Coorstek	Harvest Group
All Flex	CSM Center for Space Resources	Heat Transfer Research
Alpha Technologies	CSM Colorado Fuel Cell Center	H&M Saw
Altman Manufacturing	CSM Industrial Robotics /Automation	Hirsh Precision Products
AME Inc.	CSM Materials Research Lab	Honda
ArcelorMittal	CSM Nanostructured Materials	Honeywell
Army Corps of Engineers	CSM Robotics	HTM Construction
Avicenna Technologies, Inc.	Dairy Engineering	Hydro Rocky Mountain
Balfour Beatty	DalTile Corp.	Iconergy
Ball Aerospace & Technologies	DAWSON	IWAPI Inc.
BCER Engineering	Defense Information Systems Agency	IX Power Clean Water
Bechtel Corp.	Denver International Airport	J.R. Butler.
BHP Billiton Petroleum	Denver Water	Johns Manville
Bluco Corp.	Electron Hydro	Kidde Fire Security Systems/UTC
BMT WBM	Elk Horn Construction	Kiewit
Boeing Company	Engineered Solutions, Inc.	Kiewit Mining Group
Bowman Consulting	Epilog Laser	Kiewit Underground Tunneling
Braconier Plumbing and Heating	EV Studio	Kineticorp
Brewista	Exxel Outdoorz	Kurion Inc
BrightLeaf Power	FCI Constructors Inc.	Legacy Mechanical Inc
Brinkmann Constructors	Fellowship of Cath. Univ. Students	Level 3 Communications
Build Group	Flowstate Marketing	Lhoist North America
Bureau of Reclamation	Fluor	Lifeloc Technologies
Burns & McDonnell	Freeport McMoRan	Lockheed Martin
CasedHole Solutions	Frito-Lay	M.E. Group
Cenex Harvest States	GE Aviation	Medtronic
Ceramatec	Genesis Engineering Solutions	Meritech
Children's Hospital Colorado	GH Phipps	Merrick & Company
Churchill Navigation	Gilson Boards	Mesa Labs
CIMA Energy LTD	Gogo Business Aviation	Micron Technology
Civudueb	Google	Mill Creek
Colorado Railroad Museum	Gosslin Construction	MillerCoors
Columbia Helicopters	Graco	MMA Design LLC

Internships for Mechanical Engineering Students (cont'd)

More organizations that graduates in this department reported completing internships with while at Mines included:

MobileDay	Reaction Systems	The Harvest Group
Mountainside Medical	Reno James Engineering	The Williams Company
Mtech Mechanical	RES Americas	Thompson Engineering
NASA - Johnson Space Center	Rhyolite Engineering	Timken Steel
National Institute—Aviation Research	Ricoh	TMK Ipsco
National Instruments	Right Stuff Equipment	TOMRA Sorting Solutions
National Instruments Applied Wave Research	Robots-4-U	TRADOC Analysis Center
	Rockwell Automation	Trane
National Renewable Energy Lab	Schlumberger	Trelleborg Sealing Solutions
Neil's Blasting	Seagate Technology	Trimble Navigation
Nestle Waters North America	Sempra U.S. Gas & Power	Trustile Doors
nVoq	Sierra Nevada Corp.	U.S. Senate
Oceaneering Entertainment Systems	Solar Turbines	Unicircuit Inc.
OHSU Computational Linguistics	Spectranetics	United Launch Alliance
Olin	State Studios	Update International
OpenRite	Steffens and Associates, Inc.	Verdad Oil and Gas
Orbital ATK	Sturgeon Electric	Verizon Wireless
PACCAR	Sundyne Corporation	VorTek Instruments, LLC
Paragon 28	Swisslog Healthcare Solutions	Western States Fire Protection
Pressure Analysis Co.	SynCardia System, Inc.	Western Summit Constructors
Procter and Gamble (P&G)	Tallgrass Energy Partners LP	Woodward Inc.
Proxess	Telesto Solutions	Xcel Energy
Rapid Products		ZACHRY

All Internship Opportunities for Mechanical Engineering Students

Companies who posted internship opportunities in DiggerNet during current reporting year.

AAA WaterProofing	ConocoPhillips	JT3 LLC
AC Golden	Cozy Fox Tours	K2 Audio
Adaptive Innovations	Crescent Point Energy	Keysight Technologies
Air Squared	Cyxtera	LafargeHolcim
Airmada, Inc	Davidson Technologies	Leppert Associates
Alexco Environmental Group	Denver District FDA	Level 3 Communications
American Bureau of Shipping	DLR Group	LGS Innovations
American Civil Constructors	Dohmen Life Science Services	Lhoist North America, Inc.
ARCO National Construction, Inc.	DoraniX, LLC	LINX
AREVA Inc.	E-470 Public Highway Authority	Lockheed Martin
Baker Hughes	Electro Magnetic Applications, Inc.	Magic Carpet Lifts, Inc.
Ball Aerospace & Technologies	ESSMetron	Manson Construction Co.
BHP Billiton Petroleum	ExxonMobil	Martin Marietta Materials
Black & Veatch	Fidelity Investments	McKinstry
Black Hills Corporation	Foro Energy	MEP Engineering, Inc.
BlueStamp Engineering	Gates Corporation	Mesa Laboratories
BP	German Academic Exchange Service	Michigan Paving & Materials
Bristol Site Contractors LLC	GHD Services, Inc	Micro Motion, Inc.
Build Change	Gulfport Energy Corporation	Microsoft Corporation
Build Group, Inc.	Halliburton	MillerCoors
Calpine Corporation	Hess Corporation	MISO Energy
Centerline Solutions	Heuer Labs	MWH Global, Inc.
CEEXEC Inc.	HollyFrontier Corporation	MycoTechnology
CH2M	Hunter Douglas	NASA Ames Research Center
Chaffee Cnty Habitat for Humanity	Hydro Rocky Mountain	NASA Goddard Space Flight Ctr.
Chesapeake Energy Corp.	Idaho National Laboratory	NASA Johnson Space Center
Chevron Corporation	IMERYS	NASA Kennedy Space Center
Chevron Phillips Chemical Company	Institute for Computational Engineering and Sciences	NASA Langley Research Center
CHS, Inc.	Institute for Defense Analyses	National Inst. Science & Technology
Circle Graphics, Inc.	J.R. Simplot Company	National Instruments
City of Englewood	Janus Capital Group	NREL
Coffman & Co.	Jeppesen	NCAR/UCAR
Cogent, Inc.	JF Ahern Co.	Nestle Purina
Colorado Springs Utilities	Johns Manville	Northrop Grumman Corporation
ConMed Electrosurgery	Johan Energy	Nucor Steel

All Internship Opportunities for Mechanical Engineering Students

Companies who posted internship opportunities in DiggerNet during current reporting year (Continued)

nVoq Inc.	RSAE Labs	Traylor Bros., Inc.
ORISE	Sandia National Laboratories	Trimble Navigation LTD
Oasis Petroleum	Schlumberger	Tri-State Generation & Transmission
ORAU	Scot Forge Company	Tronox Alkali
OrthoPets	Seagate	TruStile Doors
OSIsoft, LLC	Sempra U.S. Gas & Power	U.S. Department of Energy
Otter Products	Shell	U.S. Public Health Service
P&G	Silver Bullet Water Treatment	Unicircuit, Inc.
Pacific Northwest National Laboratory	Skanska	United Launch Alliance
Paragon 28	Snelson Companies	University of Oregon
Parker Hannifin	Southwestern Energy	Update International
Pathfinder Systems, Inc.	SpaceX	USC Viterbi School of Engineering
PhySep	SROriginals	Vaisala, Inc.
Pie Consulting & Engineering	Steel Dynamics	Vartega Carbon Fiber Recycling
Pigler Automation.	Summit Materials	Verizon
Pivot Industries Limited	Sundt Construction, Inc.	Vermeer Corporation
Polycom, Inc.	Swisslog	Volkswagen Group of America
Precision Castparts Corporation	Synconess	Whiting Petroleum Corporation
Quest Integrity Group	SynEnergy	Williams Companies
Rebound Technologies	TASC	Woodward, Inc
Reno James Engineering	TEAM - Mines-UNC Partnership	Workday
Ricoh	Tesla Motors	WSP Parsons Brinkerhoff, USA
Rio Tinto	Tesoro Companies	Zimmer Biomet
Rock Hog Drilling Products	ThyssenKrupp	Zion Engineering
Rocky Mountain Laboratories	Trans Pacific Oil	ZipFlyer

Hiring Companies for Mechanical Engineering Students

The 2016-2017 graduates with this degree reported accepting jobs with the following organizations after graduation.

Accepted Positions by Mechanical Engineering BS Graduates			
Organization	Industry	Organization	Industry
Air Quality Design	Manufacturing	Finished Basements	Consult - Construct
American Insurance Group	Other - Finance Business	Flatiron Construction	Consult - Construct
American Lighting	Manufacturing	Frito Lay	Manufacturing
Anvil Corporation	Consult - Construct	General Motors (2)	Automotive
Applied Materials	Manufacturing	Gestamp	Automotive
ARUP	Consult - Construct	Gilbert Engineering	Consult - Construct
Baker Hughes (2)	Oil & Gas	Gilson Boards	Manufacturing
Ball Aerospace (2)	Aero - Defense	Groth Corporation	Manufacturing
BHP Billiton	Oil & Gas	Halker Consulting	Oil & Gas
Bimbo Bakery	Manufacturing	Hensel Phelps	Consult - Construct
Boeing	Aero - Defense	Holland & Hart	Other -Law
BP	Oil & Gas	Honeywell Aerospace	Aero - Defense
Braconier Plumbing/ Heating	Consult - Construct	Hwashin America	Automotive
Bureau of Reclamation	Government - Research	Hydro Rocky Mountain	Consult - Construct
BNSF Railway	Other - Transportation	IMI Precision	Consult - Construct
Burns & McDonnell (2)	Consult - Construct	Intel	Manufacturing
CalPortland	Consult - Construct	J.R. Butler, Inc.	Consult - Construct
Canrig Drilling Technology	Oil & Gas	JDS Hydro	Consult—Construct
CCPI	Manufacturing	Johns Manville	Manufacturing
CFC Construction	Consult - Construct	Johnson Controls	Manufacturing
Charles Schwab	Other - Finance Business	Kansas Dept. Transportation	Government
Cobham Corporate	Aero - Defense	Keyence Corporation	Manufacturing
Colorado Quality Products	Manufacturing	Kiewit (2)	Consult - Construct
Colorado School of Mines	Educ - Acad	Legacy Mechanical Inc.	Consult - Construct
CPI Group	Consult - Construct	Level 3 Communications	IT -Elect. Telecom
DENSO Manufacturing	Manufacturing	Lockheed Martin (7)	Aero - Defense
Epilog Laser	IT - Elect. Telecom	Manson Construction	Consult - Construct
Ethos Distribution	IT -Elect. Telecom	Maxson Engineering	Consult - Construct
EV Studio Architects	Consult - Construct	McKinsey and Company	Other - Finance Business
ExxonMobil (2)	Oil & Gas	ME Group	Consult - Construct

Accepted Positions by Mechanical Engineering BS Graduates (continued)

Meritech	BioEng Medical	Sierra Nevada Corp (3)	Aero - Defense
Modis	IT - Software	SNH Products	Manufacturing
Mtech Mechanical	Consult - Construct	Solar Turbines	Manufacturing
National Concessions Group	Manufacturing	Spectranetics	BioEng Medical
National Instruments	IT -Elect. Telecom	Spectrum Aquatics	Consult - Construct
Navy	Defense	Stinger Ghaffarian Tech	Aero - Defense
Niagara Bottling (2)	Manufacturing	Structural Integrity (2)	Consult - Construct
North, LLC	Consult - Construct	Stryker Medical	BioEng Medical
Olin	IT -Elect. Telecom	Switch	IT - Electronics
Oracle Corporation	IT -Elect. Telecom	SynCardia	BioEng Medical
Orbital ATK (3)	Aero - Defense	Tamaki Control	IT -Elect. Telecom
Orica	Mining	Tesla	Automotive
Osypka	Manufacturing	Tetra Tech	Consult - Construct
Paragon 28	BioEng Medical	The Sensing Company	Aero - Defense
Pearl Harbor Naval Shipyard	Government	Torus Americas	IT -Elect. Telecom
Precision Castparts (2)	Aero - Defense	TRADOC Analysis Center	Government
Principle Energy Services	Oil & Gas	Traylor Bros Inc.	Consult - Construct
Procraft Mechanical (2)	Manufacturing	Trimble (2)	IT Elect. Telecom
Proto Labs	Manufacturing	Tri-Medx	BioEng Medical
Prosess	IT—Electronics	Trustile Doors	Manufacturing - Other
Q3 Contracting	Consult - Construct	U.S. Engineering	Consult - Construct
Rader Engineering	Consult - Construct	United Launch Alliance (3)	Aero - Defense
RGS Energy	Alternative Energy	UTC Aerospace	Aero - Defense
Rhyolite Engineering	Consult - Construct	Valhalla Engineering	Consult - Construct
Rio Tinto	Mining	Vermeer Corporation	Manufacturing
Robert Madden HVAC	Consult - Construct	VorTek Instruments, LLC	Manufacturing
Salsbury Industries	Consult - Construct	Walt Disney Company	Other - Entertainment
Schlumberger	Oil & Gas	Weber Metals	Aero - Defense
Segrity	Consult - Construct	Western Industrial Cont. (2)	Consult - Construct
Select Staffing - XCEL	Utilities	ZAP Engineering	Consult - Construct
Shaffer Baucom Engineering	Consult - Construct	Zion Engineering	Oil & Gas
		Undisclosed	Other - Undisclosed

Hiring Companies for Mechanical Engineering Students Cont.

