## Fall 16

## Institutional Overview of the Colorado School of Mines



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COLOR ADO SCHOOLOF M I NES

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## History

In 1873, Mines opened under the auspices of the Episcopal Church. In 1874 the School of Mines became a territorial institution and has been a state institution since 1876 when Colorado attained statehood. The first formal commencement for two graduates was held in 1883. Courses offered to students during the early years of Colorado School of Mines included chemistry, metallurgy, mineralogy, mining engineering, geology, botany, math and drawing. The focus of the early academic programs was on gold and silver and the assaying of those minerals. As the institution grew, its mission expanded to focus specifically on understanding the Earth, harnessing energy and sustaining the environment. In the mid twentieth century Mines became known for its strong ties to the extractive earth science industries and the positive impact of its graduates on these industries.

## Facts

- Mines has a student body of approximately 5,793 (4,566 undergraduates 1227 graduate students, and 227 undecided or non-degree seekers), a student-tofaculty ratio of $14.8: 1$, and an average undergraduate class size of 34 students.
- Entering freshmen have an average ACT score of 30 and most rank in the top 10 percent of their high school graduating class. The average GRE Quant score for graduate students is 159.
- Mines ranked first engineering school in USA TODAY College's "The top 10 engineering colleges in the U.S."
- Mines ranked first in public university in the state, \#53 in nation by The Business Journals.
- Mines ranked first public school in the state for best value colleges (average starting salary for graduates: $\$ 66,700$ ), and second in the nation by New Yorkbased Smart Asset.
- Mines ranked seventh in Brookings' 'value-added' college rankings.
- Mines ranked $22^{\text {nd }}$ in the 2014-2015 Learfield Sports Directors Cup by the National Association of Collegiate Directors of Athletics.
- Mines ranked 29 ${ }^{\text {th }}$ in U.S. News and World Report's Top Public Schools in "2015 Best Colleges." Mines also ranked $41^{\text {st }}$ in Best Engineering Programs (where the highest degree is a doctorate), $56^{\text {th }}$ for graduate schools in Best Engineering Schools, and $75^{\text {th }}$ for Best National Universities.
- Mines has 180 student organizations, including the country's largest student chapter of the Society of Women Engineers.
- Mines has 18 intercollegiate athletic teams that compete in NCAA Division II.
- Mines is home to the $\$ 9$ million National Science Foundation funded Renewable Energy Materials Research Science and Engineering Center - a strategic partnership with the National Renewable Energy Laboratory, the University of New South Wales and Imperial College London.
- In 2014, Mines received awards totaling more than $\$ 63$ million with nearly half funded by private industry.
- Undergraduate tuition and fees for 2016-17 is \$15,690 for residents and $\$ 34,020$ for non-residents (14 credits per semester load).


## Mines Today

The Colorado School of Mines' mission statement is "Education and research in engineering and science to solve the world's challenges related to the earth, energy and the environment."

Mines has the highest admission standards of any public university in Colorado and among the highest of any public university in the nation. Mines awards baccalaureate degrees in the following programs:

Applied Mathematics and Statistics
Chemical and Biochemical Engineering
Chemical Engineering
Chemistry
Civil Engineering
Computer Science
Economics
Electrical Engineering

Mechanical Engineering
Physics
Environmental Engineering
Geological Engineering
Geophysical Engineering
Metallurgical/Materials Engineering Mining Engineering Petroleum Engineering

Of the 979 baccalaureate graduates in 2015-2016, $36 \%$ were in the geological, mining, petroleum, economics and business, and geophysical engineering programs, $24 \%$ were in the metallurgical and materials, chemical and biological engineering, physics and chemistry programs, the remaining 40\% were awarded in the civil, electrical, mechanical and environmental engineering, math and statistics, and computer science programs.

This dichotomy between specificity of mission in legacy areas and the flux of a significant number of undergraduate students to other programs has been an issue at Mines for at least two decades. This, in part, prompted the institution to undertake a significant academic reorganization in order to: 1) produce organizational units that produce distinction for our degrees and 2) deploy faculty in a way that addressed long-standing structural imbalances.