The 2016-2017 graduates with this degree reported accepting jobs with the following organizations after graduation.

Accepted Positions by Mechanical Engineering MS/PhD Graduates			
Organization	Industry	Organization	Industry
3D Systems	BioEng Medical	Lockheed Martin (4)	Aero - Defense
Adolfson & Peterson Construction	Consult—Construct	Logical Systems	IT—Elect.
Boeing	Aero - Defense	Los Alamos National Lab	Government Research
CardioNXT	BioEng Medical	Medtronic	BioEng Medical
Children's Hospital Colorado	BioEng Medical	Morley Builders	Consult—Construct
Collimare, LLC	BioEng Medical	NREL	Government Research
Colorado School of Mines (2)	Educ.—Academia	Red Rocks Community College	Educ.—Academia
CoxGomyl	Consult—Construct	Roccor, LLC	Manufacturing
GE	Oil & Gas	Sandia National Lab	Government Research
HE&M Saw	Manufacturing	Sierra Nevada	Aero - Defense

This chapter of the Colorado School of Mines Career Center Annual Report includes outcome details for the College of Earth Resource Science and Engineering (CECS), and contains detailed information on outcomes for the academic departments listed below.

Economics and Business

Geology and Geological Engineering

Geophysics

Liberal Arts and International Studies

Mining Engineering

Petroleum Engineering



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Economics & Business Division Report

2016- 2017 Career Center Annual Report

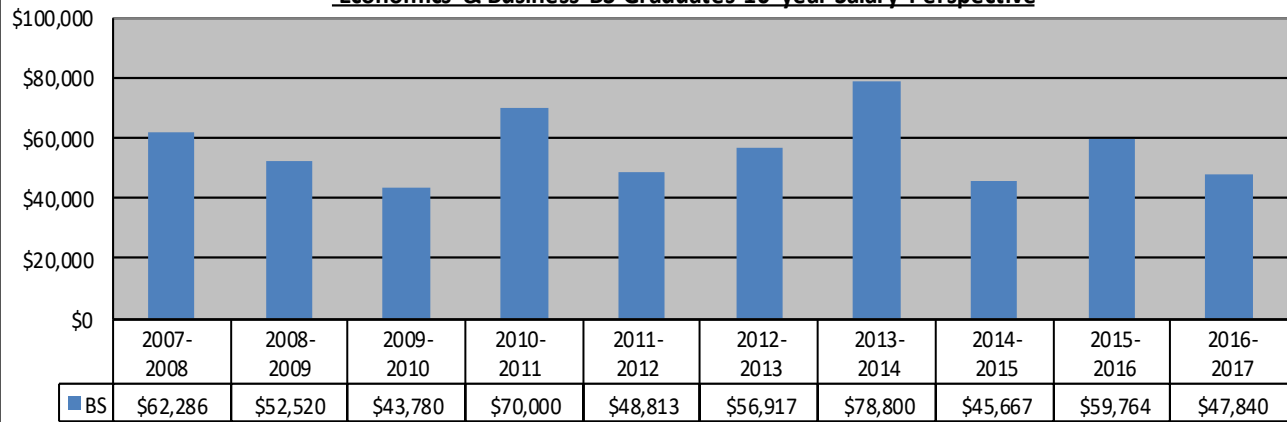
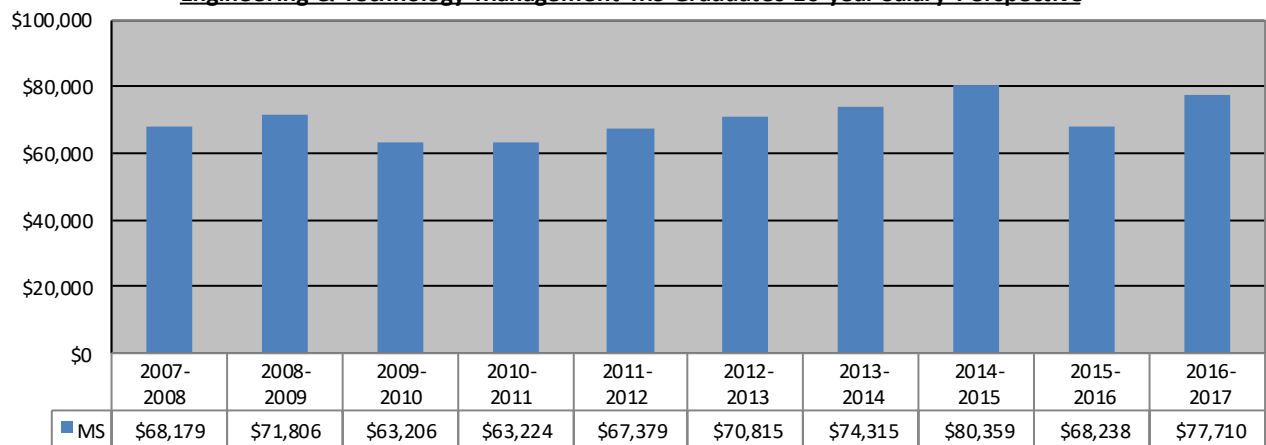
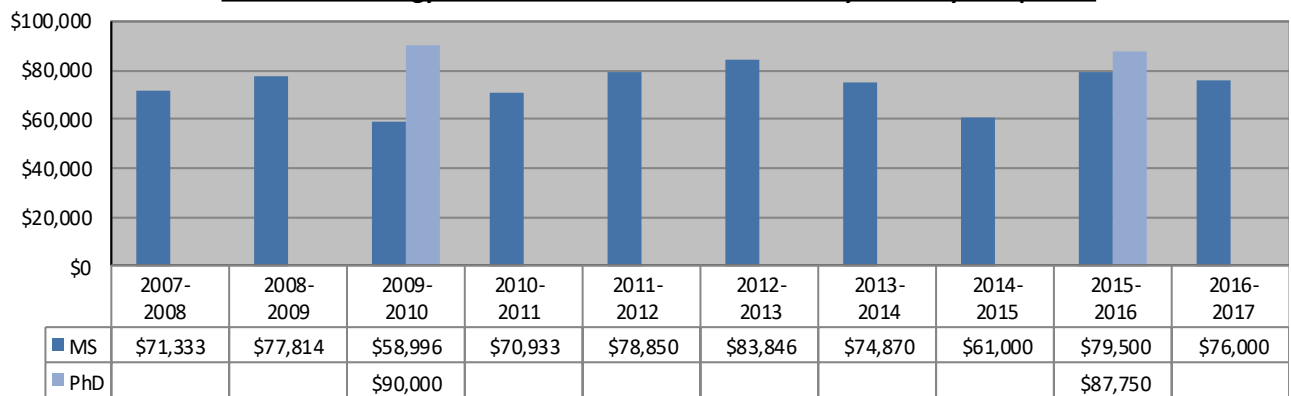
The Economics & Business Division Report for 2016-2017 includes 1) summary data, 2) outcomes and salary perspectives, and 3) internship and full-time hiring information, for the following majors : Economics & Business (EB), Engineering Technology Management (ETM), Mineral and Energy Economics (MEE), and Operations Research (OR).

Economics, ETM, Mineral & Energy Economics, Operations Research Summary

	# Grads	Industry	Military	Grad Sch	Intern'l	Not Looking	Outcomes %	Seeking	* Average Salary Offer
BS – EB	7	4	1	1	0	1	100%	0	\$47,840
MS – ETM	40	28	2	1	2	4	93%	3	\$77,710
MS – MEE	39	14	0	4	15	4	92%	2	\$76,000
PhD – MEE	4	2	0	0	2	0	100%	0	N/A
PhD – OR	5	4	1	0	0	0	100%	0	\$102,667

*N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Detailed Breakdown	Positions Accepted—Industry/Government Summary										Graduate School	
	Aero - Defense	Consult - Construct	Oil & Gas	Utils - Nuclear	Min-ing	Finance - Business	IT - Elect. Telecom	Mfg..	Educ - Acad	Other	CSM	Other
BS – EB	0	0	3	0	0	1	0	0	0	0	1	0
MS – ETM	1	7	3	1	0	6	6	2	0	2	1	0
MS – MEE	0	0	3	1	4	1	1	0	0	0	4	0
PhD – MEE	0	1	0	0	0	0	0	0	1	0	0	0
PhD - OR	0	0	1	1	0	0	1	0	1	0	0	0

Economics & Business BS Graduates 10-year Salary Perspective

Engineering & Technology Management MS Graduates 10-year Salary Perspective

Mineral and Energy Economics MS & PhD Graduates 10-year Salary Perspective


Internships for Economics & Business Division Students

The 2016 - 2017 graduates in this department, including Economics & Business, Engineering & Technology Management, and Mineral & Energy Economics reported completing internships with the following organizations while at Mines:

Alcoa	Mantucket	Steel Exchange India Limited
Baker Hughes	National Renewable Energy Laboratory (NREL)	Uber Technologies
Center for the New Energy Economy	Newmont Mining Corp	Unimin Corporation
Colorado Energy Office	Occidental Petroleum	Vista Sand
Colorado School of Mines	OppenheimerFunds	WESCO
Critical Materials Institute	PDC Energy	Wood Mackenzie
Efficio Consulting	RARE PETRO	World Bank
Great Plains Institute	Resource Capital Funds	World Denver
Inter-American Development Bank (IDB)	S&P Global Platts	Xcel Energy
J&R Well Service	Schlumberger	

Companies who posted internship opportunities in DiggerNet during current reporting year.

3M	E9Data	NASDAQ OMX
ABB	Energetics Incorporated	NewGen Strategies and Solutions
AEM consulting	FTI Consulting	Pala Investments Ltd
Alcatel-Lucent	GE Global Research O&G Tech Ctr	PAR Technology
Analytic Partners	Google, Inc.	Peak Reliability
Anheuser-Busch,	Great Basin Institute	Petrie Partners
Atwell	Gulfstream Aerospace	Pie Consulting & Engineering
Basin Intel	Guzman Energy	Progressive Insurance
Boecore, Inc.	Healthcare Excellence Institute	Quantlab Financial
Calpine Corporation	Hess Corporation	S&P Global Platts (Bentek)
Central Operating Inc	Mantucket Capital	Thomson Reuters
Chevron Corporation	Marx Okubo	Wells Fargo Bank
Citadel	McKinsey & Company	

All Internship Opportunities for Economics & Business Division Students

Companies who posted internship opportunities in DiggerNet during current reporting year.

Alarm.com	Genscape	Mesa Laboratories
Alexco Environmental Group	GHD Services, Inc	Michigan Paving & Materials
Alpenglow Equity	Gulfport Energy Corporation	MillerCoors
Amazon	Halker Consulting LLC	MISO Energy
Aquionix	Hess Corporation	Morgan Stanley
ArcelorMittal	Home Advisor	MWH Global, Inc.
ARCOM Capital LLC	HP	NASA Ames Research Center
Ball Aerospace & Technologies	iCAST	NASA Goddard Space Flight Center
BIT Systems	Idaho National Laboratory	NASA Johnson Space Center
Bloom Energy	IMERYS	NASA Kennedy Space Center
BP	Institute for Defense Analyses	NASA Langley Research Center
CEEXEC Inc.	Institute for Telecommunications	NREL
CH2M	IX Power Clean Water	NCAR/UCAR
Charles Schwab & Co., Inc	Jalisco International, Inc.	Newmont Mining Corporation
Chevron Corporation	Janus Capital Group	NGL Energy Partners LP
City of Colorado Springs	Jefferson County Government	Northwestern Mutual - Downtown
Cogent, Inc.	Jeppesen	Nucor Steel
Colorado Dept. Of Transportation	Johns Manville	ORISE
Credera	Jonah Energy	One Earth Future
Crescent Point Energy U.S. Corp	JT3 LLC	ORAU
Davidson Technologies, Inc.	Keysight Technologies	OrthoPets
Denver District FDA	KPMG LLP	Pala Investments Ltd
Denver Water Department	LafargeHolcim	Pathfinder Systems, Inc.
DISH Network	Level 3 Communications	PDC Energy
DLR Group	LGS Innovations	Platte River Power Authority
DoraniX, LLC	Lhoist North America, Inc.	Progressive Insurance
Electro Magnetic Applications, Inc.	Lockheed Martin	Reno James Engineering
Encana Oil & Gas (USA) Inc.	Magic Carpet Lifts, Inc.	Ricondo & Associates, Inc.
Environmental Defense Fund	Manson Construction Co.	Right Response, LLC.
Fast Enterprises	Mantucket Capital	Rock Hog Drilling Products
Fidelity Investments	Matrix Design Group, Inc.	RSM US LLP
FTI Consulting	McKinstry	S&P Global Platts

All Internship Opportunities for Economics & Business Division Students

Companies who posted internship opportunities in DiggerNet during current reporting year (Continued)

Scot Forge Company	Teacher Education Alliance - Mines-	Vermeer Corporation
Seagate	Tesla Motors	ViaSat, Inc
Shell	The Trust for Public Land	Wakely Consulting Group
Silver Bullet Water Treatment	Travelers	Washington State Dept. of Transpor-
Snelson Companies	Trimble Navigation LTD	Wells Fargo Bank, N.A.
Spectranetics Corporation	Tri-State Generation and Transmis-	Woodward, Inc
SROriginals	Tudor, Pickering, Holt & Co., LLC	Workday
Summit Midstream	Update International Inc	XCEL Energy
Swisslog	Vaisala, Inc.	Zion Engineering, LLC

Hiring Companies for Economics & Business Division Students

The 2016 - 2017 graduates in this department, including Economics & Business, Engineering & Technology Management, and Mineral & Energy Economics reported accepting jobs with the following organizations after graduation.