In Spring 2011, at the direction of the Provost, the leadership and faculty began discussing the need for and advantages of realigning their administrative structures. With faculty input, Mines developed a reorganizational plan that resulted in the creation of three colleges:

- College of Engineering and Computational Sciences (CECS)
- College of Applied Science and Engineering (CASE)
- College of Earth Resource Sciences and Engineering (CERSE)


## Institutional Data of Colorado School of Mines

## Faculty Profile

At the start of the 2015-2016 academic year, the Colorado School of Mines (CSM) tenure/tenure-track (T/TT), teaching faculty (TF), visiting faculty (LTE), and transitional faculty totals $\mathbf{2 9 8 . 5 3}$ full-time equivalent faculty and is composed of $\mathbf{2 7 . 8 \%}$ female faculty and $\mathbf{7 2 . 2 \%}$ male faculty. Nearly one-fifth (19.23\%) of the faculty have been hired in the last three years and $27.8 \%$ have been at CSM for more that 16 years.

Full-time equivalent faculty: 2014-2015

| Colleges | T/TT | TF | LTE | Transitional | Total FTE |
| :--- | :---: | :---: | :---: | :---: | :---: |
| College of Engineering and <br> Computational Sciences (CECS) | 70 | 29.4 |  | 2 | $\mathbf{1 0 1 . 4}$ |
| College of Applied Science and <br> Engineering (CASE) | 65 | 19.5 |  | 3.8 | $\mathbf{8 8 . 3}$ |
| College of Earth Resource Sciences <br> and Engineering (CERSE) | 71.2 | 21 | 1 | 3 | $\mathbf{9 6 . 2}$ |
| CSM TOTAL | $\mathbf{2 0 6 . 2}$ | $\mathbf{6 9 . 9}$ | $\mathbf{1}$ | $\mathbf{8 . 8}$ | $\mathbf{2 8 5 . 9}$ |

Full-time equivalent faculty: 2015-2016

| Colleges | T/TT | TF | LTE | Transitional | Total FTE |
| :--- | :---: | :---: | :---: | :---: | :---: |
| College of Engineering and <br> Computational Sciences (CECS) | 72.5 | 32.45 | 2.5 | $\mathbf{1 0 7 . 4 5}$ |  |
| College of Applied Science and <br> Engineering (CASE) | 65 | 20 | 1.75 | $\mathbf{8 6 . 7 5}$ |  |
| College of Earth Resource Sciences <br> and Engineering (CERSE) | 68 | 25 | 3 | $\mathbf{9 6}$ |  |
| CSM TOTAL | $\mathbf{2 0 5 . 5}$ | $\mathbf{7 7 . 4 5}$ | $\mathbf{7 . 2 5}$ | $\mathbf{2 9 0 . 2}$ |  |

Full-time equivalent faculty: 2016-2017

| Colleges | T/TT | TF | LTE | Transitional | Total FTE |
| :--- | :---: | :---: | :---: | :---: | :---: |
| College of Engineering and <br> Computational Sciences (CECS) | 72.5 | 36.78 | 3 | $\mathbf{1 1 2 . 2 8}$ |  |
| College of Applied Science and <br> Engineering (CASE) | 66.5 | 20 | 2.75 | $\mathbf{8 9 . 2 5}$ |  |
| College of Earth Resource Sciences <br> and Engineering (CERSE) | 68 | 26.5 | 2.5 | $\mathbf{9 7}$ |  |
| CSM TOTAL | $\mathbf{2 0 7}$ | $\mathbf{8 3 . 2 8}$ | $\mathbf{8 . 2 5}$ | $\mathbf{2 9 8 . 5 3}$ |  |

## Student Profile

Nearly 4,566 students were enrolled in bachelor's programs in Fall 2016.
Undergraduate students represent $78.8 \%$ of the student body. Graduate students ( 674 master's students and 553 doctoral students) represent $21.2 \%$, and the undecided or non-degree seeker students represent $4.5 \%$ of the enrolled students.