Accepted Positions by Economics & Business BS Graduates

Organization	Industry	Organization	Industry
Broe Infrastructure	Finance Bus.	RARE Petro	Oil & Gas
Murphy USA	Oil & Gas	Wellsite Services	Oil & Gas

Accepted Positions by Engineering and Technology Management MS Graduates

Organization	Industry	Organization	Industry
Accenture	IT - Elect. Telecomm	Lockheed Martin	Aero - Defense
Air Bespoke (2)	Other - Clothing	MWH/Stantec	Consult - Construct
Barrett Steel Energy Prod.	Manufacturing	Nextworld	IT - Elect. Telecomm
Castle Rock Construction	Consult - Construct	Oasis Petroleum	Oil & Gas
Citrix	Consult - Construct	Oppenheimer Funds (3)	Finance - Business
Devon Energy	Oil & Gas	Production Resource Group	Consult - Construct
Epic System	IT - Elect. Telecomm	RSM US LLP (2)	Finance - Business
Guzman Energy	Finance - Business	Sage Telecom	IT - Elect. Telecomm
Halker Conulting	Consult - Construct	Solar Turbines	Manufacturing
Halliburton	Oil & Gas	Tri-State Generation	Utils – Nuclear
Hazen Research, Inc.	Consult - Construct	United States Coast Guard	Government
Kiewit	Consult - Construct	Welltok	IT - Elect. Telecomm
Kimley-Horn	Consult - Construct		

Accepted Positions by Mineral & Energy Economics MS/PhD Graduates

Organization	Industry	Organization	Industry
AirSquared	IT - Elect. Telecomm	Occidental Petroleum	Oil & Gas
Efficio Consulting	Consulting	S&P Global Platts	Consulting
Federal Reserve Bank KC	Finance - Business	Unimin Corporation	Mining
Hess	Oil & Gas	WESCO	Mining
Intl. Energy Agency	Oil & Gas	Western Interstate Energy	Utils - Nuclear
Newmont (2)	Mining	Wood Mackenzie (2)	Consulting
NW Natural	Consult - Construct	University of Alaska	Educ.– Academia



CAREER CENTER

COLORADO STATE UNIVERSITY MINES

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Geology & Geological Engineering Department Report

2016 - 2017 Career Center Annual Report

The Geology & Geological Engineering Department Report for 2016 -2017 includes 1) summary data, 2) outcomes and salary perspectives, and 3) internship and full-time hiring information, for the following majors: Geological Engineer (GE), Geochemistry (GC), Hydrology (HY).

Geology & Geological Engineering Summary Data

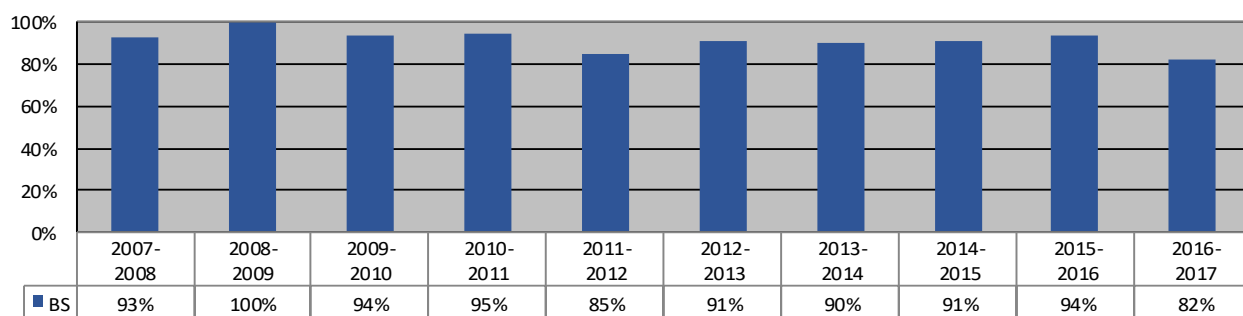
	# Grads	Industry	Military	Grad Sch	Intern'l	Not Looking	Outcomes %	Seeking	Average Salary Offer
BS-GE	28	15	0	7	0	1	82%	5	\$50,299
MS-GE	35	26	0	2	4	0	91%	3	\$88,090
MS-GC	0	0	0	0	0	0	N/A	0	N/A
PhD-GE	4	2	0	0	2	0	100%	0	N/A
PhD-GC	1	1	0	0	0	0	100%	0	N/A
MS - HY	14	11	0	2	0	1	100%	0	\$58,667
PhD—HY	5	5	0	0	0	0	100%	0	\$81,150

*N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

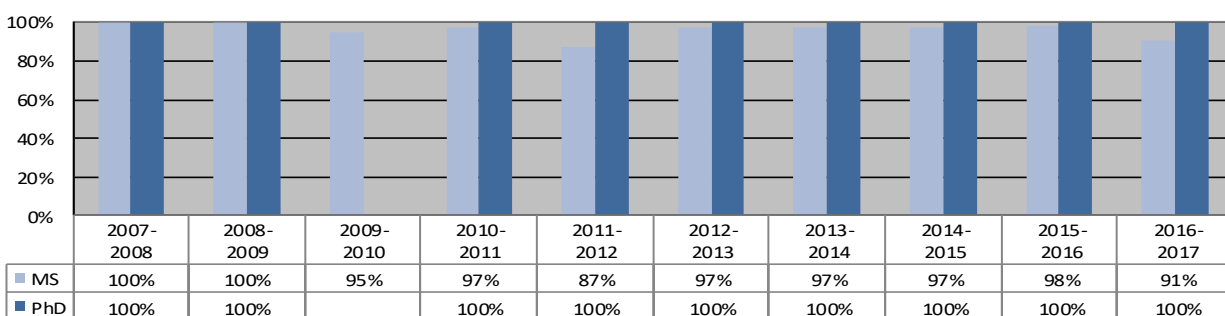
Detailed Breakdown	Positions Accepted—Industry/Government Summary						Graduate School	
	Consulting/Construction	Oil/Gas	Mining	Academia/Research	Other	Gov't	CSM	Other
BS-GE	9	1	3	1	1	0	7	0
MS-GE	9	11	4	1	0	1	2	0
MS-GC	0	0	0	0	0	0	0	0
PhD-GE	1	1	0	0	0	0	0	0
PhD-GC	0	0	0	1	0	0	0	0
MS - HY	6	0	0	1	0	4	2	0
PhD—HY	2	0	0	1	0	2	0	0

Geology & Geological Engineering Department Outcomes Perspective

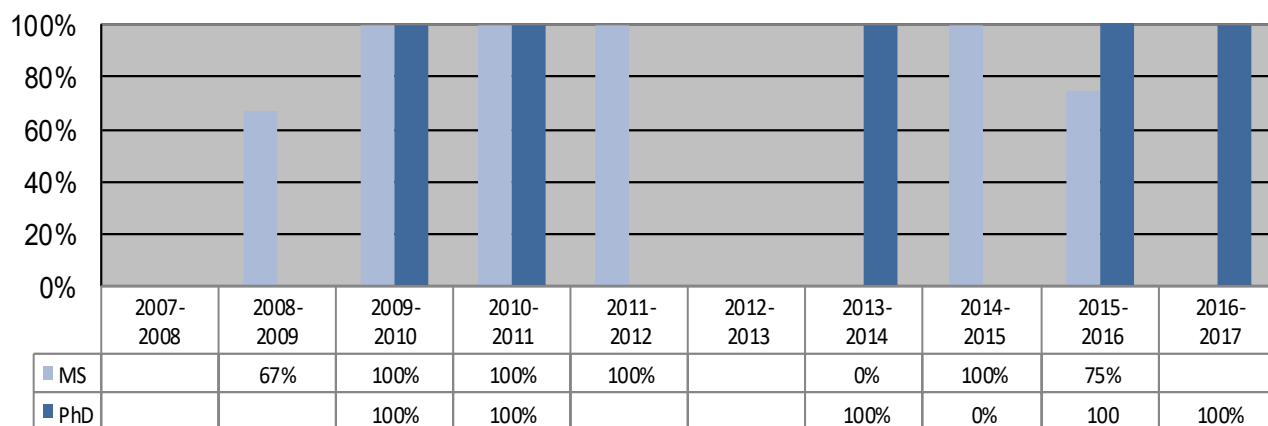
Geological Engineering BS Graduates 10-year Outcomes Perspective



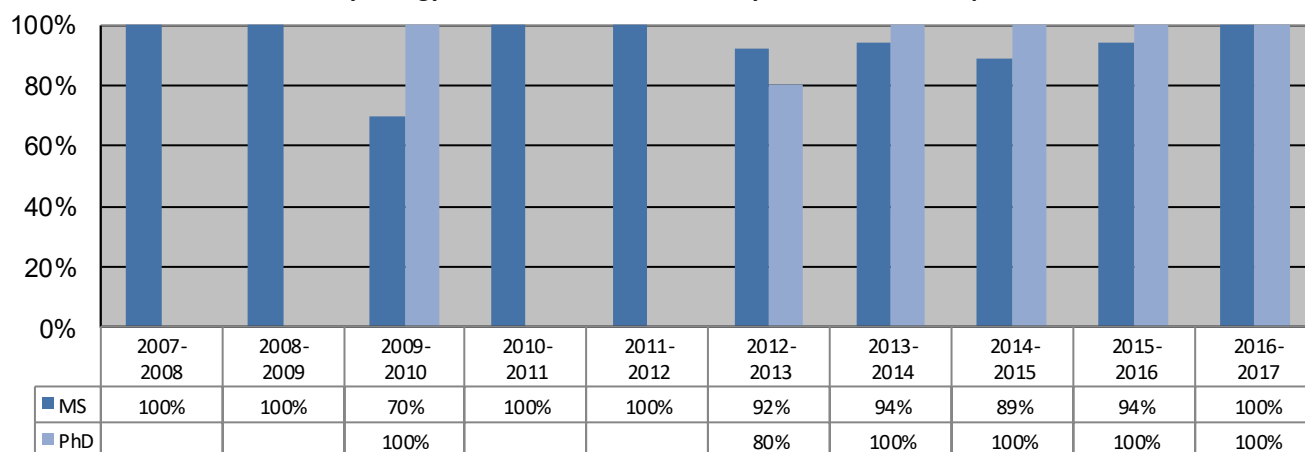
Geology & Geological Engineering MS & PhD Graduates 10-year Outcomes Perspective

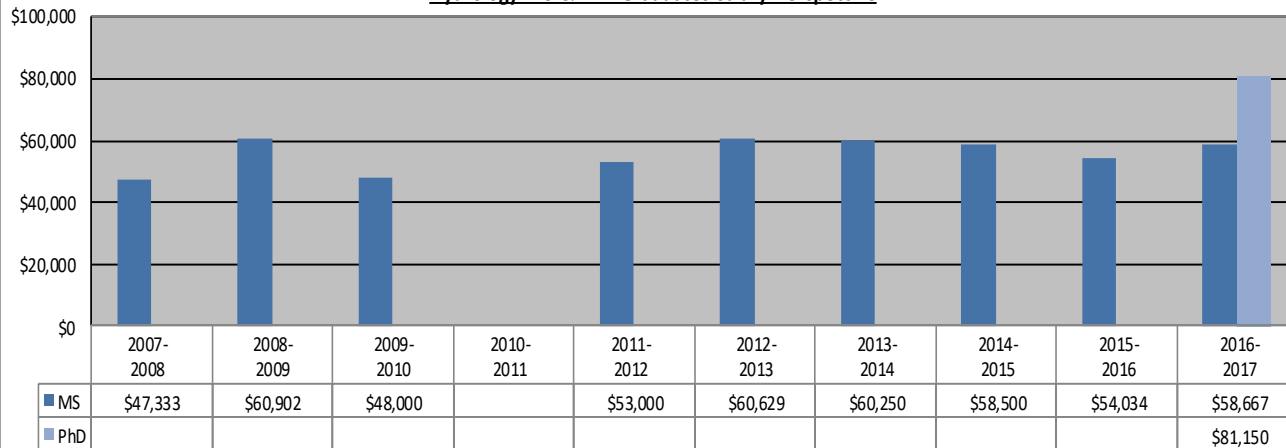


Geochemistry MS & PhD Graduates 10-year Outcomes Perspective



Hydrology MS and PhD Graduates 10-year Outcomes Perspective





Internships for Geology & Geological Engineering Department Students

The 2016 -2017 graduates in this department reported completing internships with the following organizations while at Mines.

Aera Energy	ConocoPhillips	MWH Global
Ameren	CSM Geology Dept.	National Ice Core Laboratory
Apache Corporation	Deere & Ault Consultants	National Renewable Energy Lab
Arcadis	Devon Energy	Newmont Mining Corp
Arizona Minerals Inc.	Encana	Noble Energy
Army Corps of Engineers	Enerplus	Pioneer Natural Resources
Barrick Gold	EOG resources	Project X Corrosion Engineering
Belong Designs	ExxonMobil	QEP Resources
BGC Engineering	FlowState Marketing	Rio Tinto Kennecott Bingham Canyon Mine
BHP Billiton Petroleum	Freeport McMoRan	
Black Hills National Forest Service	Granite Construction	Robbins Company
Blood-Water Mission	GraniteRock	Sakakawea Ventures
BP	Hess Corp.	Schlumberger
Bureau of Land Management	Imerys	Tap Rock Resources
Bureau of Reclamation	IX Power Clean Water	The Robbins Company
Carlota Copper	J.F. Shea Construction	United States Geological Survey
Chevron	Jonah Energy	WesTest
Coeur Mining	Lockheed Martin	White Eagle Exploration
Colorado Geological Survey	Morning Gun Exploration LLC.	WPX Energy
Complete Engineering Services		XTO Energy

All Internship Opportunities for Geology & Geological Engineering Department Students

Companies who posted internship opportunities in DiggerNet during current reporting year.