Student Enrollment: Fall 2016

| Department | BS | MS Thesis | MS Non-Thesis | PhD | GR | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Applied Science \& Engineering (CASE) | 1,204 | 64 | 12 | 203 | 279 | 1,483 |
| Chemical \& Biological Engineering | 733 | 10 | 4 | 49 | 63 | 796 |
| Chemistry | 74 | 11 | 2 | 46 | 59 | 133 |
| Metallurgical and Materials Engineering | 158 | 38 | 6 | 61 | 105 | 263 |
| Physics | 239 | 5 | 0 | 47 | 52 | 291 |
| Earth Resource Sci \& Engineering (CERSE) | 1,026 | 173 | 168 | 181 | 522 | 1,548 |
| Economics and Business | 19 | 4 | 108 | 15 | 127 | 146 |
| Geology and Geological Engineering | 120 | 93 | 24 | 59 | 176 | 296 |
| Geophysics | 137 | 27 | 5 | 37 | 69 | 206 |
| Liberal Arts and International Studies |  | 1 | 2 | 0 | 3 | 3 |
| Mining Engineering | 89 | 11 | 12 | 28 | 51 | 140 |
| Petroleum Engineering | 661 | 37 | 17 | 42 | 96 | 757 |
| Engineering/Computational Science (CECS) | 2,182 | 77 | 180 | 169 | 426 | 2,608 |
| Applied Mathematics and Statistics | 108 | 9 | 5 | 20 | 34 | 142 |
| Civil \& Environmental Engineering | 332 | 23 | 60 | 51 | 134 | 466 |
| Electrical Engineering \& Comp Sci | 564 | 17 | 46 | 44 | 107 | 671 |
| Engineering - Electrical | 275 | 6 | 26 | 24 | 56 | 331 |
| Computer Science | 289 | 11 | 20 | 17 | 48 | 337 |
| Mechanical Engineering | 1,178 | 28 | 69 | 54 | 151 | 1,329 |
| Undecided | 154 | 0 | 0 | 0 | 0 | 154 |
| Non-Degree Program Undergrad | 46 | 37 | 0 | 0 | 37 | 110 |
| Degree Seeking Total | 4,566 | 314 | 360 | 553 | 1,227 | 5,793 |

Notes: https://inside.mines.edu/UserFiles/File/president/IR/EnrollmentReports/Fall2016EnrollmentReport.pdf. Non-Degree students were not included in the totals.

The undergraduate student/faculty ratio is 14.8 to 1 for the 2016-2017 academic year, but there is a considerable range (from 1.3 to 1 in Economics and Business to 38.9 to 1 in Petroleum Engineering) among the academic departments.

Student / Faculty Ratio: Fall 2016

| Department | Faculty | Undergraduate Students | Student/Faculty Ratio |
| :---: | :---: | :---: | :---: |
| Applied Science \& Engineering (CASE) | 94 | 1,204 | 12.8 |
| Chemical \& Biological Engineering | 28 | 733 | 26.2 |
| Chemistry | 21 | 74 | 3.5 |
| Metallurgical \&Materials Engineering | 20 | 158 | 7.9 |
| Physics | 25 | 239 | 9.6 |
| Earth Resource Sci \& Engineering (CERSE) | 100 | 1,026 | 10.3 |
| Economics and Business | 15 | 19 | 1.3 |
| Geology \& Geological Engineering | 20 | 120 | 6.0 |
| Geophysics | 8 | 137 | 17.1 |
| Liberal Arts \& International Studies | 29 |  | 0.0 |
| Mining Engineering | 11 | 89 | 8.1 |
| Petroleum Engineering | 17 | 661 | 38.9 |
| Engineering/Computational Science (CECS) | 114 | 2,182 | 19.1 |
| Applied Math \& Statistics | 23 | 108 | 4.7 |
| Civil \& Environmental Engineering | 25 | 332 | 13.3 |
| Electrical Engineering and Computer Science | 29 | 564 | 19.4 |
| Electrical Engineering | 16 | 275 | 17.2 |
| Computer Science | 13 | 289 | 22.2 |
| Epics | 5 |  | 0.0 |
| Mechanical Engineering | 32 | 1,178 | 36.8 |
| Grand Total | 308 | 4,566 | 14.8 |

Notes: https: Student numbers were obtained from
//inside.mines.edu/UserFiles/File/president/IR/EnrollmentReports/Fall2016EnrollmentReport.pdf. Faculty numbers were obtained from Academic Affairs Planner Spreadsheet for FY17. Undecided students were not included in this table.

Mines awarded 966 bachelor's degrees, 388 master's degrees, and 115 doctoral degrees in from July 2015 to June 2016. Students in the College of Engineering and Computational Sciences (CECS) earned $40 \%$ of the total degrees awarded, students in the College of Earth Resource Sciences and Engineering (CERSE) earned $37 \%$, and students in the College of Applied Science and Engineering (CASE) earned $23 \%$ of total degrees awarded.

Degrees Awarded: July 2015-June 2016

| Department | BS <br> Degrees | MS and ME <br> -Thesis | MS Non- <br> Thesis | MS Total | PhD | GR Total | Total Degrees | \% |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Applied Science \& Engineering (CASE) | 226 | 37 | 22 | 59 | 54 | 113 | 339 | 23\% |
| Chemical \& Biological Engineer | 105 | 1 | 13 | 14 | 20 | 34 | 139 | 9\% |
| Chemistry | 22 | 5 |  | 5 | 8 | 13 | 35 | 2\% |
| Metallurgical \& Materials Eng | 47 | 21 | 4 | 25 | 17 | 42 | 89 | 6\% |
| Physics | 52 | 10 | 5 | 15 | 9 | 24 | 76 | 5\% |
| Earth Resource Sci \& Enginring (CERSE) | 313 | 81 | 107 | 188 | 36 | 224 | 537 | 37\% |
| Economics and Business | 9 | 1 | 63 | 64 | 6 | 70 | 79 | 5\% |
| Geology | 36 | 44 | 9 | 53 | 10 | 63 | 99 | 7\% |
| Geophysics | 41 | 20 | 3 | 23 | 6 | 29 | 70 | 5\% |
| Liberal Arts \& Intern'I Study |  |  | 5 | 5 |  | 5 | 5 | 0\% |
| Mining | 29 | 0 | 17 | 17 | 3 | 20 | 49 | 3\% |
| Petroleum | 198 | 16 | 10 | 26 | 11 | 37 | 235 | 16\% |
| Engineering/Computational Sci (CECS) | 427 | 35 | 106 | 141 | 25 | 166 | 593 | 40\% |
| Applied Math \& Statistics | 29 | 5 | 8 | 13 | 2 | 15 | 44 | 3\% |
| Civil \& Environmental Enginrng | 68 | 11 | 38 | 49 | 12 | 61 | 129 | 9\% |
| Electrical Enginrg \& Comp Sci | 112 | 11 | 22 | 33 | 4 | 37 | 149 | 10\% |
| Computer Science | 56 | 7 | 12 | 19 | 2 | 21 | 77 | 5\% |
| Electrical Engineering | 56 | 4 | 10 | 14 | 2 | 16 | 72 | 5\% |
| Mechanical Engineering | 218 | 8 | 38 | 46 | 7 | 53 | 271 | 18\% |
| Grand Total | 966 | 153 | 235 | 388 | 115 | 503 | 1,469 | 100\% |

Note: Mines Institutional Research Office (July 2015-June 2016) . Jan 10, 2017

Females represent $28 \%$ of Fall 2016 enrollment at the undergraduate level and $29 \%$ at the graduate level. The proportion of female students varies substantially among programs, however, with a low of $11 \%$ female in Mining and a high of $61 \%$ in Chemistry at the undergraduate level. Among the graduate programs, $67 \%$ is the highest proportion of females (Liberal Arts and International Studies) and 13\% is the lowest (Mechanical Engineering.)