Alight	German Academic Exchange	National Inst, Science & Technology
BGC Engineering	GHD Services	NCAR/UCAR
BHP Billiton Petroleum Americas	Gulfport Energy Corporation	ORISE
Bishop-Brogden Associates	Halker Consulting	One Earth Future
BP	Hess Corporation	PhySep
BP Lower 48 Onshore	Idaho National Laboratory	Quantum Water Consulting
Braun Intertec	IMERYS	Rio Tinto
Build Change	Institute for Computational Engineering and Sciences	Rock Hog Drilling Products
Bureau of Land Management		Rocky Mountain Nature Association
Calpine Corporation	Jay Dee Contractors	SCI Engineering
CH2M	Jonah Energy	Shell
Chevron Corporation	Leppert Associates	Smart Sand
Colorado Dept. Of Transportation	Lhoist North America, Inc.	Southwestern Energy Company
Crescent Point Energy U.S. Corp	Manson Construction Co.	TEAM - Mines-UNC Partnership
Denver Water Department	Michigan Paving & Materials	The Trust for Public Land
DownUnder GeoSolutions	Mott MacDonald	U.S. Geological Survey (USGS)
EOG Resources	Mount Sopris Instrument Co.	Washington State Dept. Transportation
GeoEngineers	MWH Global	Whiting Petroleum Corporation

Hiring Companies for Geology & Geological Engineering Department Students

The 2016 -2017 graduates in this department reported accepting jobs with the following organizations after graduation.

Accepted Positions by Geology & Geological Engineering BS Graduates			
Organization	Industry	Organization	Industry
Arcadis	Consult - Construct	Newmont	Mining
Belong Designs / FlowState Marketing	Other	Ninyo and Moore	Consult - Construct
Bonanza Exploration	Mining	Rule Engineering	Consult - Construct
CTL Thompson	Consult - Construct	STRIVE -Prep	Educ. - Academia
Deer & Ault Consultants	Consult - Construct	Tap Rock Resources	Oil & Gas
ECS	Consult - Construct	TTL	Consult - Construct
Eurasian Minerals	Mining	VistaGeosciences	Consult - Construct
Graniterock	Consult - Construct		

Accepted Positions by Geology & Geological Engineering MS/PhD Graduates			
Organization	Industry	Organization	Industry
ARD Exploration	Oil & Gas	Kumar and Associates	Consult - Construct
BGC	Consult - Construct	Matador Resources	Oil & Gas
BP	Oil & Gas	Michael W. West Assoc.	Consult - Construct
Coeur Mining	Mining	MWH/Stantec	Consult - Construct
Complete Engineering Svc.	Consult - Construct	NewCastle Gold	Mining
Confluence Resources	Consult - Construct	Newmont	Mining
Contract Consulting	Consult - Construct	Occidental Petroleum (2)	Oil & Gas
Devon Energy	Oil & Gas	Rangefront Geological	Mining
Earth Science Agency	Oil & Gas	Schlumberger	Oil & Gas
Encana Corporation (2)	Oil & Gas	U.S. Dept. Natural Resources	Government
EOG Resources	Oil & Gas	Undisclosed	Consult - Construct
Impac Exploration Services	Consult - Construct	White Eagle Exploration	Oil & Gas
Indiana Univ. Bloomington	Educ.—Academia	Yeh & Associates	Consult - Construct
INPEX Corporation	Oil & Gas		

Geophysics & Geophysical Engineering Department Report

2016 - 2017 Career Center Annual Report

The Geophysics & Geophysical Engineering Department Report for 2016 - 2017 includes 1) summary data, 2) outcomes and salary perspectives, and 3) internship and full-time hiring information.

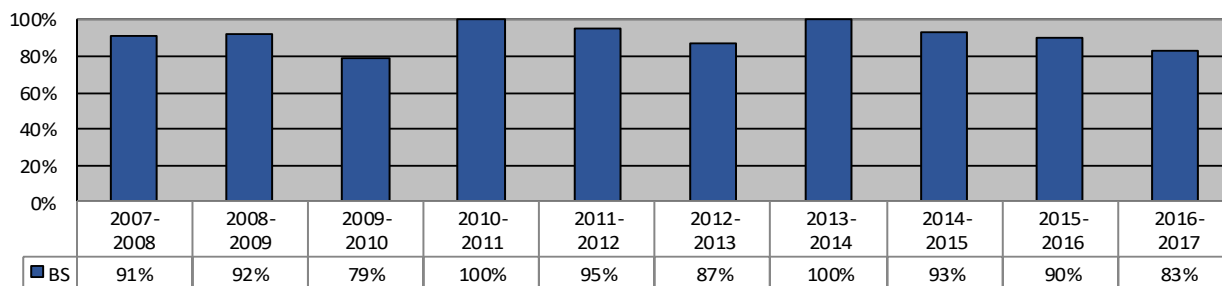
Geophysics & Geophysical Engineering Summary Data

	# Grads	Ind	Mil	Grad Sch	Intern'l	Not Looking	Outcomes %	Seeking	Averag Salary Offer
BS-GP	42	13	1	20	1	0	83%	7	\$61,369
MS-GP	14	8	0	1	5	0	100%	0	\$87,556
PhD-GP	2	2	0	0	0	0	100%	0	\$95,667

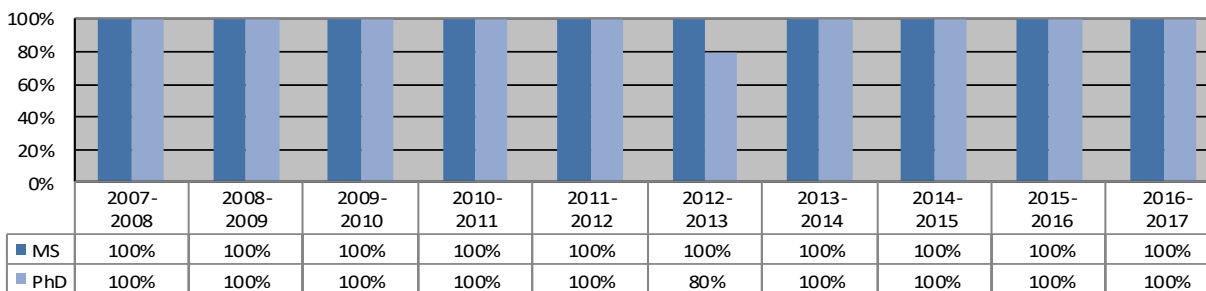
Detailed Breakdown	Positions Accepted—Industry/Government Summary								Graduate School	
	Oil/ Gas	Consult - Construct	Mining	IT	Mfg.	Gov't/ Defense	Academia/ Research	Other	CSM	Other
BS-GP	4	4	0	2	1	2	0	0	12	8
MS-GP	5	1	0	1	0	1	0	0	1	0
PhD-GP	2	0	0	0	0	0	0	0	0	0

Geophysics & Geophysical Engineering Department Outcomes Perspective

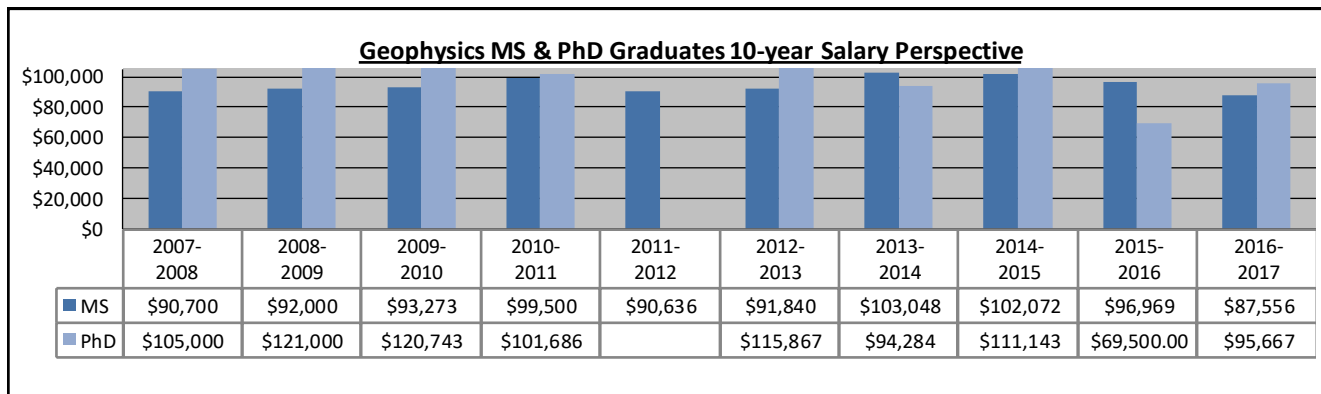
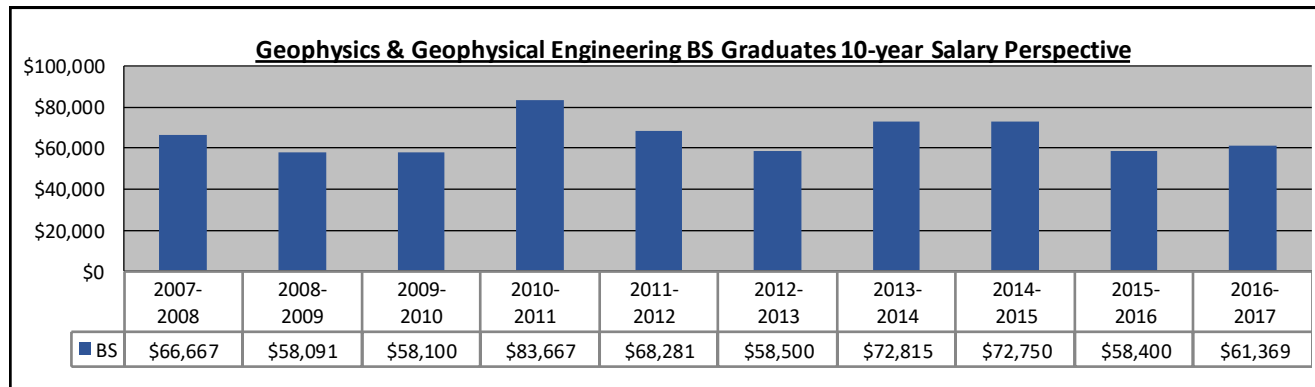
Geophysical Engineering BS Graduates 10-year Outcomes Perspective



Geophysics & Geophysical Engineering MS & PhD Graduates 10-year Outcomes Perspective



Geophysics & Geophysical Engineering Department Salary Perspective



Internships for Geophysics & Geophysical Engineering Students

The 2016-2017 graduates in this department reported completing internships with the following organizations while at Mines.

BP	FracGeo	Southwest Research Institute
Cimarex Energy Co	Halliburton/Landmark Graphics	U.S. Army Corp of Engineers
Colorado Oil and Gas Conservation Commission	Hewlett Packard Enterprise	Unavco
ConocoPhillips	Johnson and Prewit	United States Geological Survey
ConocoPhillips Ctr for Sustainable WE2ST Research	JP Morgan	University of Rhode Island Oceanography
Cooper Thorne and Associates	National Oceanic and Atmospheric Administration	University of Texas
CSM Center for Space Resources	Newmont Mining Corp	USGS: National Earthquake Center
CSM Planetary Geology and Geophysics REU	NUTECH Energy	White River Technologies
Data Corp.	Parsons Corporation	Wintershall Germany
Duke University	REPSOL	Xcel Energy
EDCON-PRJ	Shell	Zonge International

Companies who posted internship opportunities in DiggerNet during current reporting year.

Alight	GHD Services, Inc	Nestle Purina
Atwell, LLC.	Gulfport Energy Corporation	ORISE
BHP Billiton Petroleum Americas	Halker Consulting LLC	One Earth Future
BP	Hess Corporation	Rio Tinto
Calpine Corporation	Hunt Oil Company	Rock Hog Drilling Products
CH2M	Idaho National Laboratory	Rocky Mountain Nature Assoc.
Chevron Corporation	Institute for Computational Engineering and Sciences	SCI Engineering
Colorado Dept. Of Transportation	Leppert Associates	Shell
Crescent Point Energy U.S. Corp	Lhoist North America, Inc.	Southwestern Energy Co
DownUnder GeoSolutions	Michigan Paving & Materials	TEAM - Mines-UNC Partnership
EOG Resources, Inc.	Mount Sopris Instrument Co.	Trimble Navigation LTD
Fermi National Accelerator Lab	MWH Global, Inc.	U.S. Geological Survey (USGS)
FracGeo	NIST	USC Viterbi School of Engineering
German Academic Exchange Service (DAAD)	NCAR/UCAR	Washington State Dept. of Transportation

Hiring Companies for Geophysics & Geophysical Engineering Students

The 2016-2017 graduates in this department reported accepting jobs with the following organizations after graduation.