| Department | Undergraduate Female Students | Undergraduate Male Students | Graduate Female Students | Graduate Male Students |
| :---: | :---: | :---: | :---: | :---: |
| Applied Science \& Engineering (CASE) | 38\% | 62\% | 31\% | 69\% |
| Chemical \& Biological Engineering | 41\% | 59\% | 27\% | 73\% |
| Chemistry | 61\% | 39\% | 44\% | 56\% |
| Metallurgical and Materials Engineering | 35\% | 65\% | 30\% | 70\% |
| Physics | 23\% | 77\% | 23\% | 77\% |
| Earth Resource Sci \& Engineering (CERSE) | 23\% | 77\% | 29\% | 71\% |
| Economics and Business | 16\% | 84\% | 15\% | 85\% |
| Geology and Geological Engineering | 40\% | 60\% | 42\% | 58\% |
| Geophysics | 36\% | 64\% | 38\% | 62\% |
| Liberal Arts and International Studies | 0\% | 0\% | 67\% | 33\% |
| Mining Engineering | 11\% | 89\% | 16\% | 84\% |
| Petroleum Engineering | 19\% | 81\% | 21\% | 79\% |
| Engineering/Computational Science (CECS) | 24\% | 76\% | 27\% | 73\% |
| Applied Mathematics and Statistics | 38\% | 62\% | 38\% | 62\% |
| Civil \& Environmental Engineering | 51\% | 49\% | 47\% | 53\% |
| Electrical Engineering \& Comp Sci | 16\% | 84\% | 21\% | 79\% |
| Engineering - Electrical | 16\% | 84\% | 20\% | 80\% |
| Computer Science | 16\% | 84\% | 23\% | 77\% |
| Mechanical Engineering | 20\% | 80\% | 13\% | 87\% |
| Undecided | 36\% | 64\% | 0\% | 0\% |
| Non-Degree Program Undergrad | 16\% | 84\% | 32\% | 68\% |
| Degree Seeking Total | 28\% | 72\% | 29\% | 71\% |

Note: Information obtained from https://inside.mines.edu/UserFiles/File/president/IR/EnrollmentReports/ Fall 2016 EnrollmentReport.pdf

At the undergraduate level, $58 \%$ of the student body is comprised of Colorado residents while at the graduate level, $50.3 \%$ of students are residents. As is the case with gender, the proportion of resident and non-resident students varies by department. At the undergraduate level, the range of residents by department is $40 \%$ to $70 \%$.

## Course and Credit Hour Profile

One-fifth of all credit hours generated in 2015-2016 were in courses with enrollment of less than 25 students. Nearly $27 \%$ of credit hours were generated in courses with enrollment of 81 or more students. Most of the high enrollment courses were at the freshman and sophomore levels.

In academic year 2015-2016, the College of Engineering and Computational Sciences (CECS) generated $40 \%$ of the total credit hours, while the College of Earth Resource Sciences and Engineering (CERSE) generated 33\% and the College of Applied Science and Engineering (CASE) generated 27\%.

At CSM, in academic year 2015-2016 teaching faculty and tenure/tenure track faculty taught the majority of classes and generated the majority of credit hours. Transitional retirees, adjunct faculty, and administrators teach on an as needed basis. At the 100 and 200 level (which are first and second-year courses) teaching faculty generated $60 \%$ of credit hours, tenure/tenure track faculty delivered $12 \%$, and other faculty (adjuncts, transitional retirees, and administrators) delivered the remaining $28 \%$. Tenure/tenure track faculty delivered $46 \%$ of the junior and senior level courses, while teaching faculty delivered $35 \%$, and other faculty delivered the remaining $19 \%$. Tenure/tenure track faculty delivered $77 \%$ of the graduate course credits.

Mines \% of Credit Hours Delivered by Faculty Type


Notes: Notes: Data was obtained from ODS HR Schedule Hybrid View and from Academic Affairs Planner Spreadsheet for FY16. Faculty FTE's were counted depending on their \% of effort for the year. All faculty members who were on sabbatical leave are counted as a full FTE. Run Date: Feb 10, 2065. (Census for Spring and End of Term for Fall) All faculty members who were on transitional retirement (TRAN) are counted at the "FTE rate" associated with their position (typically 0.5). They are counted in Fall, Spring or both depending on their contract. Faculty paid from external sources are assigned an FTE based on their position, not based on funding source. Visiting Faculty was counted in the LTE (Limited Term Employment) section. Credit hours production is counted by multiplying the class maximum number of credit hours by the actual enrollment by the faculty member percentage of responsibility.

Course Offerings by Class Size, Level and Weighted by Credit Hour (Fall 2015Spring 2016)

| Departments | Class Level | Class Size |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | LT 25 | 25-50 | 51-80 | 81 and Higher | Grand Total |
| College of Engineering/Computational Sci |  | 11,475 | 34,069 | 12,489 | 10,117 | 68,150 |
| Applied Mathematics and Statistics | 100-200 | 521 | 9,932 | 78 | 3,089 | 13,620 |
|  | 300-400 | 345 | 3,246 |  |  | 3,591 |
|  | 500-600 | 601 | 75 |  |  | 676 |
| Civil and Environmental Engineering | 100-200 | 205 | 585 | 1,374 | - | 2,164 |
|  | 300-400 | 1,290 | 2,280 | 885 |  | 4,455 |
|  | 500-600 | 1,056 | 84 |  |  | 1,140 |
| College of Engr \& Comp Sci - Admin | 100-200 | 494 | 150 |  |  | 644 |
|  | 300-400 | 128 | 191 | 216 |  | 535 |
|  | 500-600 | 24 |  |  |  | 24 |
| Electrical Eng and Computer Science | 100-200 | 192 | 4,415 | 1,335 |  | 5,942 |
|  | 300-400 | 1,028 | 3,654 | 2,532 | 1,650 | 8,864 |
|  | 500-600 | 861 |  |  |  | 861 |
| EPICS | 100-200 | 3,259 | 4,951 |  | 512 | 8,722 |
|  | 300-400 | 47 | 252 |  | 1,479 | 1,778 |
| Mechanical Engineering | 100-200 |  | 558 | 642 |  | 1,200 |
|  | 300-400 | 393 | 3,189 | 5,232 | 3,387 | 12,201 |
|  | 500-600 | 1,033 | 507 | 195 |  | 1,735 |
| College of Applied Science \& Engineering |  | 5,561 | 5,575 | 12,075 | 20,738 | 43,949 |
| Chemical and Biological Engineering | 100-200 | 141 | 1,149 | 2,531 |  | 3,821 |
|  | 300-400 | 1,093 | 1,227 | 4,143 | 723 | 7,186 |
|  | 500-600 | 330 | 98 |  |  | 428 |
| Chemistry and Geochemistry | 100-200 | 255 | 576 |  | 9,945 | 10,776 |
|  | 300-400 | 643 | 261 | 715 | 464 | 2,083 |
|  | 500-600 | 521 |  |  |  | 521 |
| Metallurgical and Mat. Eng | 100-200 |  |  | 603 | 507 | 1,110 |
|  | 300-400 | 1,010 | 753 | 2,046 |  | 3,809 |
|  | 500-600 | 536 |  |  |  | 536 |
| Physics | 100-200 | 7 | 675 | 260 | 9,099 | 10,041 |
|  | 300-400 | 665 | 397 | 1,777 |  | 2,839 |
|  | 500-600 | 361 | 439 |  |  | 800 |
| College of Earth Resource Sci \& Enginring |  | 16,435 | 15,151 | 8,010 | 14,920 | 54,515 |
| College Earth Res. Sci \& Engr-Admin | 100-200 | 3 |  |  |  | 3 |
|  | 300-400 | - | - | 192 | 447 | 639 |
| Economics and Business | 100-200 | - | - |  | 2,709 | 2,709 |
|  | 300-400 | 708 | 912 | 1,275 | 642 | 3,537 |
|  | 500-600 | 576 | 1,830 | 168 |  | 2,574 |
| Geology and Geological Engineering | 100-200 | 38 | 312 | 268 | 2,296 | 2,914 |
|  | 300-400 | 604 | 990 |  |  | 1,594 |
|  | 500-600 | 1,319 | 481 |  |  | 1,800 |
| Geophysics | 100-200 | 120 | 270 |  |  | 390 |
|  | 300-400 | 533 | 1,408 |  | 555 | 2,496 |
|  | 500-600 | 633 |  |  |  | 633 |
| Liberal Arts and Intl Studies | 100-200 | 7,737 | 1,621 | 1,104 | 1,701 | 12,163 |
|  | 300-400 | 1,799 | 4,266 | 588 |  | 6,653 |
|  | 500-600 | 219 |  |  |  | 219 |
| Mining Engineering | 100-200 |  | 336 | 495 |  | 831 |
|  | 300-400 | 644 | 1,239 |  |  | 1,883 |
|  | 500-600 | 628 | 162 |  |  | 790 |
| Petroleum Engineering | 100-200 |  | 252 | 333 |  | 585 |
|  | 300-400 | 106 | 670 | 3,587 | 6,570 | 10,933 |
|  | 500-600 | 768 | 402 |  |  | 1,170 |
| TOTAL |  | 33,471 | 54,794 | 32,574 | 45,775 | 166,613 |