Accepted Positions by Geophysics & Geophysical Engineering BS Graduates			
Organization	Industry	Organization	Industry
Charter Communications	IT -Elect. Telecom	Lockeed Martin	Aero - Defense
Chevron	Oil & Gas	Parsons	Consult - Construct
EOG Resources	Oil & Gas	Reservoir Group	Oil & Gas
FracGeo	Oil & Gas	Trimble Navigation	IT -Elect. Telecom
GPR Data	Consult - Construct	US Geological Survey	Government
IDS North America	Consult - Construct	White River Technology	Consult - Construct
King County	Government		

Accepted Positions by Geophysics & Geophysical Engineering MS/PhD Graduates			
Organization	Industry	Organization	Industry
BP	Oil & Gas	ExxonMobil	Oil & Gas
CGG Houston	IT -Elect. Telecom	Schlumberger	Oil & Gas
Cimarex Energy Co	Oil & Gas	Shell	Oil & Gas
DEMMETT	Consult - Construct	Spectraseis	Oil & Gas
EDCON-PRJ	Oil & Gas	US Geological Survey	Government

Liberal Arts & International Studies Department Report

2016 - 2017 Career Center Annual Report

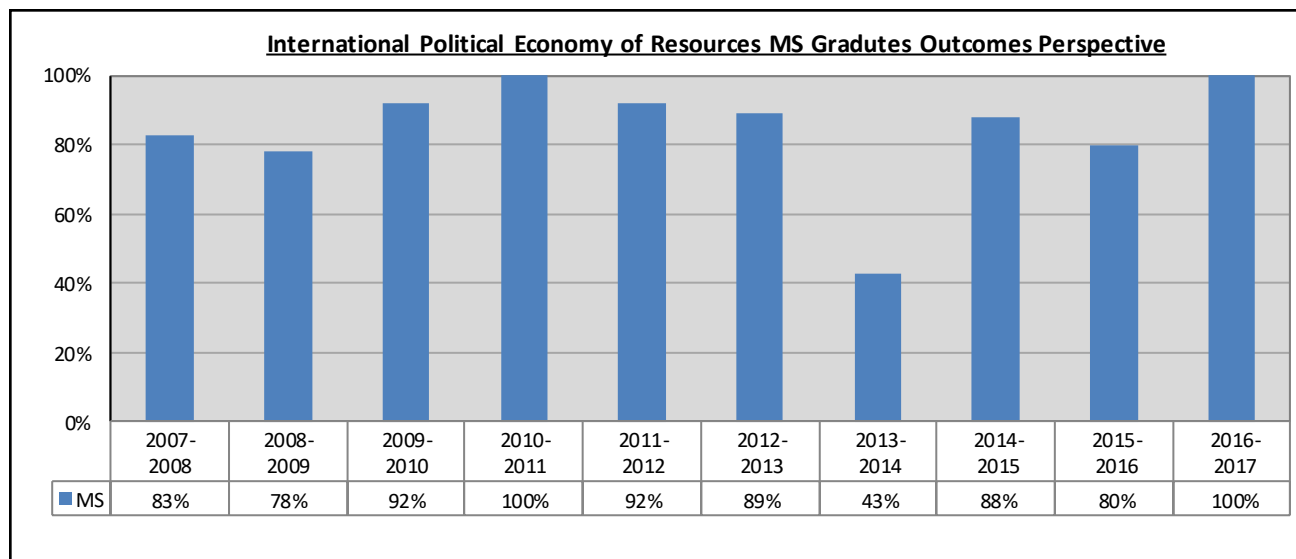
The Liberal Arts and International Studies Department Report for 2016-2017 includes the following: 1) summary data, 2) outcomes, and 3) internship and full-time hiring information for the Master's of International Political Economy of Resources (MIPER) major.

Master of International Political Economy of Resources Summary Data

	# Grads	Industry	Military	Grad Sch	Intern'l	Not Looking	Out-comes %	Seeking	Average Salary Offer
MIPER	2	2	0	0	0	0	100%	0	N/A

*N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Detailed Breakdown	Positions Accepted—Industry/Government Summary				Graduate School	
	Aero / Defense	Consulting	Mining	Oil & Gas	CSM	Other
MIPER	0	2	0	0	0	0



*N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Internships for LAIS Department Students

No 2016-2017 graduates in this program reported completing internships while at Mines.

Companies who posted internship opportunities in DiggerNet during current reporting year.

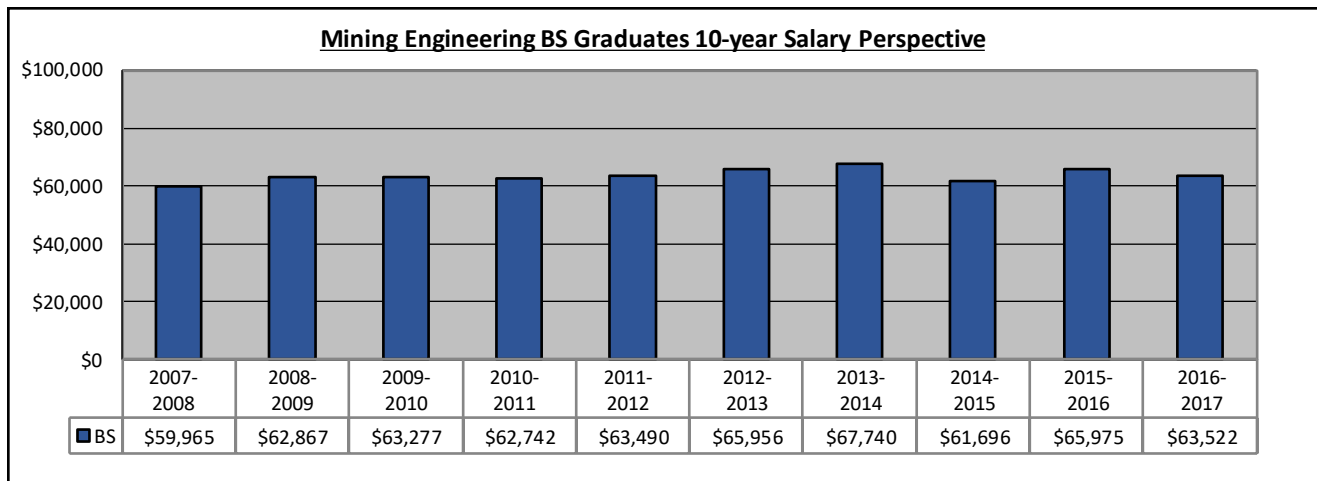
Genscape	Mantucket Capital
iCAST	Newmont Mining Corporation
IX Power Clean Water	Pala Investments Ltd
Janus Capital Group	Shell
Lockheed Martin	ViaSat

Hiring Companies for LAIS Department Students

The 2016 -2017 graduates in this department reported accepting jobs with the following organizations after graduation.

Accepted Positions by International Political Economy of Resources Graduates			
Organization	Industry	Organization	Industry
The Regis Company	Consulting	Magnetic Variation Service	Consulting

Mining Engineering Department Salary Perspective



*There is not enough historical salary data to be reliable for MS or PhD graduates; therefore a graph is not provided.

Internships for Mining Engineering Division Students

The 2016-2017 graduates in this department reported completing internships with the following organizations while at Mines.

Alight Inc.	Cripple Creek & Victor Gold Mining	Newmont Mining Corporation
Arch Coal Thunder Basin	DalTile Corp.	PhySep Components and Services
AXPRO Group (CSM)	Denver Public Works	Signal Peak Energy Coal Mine
Barnard Construction	IX Power Clean Water	SLAC National Accelerator Lab
Barrick Gold Corp	J.F. Shea Construction	SNIM
Bayan Airag	Jay Dee	SRK Consulting
BHP Billiton New Mexico Coal	Judlau Construction	Stillwater Mining
Brannan Construction	Kiewit	THGA Bochum
CalPortland	Lehigh Hanson	U.S. Congress
Colorado School of Mines REU	Lhoist North America	U.S. Geological Survey

Companies who posted internship opportunities in DiggerNet during current reporting year.

Alexco Environmental Group	J.R. Simplot Company	PhySep
Alight	Jay Dee Contractors	Reno James Engineering
Baker Hughes	KGHM	Rio Tinto
BGC Engineering	LafargeHolcim	Rock Hog Drilling Products
Bureau of Land Management	Lhoist North America, Inc.	Shell
CH2M	Martin Marietta Materials	Smart Sand
Colorado Dept. Of Transportation	Michigan Paving & Materials	Summit Materials
Crescent Point Energy	NIST	Sundt Construction, Inc.
Drill Tech Drilling & Shoring Inc.	Newmont Mining Corporation	TEAM - Mines-UNC Partnership
Freeport McMoRan	North American Coal Corporation	TRAPPER MINING INC.
FTI Consulting	One Earth Future	Traylor Bros., Inc.
German Academic Exchange	Pala Investments Ltd	Tronox Alkali
IMERYS		

Hiring Companies for Mining Engineering Department Students

The 2016-2017 graduates in this department reported accepting jobs with the following organizations after graduation.

Accepted Positions by Mining Engineering BS Graduates			
Organization	Industry	Organization	Industry
Alight Inc	Mining	Martin Marietta	Mining
Barnard Construction (5)	Consult - Construct	Michaels Corporation	Consult - Construct
BRS Engineering	Mining	Newmont	Mining
CalPortland Company	Manufacturing	Orica	Mining
Caterpillar (2)	Mining	Primoris Service Corp.	Consult - Construct
Drill Tech	Consult – Construct	Signal Peak Energy	Mining
Freeport McMoRan	Mining	Stillwater Mining Company	Mining
Jay Dee	Consult - Construct	Vulcan Materials Company	Mining
Kiewit (6)	Consult - Construct	Undisclosed	Mining

Accepted Positions by Mining & Earth Systems Engineering MS/PhD Graduates			
Organization	Industry	Organization	Industry
Freeport-McMoRan	Mining	ION Solar	Alt. Energy
Collin Stewart Engineering	Consult - Construct	Jay Dee	Consult - Construct
Colorado Dept of Transp.	Government	Los Alamos Natl Lab	Government
Colorado School of Mines	Educ—Academia	Newmont	Mining
Deswik	Consult - Construct	Rangefront Consulting	Mining
Halliburton	Mining	SRK Consulting	Mining
Imerys	Mining		



CAREER CENTER

COLORADO STATE UNIVERSITY MINES

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Petroleum Engineering Department Report

2016 - 2017 Career Center Annual Report

The Petroleum Engineering Department Report includes 1) summary data, 2) outcomes and salary perspectives, and 3) internship and full-time hiring information.

Petroleum Engineering Summary Data

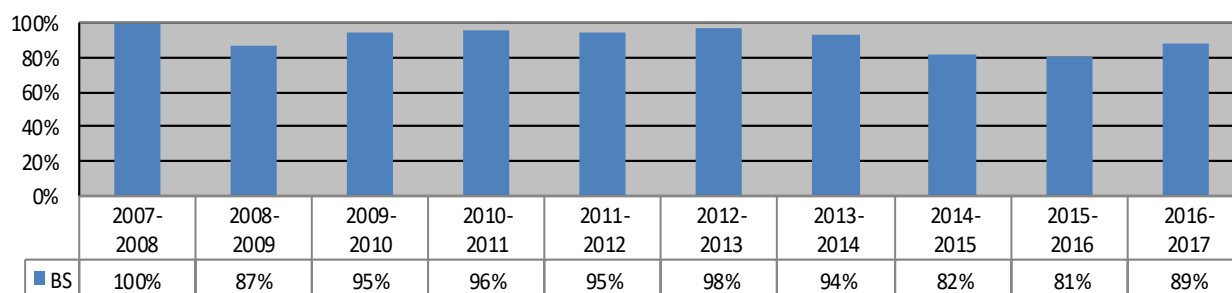
	# Grads	Industry	Military	Grad Sch	Intern'l	Not Looking	Outcomes %	Seeking	Average Salary Offer
BS	189	112	0	21	30	5	89%	21	\$75,863
MS	25	13	0	6	6	0	100%	0	\$88,433
PhD	6	2	0	0	3	1	100%	0	N/A

*N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

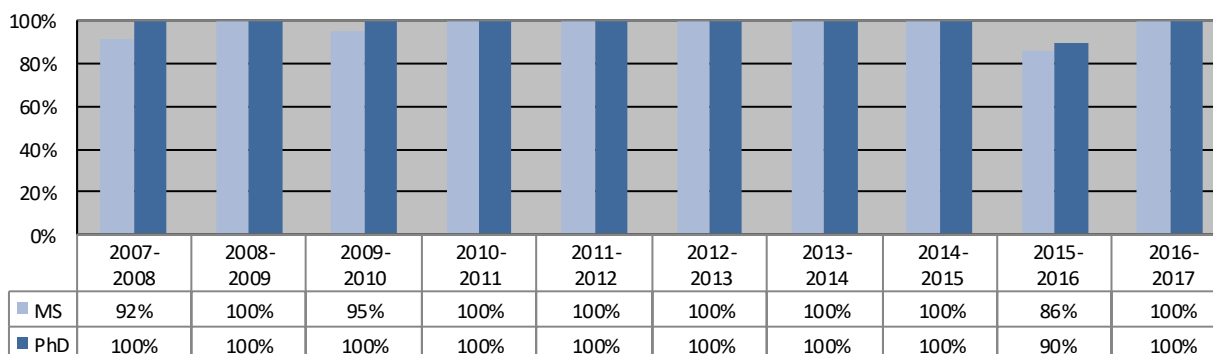
Detailed Break-down	Positions Accepted—Industry/Government Summary									Graduate School	
	Oil / Gas	Consult / Construct	Mining	Mfg.	IT - Elect.	Finance / Business	Aero. / Defense	Gov't.	Other	CSM	Other
BS	92	5	0	7	3	5	0	0	0	16	5
MS	9	0	0	1	1	0	0	2	0	5	1
PhD	2	0	0	0	0	0	0	0	0	0	0

Petroleum Engineering Department Outcomes Perspective

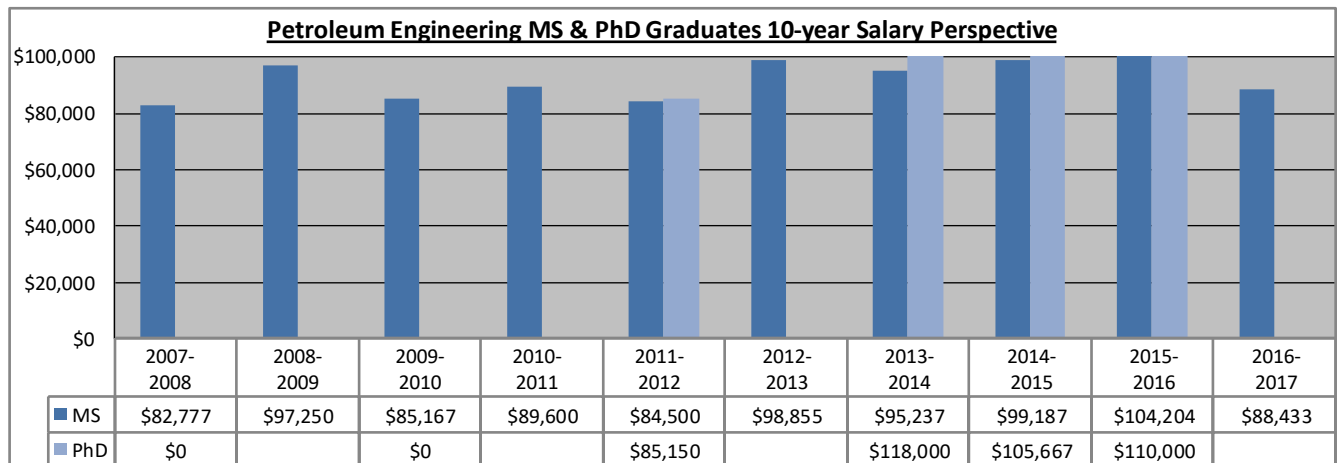
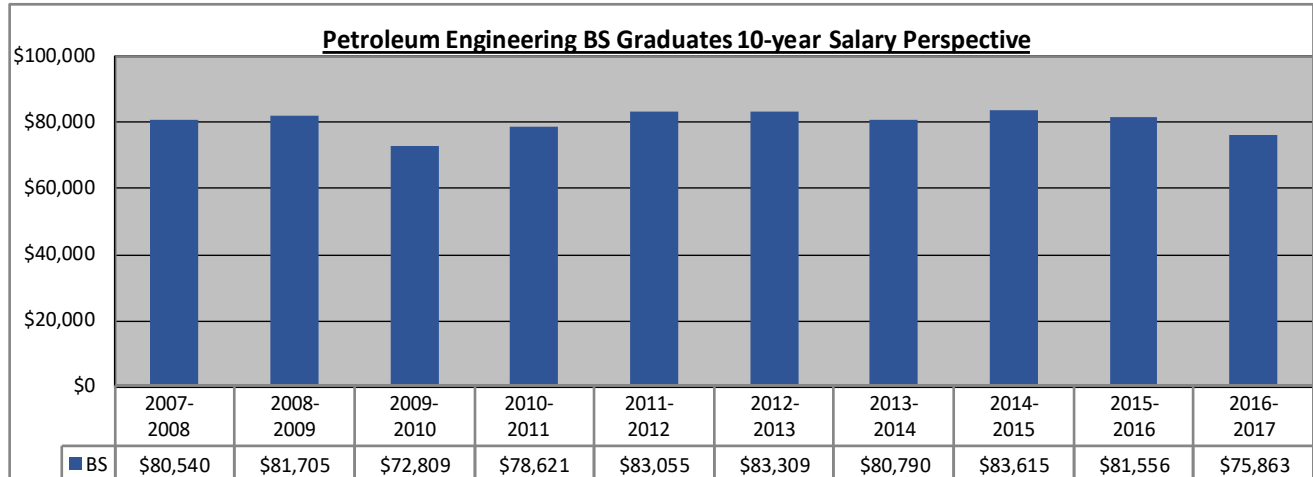
Petroleum Engineering BS Graduates 10-year Outcomes Perspective



Petroleum Engineering MS & PhD Graduates 10-year Outcomes Perspective



Petroleum Engineering Department Salary Perspective



Internships for Petroleum Engineering Students

The 2016-2017 graduates in this department reported completing internships with the following organizations while at Mines.

AB Inbev	EnerVest Operating	Marathon Oil
Air Sciences	Ensco	MarkWest Energy
Anschutz Exploration Corporation	Ensign United States Drilling	McElvain Energy
Antero Resources	EOG Resources	Mesa Completions Services
Apache Corporation	EP Energy	MHA Petroleum Consultants
Aramco Services Company	Exaro Energy LLC	Mi3 petroleum engineering
Arena Energy	Excel Engineering Inc.	National Oilwell Varco
Arrington Oil & Gas	Fifth Creek Energy	Newfield Exploration
Berry Petroleum	Foundation Energy	NITEC LLC
BHP Billiton Petroleum	FourPoint Energy	Noble Energy
Bimbo Bakeries	FractureID	Oasis Petroleum
BlackBrush Oil and Gas	Fuse Energy	Occidental Petroleum Corporation
Bureau of Land Management	GEODynamics	Organic Oil and Gas LLC
Cairn India	GeoSol	Osborn Heirs Company
CBI	GMT Exploration	Packers Plus
Cetco	Halliburton	Patten Caterpillar
Chesapeake Energy	Henry Resources	PDC Energy
Cimarex Energy	Hess Corp.	Peak Oilfield Service Company
Colorado Oil & Gas Conservation Commission	Hilcorp	Petro Edge IV
	Holmes Western Oil Corporation	Petroleum Equipment & Services
Colorado School of Mines, UNGI	Ingenio Carmelita	Polk Mechanical
Continental Resources	Integrated Petroleum Technologies	Private Equity
Crescent Point Energy	Intelliprop	PT OT Merak
CSM Petroleum Department	Jefferson County Road and Bridge	QEP Resources
Cub Creek Energy	Jetta Operating Company	Racca Solutions
Dairy Engineering	Kelley Trucking, Inc.	RARE PETRO
Denbury Resources	Kinder Morgan	Running Foxes Petroleum
Devon Energy	Kleinfelder	Samson Resources
Dolan Integration Group	Lewis Energy Group	Schlumberger
Downhole Innovations	Liberty Oilfield Services	Schlumberger
EcoVapor Recovery Systems, LLC	LINN Energy	Sea Trepid Internation
Encana	Lockheed Martin	Sempra U.S. Gas & Power
Enercat	Magna International	Shell Oil

Internships for Petroleum Engineering Students (cont'd)

More organizations that graduates in this department reported completing internships with while at Mines included:

Shengli Oil Field SINOPEC	Tengizchevroil	Vista Sand
SM Energy	Tri-State Generation & Transmission	Well Data Labs
Southwestern Energy	United Refining Company	Whiting Petroleum
Surtek	US Geological Survey, Oil & Gas Cos.	WHPacific
Tatweer Petroleum	USGS Hazards Team	Wise Services

Companies who posted internship opportunities in DiggerNet during current reporting year.

Baker Hughes	GHD Services	Rock Hog Drilling Products
Ball Aerospace & Technologies	Great Western Oil & Gas	Rocky Mountain Nature Association
BHP Billiton Petroleum	Gulfport Energy Corporation	Rover Petroleum, LLC
BP	Hess Corporation	SandRidge Energy, Inc.
Bureau of Land Management	Hilcorp, LLC	Schlumberger
Calpine Corporation	Hunt Oil Company	Shell
CH2M	Institute for Computational Engineering and Sciences	Smart Sand
Chesapeake Energy Corporation		Southwestern Energy
Chevron Corporation	Jonah Energy	TEAM - Mines-UNC Partnership
Colorado Dept. Of Transportation	Latshaw Drilling	Tesla Motors
ConocoPhillips	Mantucket Capital	The Trust for Public Land
Cotta Controls	NIST	Trans Pacific Oil
Crescent Point Energy U.S. Corp	Nestle Purina	Tri-State Generation & Transmission
CrownQuest Operating	Newfield Exploration	Washington State Dept. of Trans.
Devon Energy Corporation	ORISE	Well Data Labs
Foro Energy	Oasis Petroleum	Whiting Petroleum Corporation
FracGeo	One Earth Future	Williams Companies
German Academic Exchange Service	Reno James Engineering	WPX Energy

Hiring Companies for Petroleum Engineering Students

The 2016-2017 graduates in this department reported accepting jobs with the following organizations after graduation.

Accepted Positions by Petroleum Engineering BS Graduates			
Organization	Industry	Organization	Industry
1874 Energy	Oil & Gas	Keane Group (6)	Oil & Gas
AAIG	Finance - Business	Kinder Morgan	Oil & Gas
Anheuser Busch	Manufacturing	Liberty Oilfield Services (11)	Oil & Gas
Applied Materials	Manufacturing	Marathon Oil Corporation	Oil & Gas
Axia Energy	Oil & Gas	Nalco-Champion	Manufacturing
BHP Billiton (2)	Oil & Gas	Newfield Exploration (4)	Oil & Gas
Bimbo Bakery	Manufacturing	NP Energy Services	Oil & Gas
Black Colt Petroleum	Oil & Gas	Oppenheimer Funds (2)	Finance - Business
Black Eagle Energy Services	Oil & Gas	Occidental Petroleum (Oxy)	Oil & Gas
Burns & McDonnell	Consult - Construct	Pax8	IT -Elect. Telecom
Cimarex Energy	Oil & Gas	PNP Operating	Oil & Gas
Cotta Controls	Consult - Construct	Prototerra Partners	Finance - Business
Covenant Testing Tech. (4)	Oil & Gas	Purple Land Management	Oil & Gas
CrownQuest Operating (3)	Oil & Gas	QEP Resources	Oil & Gas
CST	Oil & Gas	RARE Petro Tech. (3)	Oil & Gas
Cub Creek Energy	Oil & Gas	Rockpile Energy	Oil & Gas
Dart Container Corporation	Manufacturing	Samson Resources	Oil & Gas
Denbury Resources Inc.	Oil & Gas	Samuel Engineering	Consult - Construct
Encana	Oil & Gas	Schlumberger (6)	Oil & Gas
EOG Resources	Oil & Gas	Shell (2)	Oil & Gas
EPIC	IT – Elec. Telecom	SM Energy	Oil & Gas
Four Point Energy	Oil & Gas	SNF Holding	Manufacturing
Foundation Energy	Oil & Gas	Southwestern Energy	Oil & Gas
FracGeo	Oil & Gas	Stratagraph	Oil & Gas
Frito Lay	Manufacturing	TOPS Well Services	Oil & Gas
Fuse Energy	Oil & Gas	Total Direction	Oil & Gas
Gemini Solutions	Oil & Gas	Turner & Townsend	Consult - Construct
Guzman Energy	Finance - Business	Twin Eagle	Oil & Gas
Halliburton (9)	Oil & Gas	Wellsite Services (5)	Oil & Gas
Helmerich & Payne (2)	Oil & Gas	Whiting Petroleum (2)	Oil & Gas
Hess Corporation	Oil & Gas	WPX	Oil & Gas
Inpetro Energy Inc	Oil & Gas	Zayo	IT -Elect. Telecom
J.R. Butler, Inc.	Consult - Construct		

Hiring Companies for Petroleum Engineering Students

The 2016-2017 graduates in this department reported accepting jobs with the following organizations after graduation.

Accepted Positions by Petroleum Engineering MS/PhD Graduates			
Organization	Industry	Organization	Industry
Antero	Oil & Gas	Occidental Petroleum (Oxy)	Oil & Gas
Apache	Oil & Gas	RJ Industrial/Empire Welding	Manufacturing
Aspect Management Corp	Oil & Gas	Schlumberger (2)	Oil & Gas
Consultant - Geologist	Oil & Gas	Shell (2)	Oil & Gas
Encana	Oil & Gas	U.S. Geological Survey (2)	Government Research
OSIsoft	IT- Elect	Well Data Labs	Oil & Gas

This chapter of the Colorado School of Mines Career Center Annual Report includes outcome details for those majors that are interdisciplinary in nature, combining input from several departments within Colorado School of Mines. The graduates receive a Master of Science or Doctor of Philosophy degree from within one of a variety of academic departments.

This chapter contains information for the graduate level interdisciplinary academic programs listed below.

Geochemistry

Hydrological Science & Engineering

Materials Science

Nuclear Science & Engineering

Operations Research

Underground Construction & Tunneling



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Geochemistry Interdisciplinary Degree Report

2016- 2017 Career Center Annual Report

The Geochemistry Degree Report for 2016-2017 includes the following information: 1) summary data, 2) outcomes and 3) internship and full-time hiring information.