Notes: Student Credit hours delivered by College. Freshman-Sophomore Level Classes (100-200), Junior-Senior Level (300-400), Graduate Level (500-600). Data was obtained from ODS HR Schedule Hybrid View and from Academic Affairs Planner Spreadsheet for FY16. Faculty FTE's were counted depending on their \% of effort for the year. All faculty that was on sabbatical leave are counted as a full FTE. Run Date: Feb 10, 2016 (Census for Spring and Fall).

CSM \% of Credit Hours Delivered by Faculty Type (Fall 2015 - Spring 2016)

| Credit Hours Delivered 100-600 Level | T/TT | Teaching Faculty | Transition al | Adjuncts | Other | Total | T/TT | Teaching Faculty | Transition al | Adjuncts | Other | Total | T/TT | Teaching Faculty | Transition al | $.600$ <br> Adjuncts | Other | Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Engineering/Computational Sci | 7\% | 39\% | 2\% | 35\% | 17\% | 100\% | 39\% | 42\% |  | 13\% | 6\% | 100\% | 87\% | 2\% |  | 3\% | 7\% | 100\% |
| Applied Mathematics and Statistics | 8\% | 36\% |  | 42\% | 14\% | 100\% | 45\% | 42\% |  | 3\% | 9\% | 100\% | 99\% | 1\% |  |  |  | 100\% |
| Civil and Environmental Engineering |  | 66\% | 24\% | 2\% | 8\% | 100\% | 42\% | 41\% |  | 7\% | 11\% | 100\% | 67\% | 6\% |  | 8\% | 18\% | 100\% |
| College of Engr \& Comp Sci - Admin |  |  |  |  | 100\% | 100\% |  |  |  | 68\% | 32\% | 100\% | 100\% |  |  |  |  | 100\% |
| Electrical Eng and Computer Science | 20\% | 51\% |  | 19\% | 10\% | 100\% | 31\% | 49\% |  | 13\% | 8\% | 100\% | 97\% | 3\% |  |  |  | 100\% |
| EPICS |  | 30\% |  | 50\% | 20\% | 100\% |  | 6\% |  | 84\% | 11\% | 100\% |  |  |  |  |  |  |
| Mechanical Engineering |  | 51\% | 13\% |  | 36\% | 100\% | 48\% | 46\% |  | 4\% | 2\% | 100\% | 91\% |  |  | 2\% | 7\% | 100\% |
| Applied Science \& Engineering | 18\% | 79\% | 1\% | 2\% | 0\% | 100\% | 58\% | 21\% | 0\% | 9\% | 12\% | 100\% | 80\% |  |  | 5\% | 15\% | 100\% |
| Chemical and Biological Engineering |  | 92\% |  | 7\% | 0\% | 100\% | 47\% | 32\% | 0\% | 7\% | 14\% | 100\% | 100\% |  |  |  |  | 100\% |
| Chemistry and Geochemistry | 31\% | 69\% |  |  |  | 100\% | 90\% | 2\% |  | 8\% |  | 100\% | 100\% |  |  |  |  | 100\% |
| Metallurgical and Mat. Eng | 77\% | 23\% |  |  |  | 100\% | 72\% | 12\% |  | 3\% | 13\% | 100\% | 75\% |  |  | 15\% | 10\% | 100\% |
| Physics | 4\% | 92\% | 1\% | 3\% |  | 100\% | 43\% | 16\% | 2\% | 23\% | 16\% | 100\% | 60\% |  |  | 5\% | 36\% | 100\% |
| Earth Resource Sci \& Enginring | 14\% | 72\% | 3\% | 5\% | 6\% | 100\% | 48\% | 35\% | 3\% | 0\% | 13\% | 100\% | 69\% | 9\% | 2\% | 3\% | 17\% | 100\% |
| College Earth Res. Sci \& Engr-Admin | 100\% |  |  |  |  | 100\% | 100\% |  |  |  |  | 100\% |  |  |  |  |  |  |