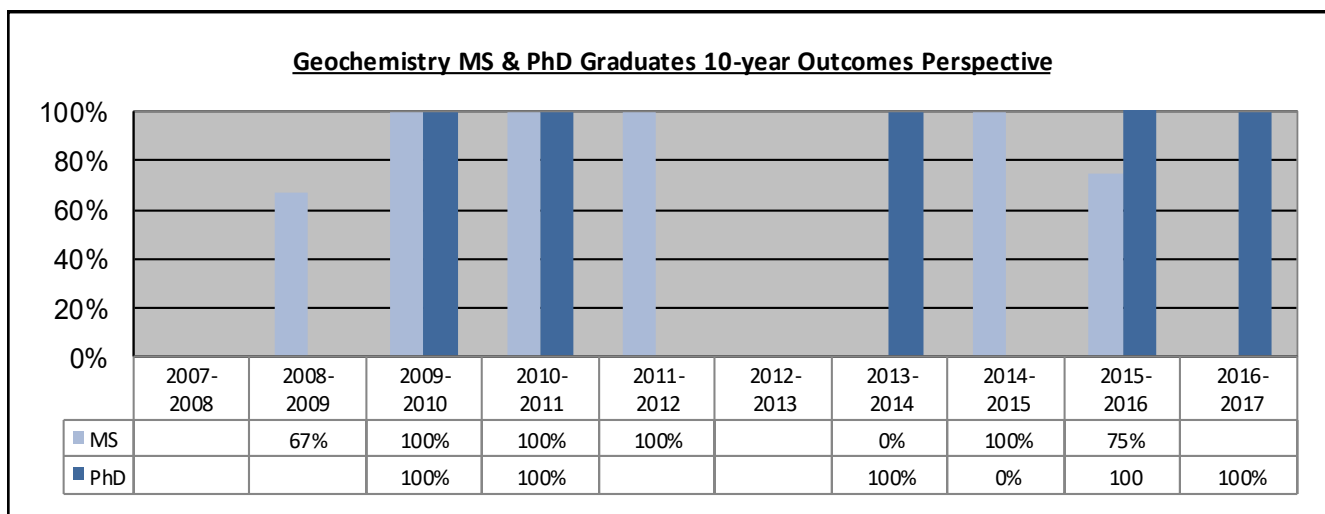
Geochemistry Summary Data

	# Grads	Ind	Gov't	Mil	Grad Sch	Intern'l	Not Looking	Outcomes %	Seeking	Average Salary Offer
MS - GC	0	0	0	0	0	0	0	N/A	0	N/A
PhD - GC	1	1	0	0	0	0	0	100%	0	N/A

*N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Detailed Breakdown	Positions Accepted—Industry/Government Summary				Graduate School	
	Consulting	Gov't	Academia	Other	CSM	Other
MS - GC	0	0	0	0	0	0
PHD-GC	0	0	1	0	0	0

Geochemistry Graduate Outcomes Perspective



There is not enough historical salary data to be reliable for MS and PhD candidates, therefore a salary graph is not provided.

No 2016-2017 graduates in this program reported completing internships while at Mines.

Companies who posted internship opportunities in DiggerNet during current reporting year.

BHP Billiton Petroleum	NCAR/UCAR
Chevron Corporation	ORISE
Gulfport Energy Corporation	Pathfinder Systems, Inc.
Halker Consulting LLC	Rock Hog Drilling Products
Idaho National Laboratory	Shell

Hiring Companies for Geochemistry Students

The 2016-2017 graduates with this degree reported accepting jobs with the following organizations after graduation.

Accepted Positions by Geochemistry MS/PhD Graduates	
Organization	Industry
Colorado School of Mines	Educ. - Academia

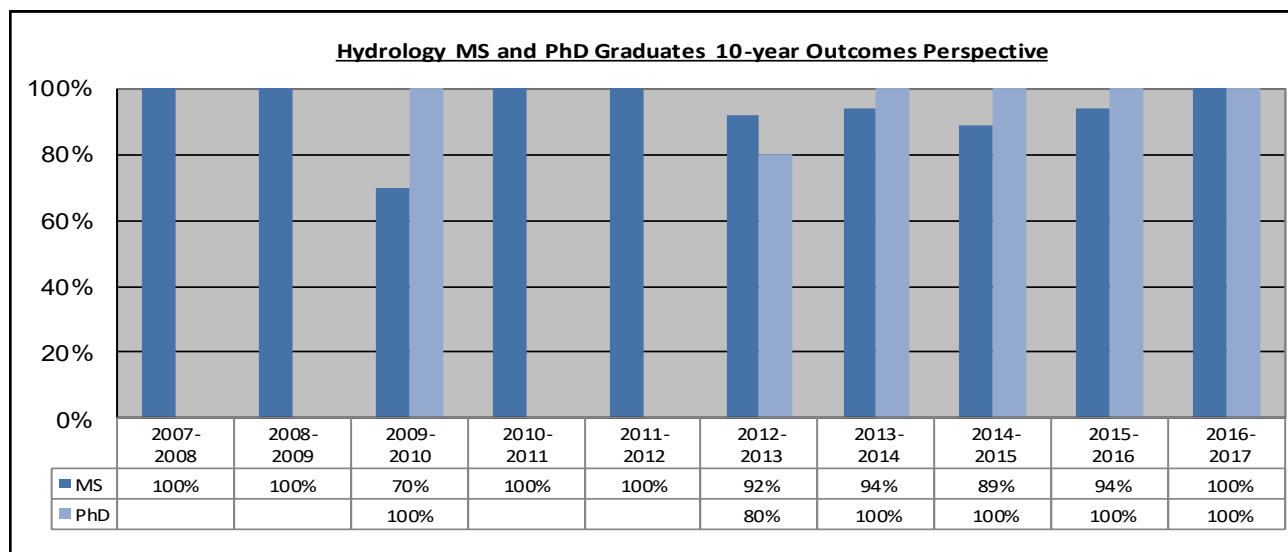
The Hydrology Interdisciplinary Degree Report for 2016-2017 includes the following information: 1) summary data, 2) outcomes and salary perspectives, and 3) internship and full-time hiring information.

Hydrology Summary Data

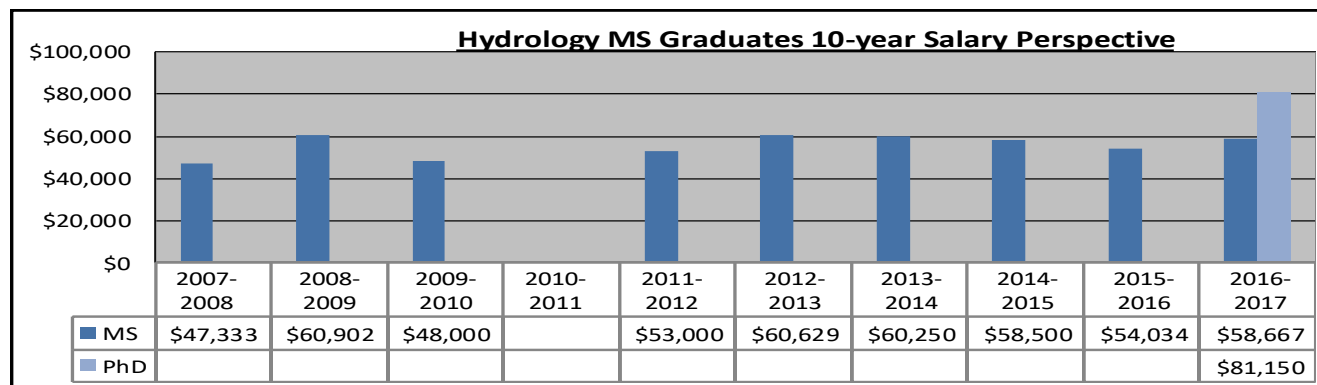
	# Grads	Industry	Military	Grad Sch	Intern'l	Not Looking	Outcomes %	Seeking	Average Salary Offer
MS - HY	14	11	0	2	0	1	100%	0	\$58,667
PhD - HY	5	5	0	0	0	0	100%	0	\$81,150

Detailed Breakdown	Positions Accepted—Industry/Government Summary				Graduate School	
	Consulting	Gov't	Mining	Academia/Research	Mines	Other
MS - HY	6	4	0	1	2	0
PHD-HY	2	2	0	1	0	0

Hydrology Outcomes Perspective



Hydrology Salary Perspective



Internships for Hydrology Students

The 2016-2017 graduates in this department reported completing internships at the following organizations while at Mines.

Chevron	National Center for Atmospheric Research
City and County of Denver	Tri-state Generation and Transmission Inc.
CSM Post Doc Research/Fellow	CSM Underground Construction and Tunneling
Enginuity Engineering Solutions	U.S. Geological Survey
Graniterock	USGS - Colorado Water Science Center
IHS	Vertex Consulting

Companies who posted internship opportunities in DiggerNet during current reporting year.

American Water Works Association	Precision Water Resources Engineering
Bishop-Brogden Associates, Inc.	Rio Tinto
Bureau of Land Management	Rocky Mountain Nature Association
Denver Water Department	Shell
Fermi National Accelerator Lab	U.S. Geological Survey
MWH Global, Inc.	

Hiring Companies for Hydrology Students

The 2016-2017 graduates with this degree reported accepting jobs with the following organizations after graduation.

Accepted Positions by Hydrology MS/PhD Graduates			
Organization	Industry	Organization	Industry
CDM Smith	Consulting	Metropolitan State Univ. of Denver	Educ. - Academia
CH2M	Consulting	Sandia National Lab	Government Research
City of Fort Collins	Government	Swift River Environmental Services	Consulting
CO Dept. Public Health / Env.	Government	Trihydro Corporation	Consulting
Colorado School of Mines	Educ. - Academia	U.S. Bureau of Reclamation (2)	Government
Enginuity Engineering Solution	Consulting	U.S. Department of Agriculture	Government
ERO Resources Corporatin	Consulting	WW Wheeler	Consulting
Itasca	Consulting		

Materials Science Interdisciplinary Degree

2016 - 2017 Career Center Annual Report

The Materials Science Degree Report for 2016-2017 includes the following: 1) summary data, 2) outcomes perspectives, and 3) internship and full-time hiring information.

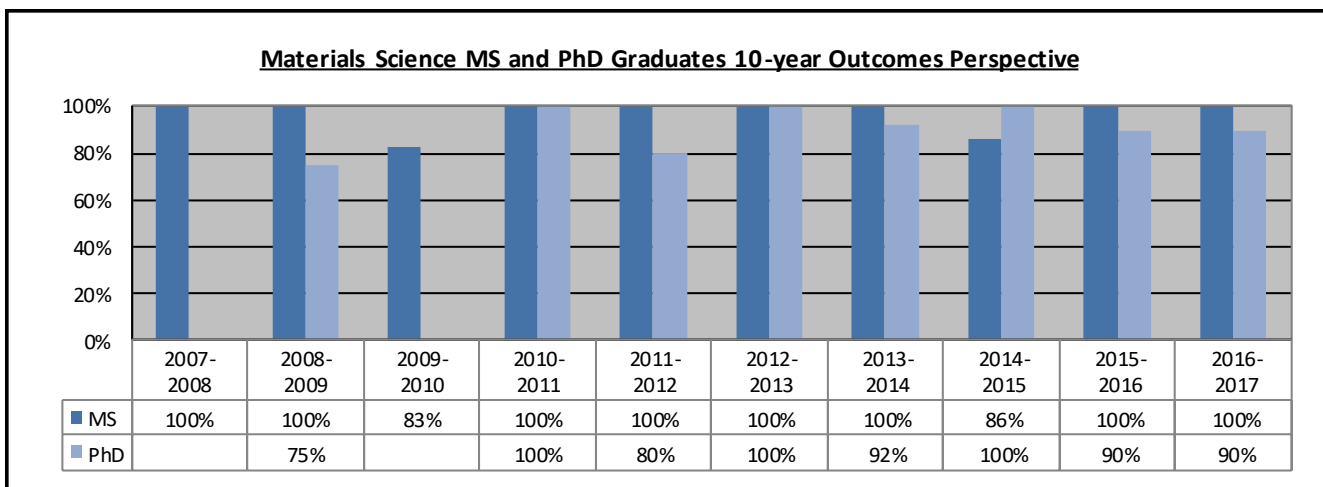
Materials Science Summary Data

	# Grads	Industry	Military	Grad Sch	Intern'l	Not Looking	Outcomes %	Seeking	Average Salary Offer
MS - ML	5	4	0	1	0	0	100%	0	N/A
PhD - ML	7	5	0	0	2	0	100%	0	N/A

* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Detailed Breakdown	Positions Accepted—Industry/Government Summary						Graduate School	
	Mfg	Automotive	Alternative Energy	IT / Electronics	Gov't.	Educ.—Academia Research	CSM	Other
MS - ML	2	0	1	0	1	0	1	0
PhD - ML	1	1	1	0	0	2	0	0

Materials Science Graduate Outcomes Perspective



There is not enough historical salary data for MS or PhD graduates; therefore a graph for salary perspectives is not provided.

Internships for Materials Science Students

The 2016-2017 graduates in this department reported completing internships at the following organizations while at Mines.

Corning Inc.	Reel Solar Inc.
Colorado School of Mines	National Renewable Energy Laboratory (NREL)

Companies who posted internship opportunities in DiggerNet during current reporting year.

Chevron Corporation	Pathfinder Systems, Inc.
Denver District FDA	Precision Castparts Corporation
ExxonMobil	Rio Tinto
Freeport McMoRan	Rock Hog Drilling Products
Gates Corporation	Rocky Mountain Laboratories
Honeywell	Sandia National Laboratories
Idaho National Lab	Scot Forge Company
Institute for Defense Analyses	Shell
Lhoist North America, Inc.	SpaceX
MillerCoors	Special Metals Corporation
NASA Ames Research Center	Steel Dynamics
NASA Goddard Space Flight Ctr.	Tesla Motors
NASA Johnson Space Center	Texas Instruments
NASA Kennedy Space Center	United Launch Alliance
NASA Langley Research Center	Update International Inc
Newmont Mining Corporation	Valero Energy Corporation
Nucor Steel	Woodward, Inc
ORISE	

Hiring Companies for Materials Science Students

The 2016-2017 graduates with this degree reported accepting jobs with the following organizations after graduation.

Accepted Positions by Materials Science MS/PhD Graduates			
Organization	Industry	Organization	Industry
3D Systems	Manufacturing	FCA Fiat Chrysler Automobiles	Automotive
Alt-E Fund	Alternative Energy	Nanyang Technological University	Educ. - Academia
Colorado School of Mines	Educ. - Academia	National Renewable Energy Lab	Government Research
Corning	Manufacturing	REEL Solar	Alternative Energy
Cree	Manufacturing		

Nuclear Science and Engineering Interdisciplinary Degree Report

2016 - 2017 Career Center Annual Report

The Nuclear Engineering Department Report for 2016 - 2017 includes the following: 1) summary data, 2) outcomes and salary perspectives, and 3) internship and full-time hiring information.

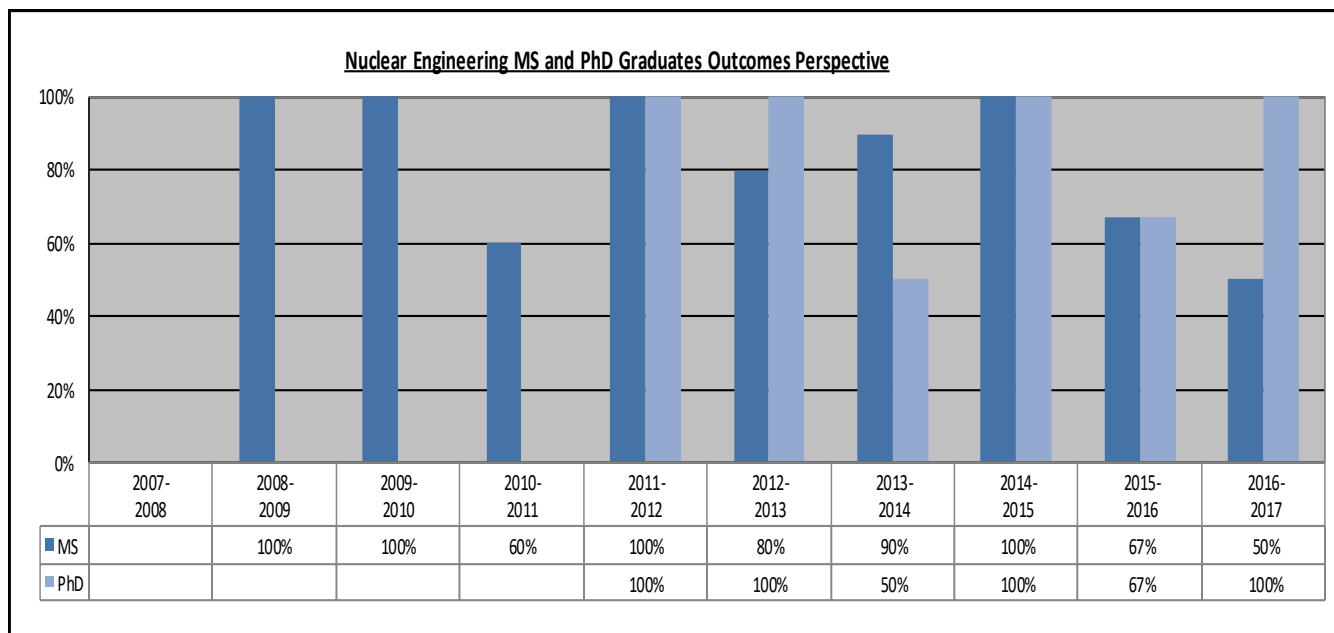
Nuclear Science and Engineering Summary Data

	# Grads	Industry	Military	Grad Sch	Intern'l	Not Look- ing	Outcomes %	Seeking	Average Sala- ry Offer
MS - NU	2	1	0	0	0	0	50%	1	N/A
PhD - NU	1	1	0	0	0	0	100%	0	N/A

* N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Detailed Breakdown	Positions Accepted—Industry/Government Summary				Graduate School	
	Utilities / Nuclear	Aerospace / Defense	Government	Research	CSM	Other
MS - NU	0	0	1	0	0	0
PhD - NU	0	0	1	0	0	0

Nuclear Engineering Department Outcomes Perspective



Nuclear Engineering Department Salary Perspective *

There is not enough historical salary data to be reliable for these graduates; therefore a graph is not provided.

Internships for Nuclear Engineering Division Students

The 2016-2017 graduates in this department reported completing internships with the following organizations while at Mines.

Idaho National Laboratory	Colorado School of Mines
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Companies who posted internship opportunities in DiggerNet during current reporting year.

AREVA Inc.	Nestle Purina
CH2M	Pacific Northwest National Laboratory
Colorado Dept. Of Transportation	Reno James Engineering
Crescent Point Energy U.S. Corp	Shell
Idaho National Laboratory	

Hiring Companies for Nuclear Science and Engineering Students

The 2016 - 2017 graduates with this degree reported accepting jobs with the following organizations after graduation.

Accepted Positions by Nuclear Science and Engineering MS/PhD Graduates	
Organization	Industry
National Nuclear Security Administration	Government Research
Pearl Harbor Naval Shipyard	Government - Defense

Operations Research Interdisciplinary Degree Report

2016- 2017 Career Center Annual Report

The Operations Research Interdisciplinary Degree Report for 2016-2017 includes 1) summary data, 2) outcomes perspectives, and 3) internship and full-time hiring information.

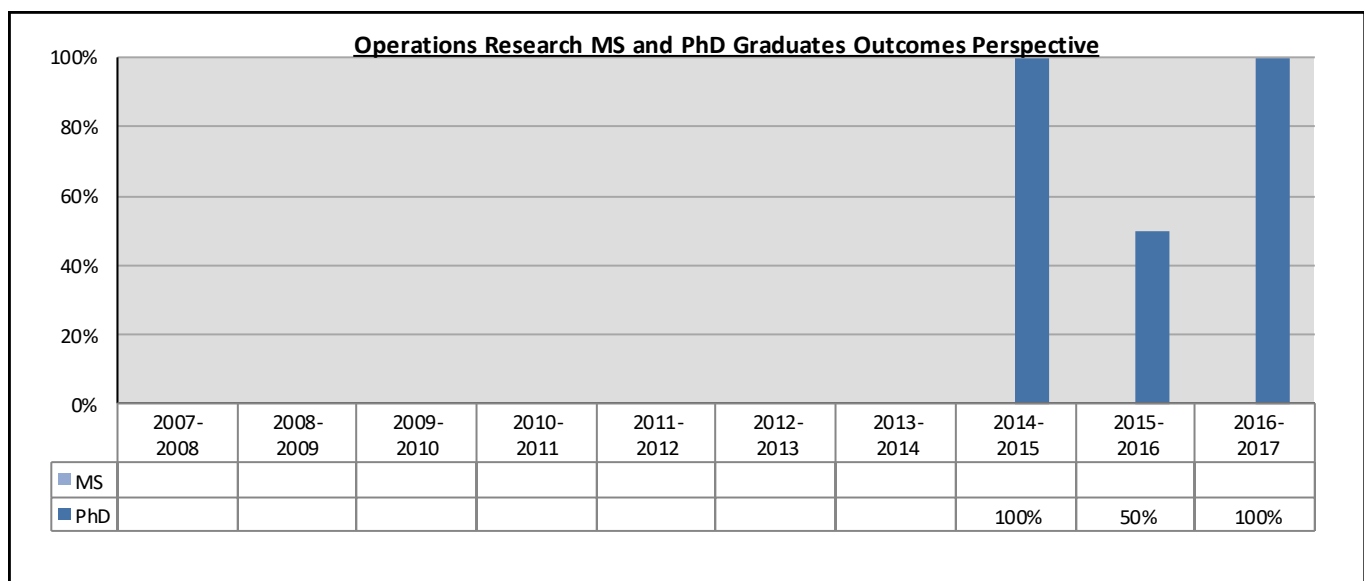
Operations Research Summary Data

	# Grads	Ind	Mil	Grad Sch	Intern'l	Not Looking	Outcomes %	Seeking	Average Salary Offer
MS - OR	0	0	0	0	0	0	N/A	0	N/A
PhD - OR	5	4	1	0	0	0	100%	0	\$102,667

*N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Detailed Breakdown	Positions Accepted—Industry/Government Summary					Graduate School	
	Oil & Gas	Utilities	Gov't / Military	Academia	IT/Software	CSM	Other
MS - OR	0	0	0	0	0	0	0
PhD - OR	1	1	0	1	1	0	0

Operations Research Outcomes Perspective



There is not enough historical salary data to be reliable for MS or PhD graduates, therefore a graph for salary outcomes is not provided.

Internships for Operations Research

Graduates in this department reported completing internships with the following organizations while at Mines.

Mercury Intelligence Systems	Xcel Energy
National Renewable Energy Laboratory (NREL)	Ponderosa Advisors

Companies who posted internship opportunities in DiggerNet during current reporting year.

Ball Aerospace & Technologies Corp.	Metro Wastewater Reclamation District
Chevron Corporation	MillerCoors
DISH Network	ORAU
Institute for Defense Analyses	Ricondo & Associates, Inc.
Janus Capital Group	Rock Hog Drilling Products
Jeppesen	Shell
LafargeHolcim	U.S. Geological Survey (USGS)

Hiring Companies for Operations Research Students

The 2016-2017 graduates with this degree reported accepting jobs with the following organizations after graduation.

Accepted Positions by Operations Research PhD Graduates	
Organization	Industry
Colorado School of Mines	Educ.—Academia
Drillinginfo	Oil & Gas
PEGRight Inc.	IT—Software
Xcel Energy	Utilities

Underground Construction & Tunneling Interdisciplinary Degree Report

2016- 2017 Career Center Annual Report

Colorado School of Mines offers the only degrees in Underground Construction & Tunneling at the graduate level in North America. The Underground Construction & Tunneling Interdisciplinary Department Report for 2016-2017 includes: 1) summary data, 2) outcomes and salary perspectives, and 3) internship and full-time hiring information for this major.

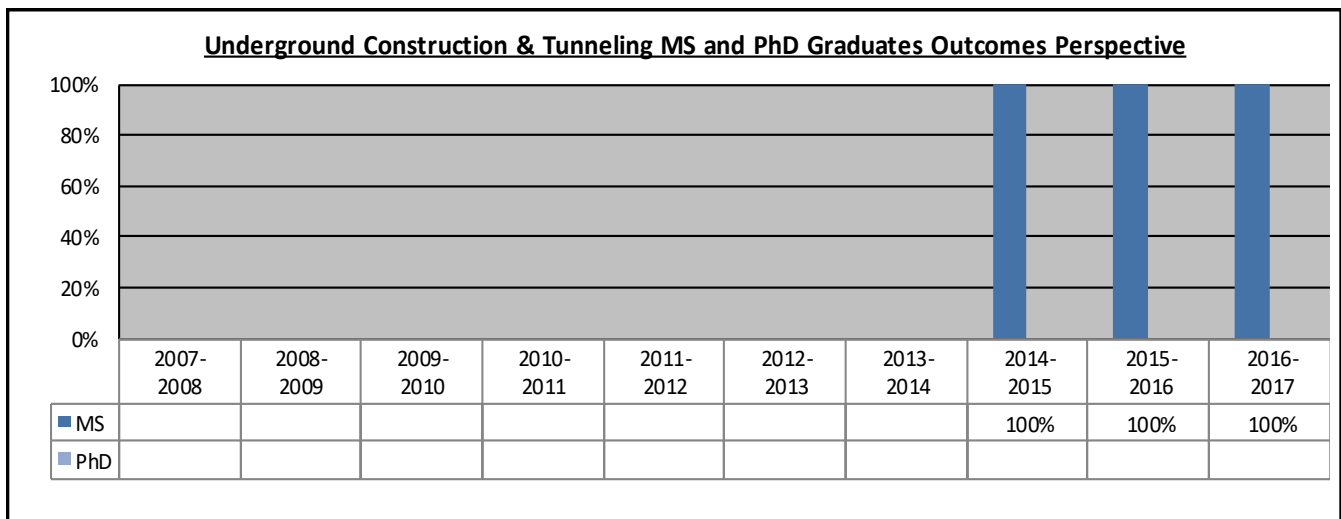
Underground Construction & Tunneling Summary Data

	# Grads	Ind	Mil	Grad Sch	Intern'l	Not Looking	Outcomes %	Seeking	Average Salary Offer
MS - UT	3	2	0	1	0	0	100%	0	N/A
PhD - UT	0	0	0	0	0	0	N/A	0	N/A

*N/A implies that limited offers were reported; a reasonable average that maintains confidentiality for graduates is not available.

Detailed Breakdown	Positions Accepted—Industry/Government Summary				Graduate School	
	Consulting - Construction	Gov't / Military	Academia	Other	CSM	Other
MS - UT	2	0	0	0	1	0
PhD - UT	0	0	0	0	0	0

Underground Construction & Tunneling Outcomes Perspective



There is not enough historical salary data to be reliable for graduates; therefore a graph is not provided.

Internships for Underground Construction & Tunneling

The 2016-2017 graduates in this program reported completing internships at the following organizations while at Mines.

Minnesota Department of Transportation	Mott MacDonald
Parsons Construction Group	HNTB

Companies who posted internship opportunities in DiggerNet during current reporting year.

CH2M	Jay Dee Contractors
Chaffee County Habitat for Humanity	Mott MacDonald
Chevron Corporation	Rock Hog Drilling Products
City of Englewood	Shell
Drill Tech Drilling & Shoring Inc.	Traylor Bros., Inc.
German Academic Exchange Service (DAAD)	Washington State Department of Transportation

Hiring Companies for Underground Construction & Tunneling Students

The 2016-2017 graduates with this degree reported accepting jobs with the following organizations after graduation.

Accepted Positions by Underground Construction & Tunneling MS Graduates			
Organization	Industry	Organization	Industry
Cornforth Consultants	Consulting - Construction	Traylor Brothers	Consulting - Construction