| Economics and Business |  | 100\% |  |  |  | 100\% | 27\% | 17\% | 9\% |  | 48\% | 100\% | 66\% | 17\% | 5\% |  | 13\% | 100\% |
| Geology and Geological Engineering | 41\% | 59\% |  |  |  | 100\% | 73\% | 5\% | 11\% |  | 11\% | 100\% | 76\% |  | 1\% |  | 23\% | 100\% |
| Geophysics | 100\% |  |  |  |  | 100\% | 68\% |  |  | 2\% | 29\% | 100\% | 69\% |  |  | 12\% | 19\% | 100\% |
| Liberal Arts and Intt Studies | 7\% | 75\% |  | 9\% | 10\% | 100\% | 31\% | 57\% | 7\% |  | 5\% | 100\% | 50\% | 28\% | 14\% |  | 9\% | 100\% |
| Mining Engineering | 40\% |  | 60\% |  |  | 100\% | 64\% |  |  |  | 36\% | 100\% | 57\% |  |  |  | 43\% | 100\% |
| Petroleum Engineering |  | 100\% |  |  |  | 100\% | 51\% | 49\% |  |  |  | 100\% | 78\% | 11\% |  | 11\% |  | 100\% |
| Grand Total | 12\% | 61\% | 2\% | 17\% | 9\% | 100\% | 46\% | 35\% | 1\% | 7\% | 10\% | 100\% | 77\% | 5\% | 1\% | 3\% | 14\% | 100\% |

Notes: Data was obtained from ODS HR Schedule Hybrid View and from Academic Affairs Planner Spreadsheet for FY16. Faculty FTE's were counted depending on their \% of effort for the year. All faculty that were on sabbatical leave are counted as a full FTE. Run Date: Feb 10, 2016. (Census for Spring and End of Term for Fall) All faculty that were on transitional retirement (TRAN) are counted at the "FTE rate associated with their position (typically 0.5). They are counted in Fall, Spring or both depending on their contract. Faculty paid from external sources are assigned an FTE based on their position, not based on funding source. Visiting Faculty was counted in the LTE (Limited Term Employment) section. Credit hours production is counted by multiplying the class maximum number of credit hours by the actual enrollment by the faculty member percentage of responsibility. All faculty that were on transitional retirement (TRAN) are counted at the "FTE rate" associated with their position (typically 0.5 ). They are counted in Fall, Spring or both depending on their contract. Faculty paid from external sources are assigned an FTE based on their position, not based on funding source. Visiting Faculty was counted in the "Other" portion of the chart.

CSM Credit Hours Delivered by Faculty Type (Fall 2015 - Spring 2016)

| Credit Hours Delivered 100-600 Level |  100-200   <br> T/TT Teaching Fraculty  <br> Fal al Adjuncts  |  |  |  | Other | Total | Teaching Transition$300-400$ |  |  |  | Other | Total |  500-600 <br> T/TT   <br> Teaching <br> Faculty Transition al Adjuncts |  |  |  | Other | Total | TOTAL |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Engineering/Computational Sci | 2,256 | 12,562 | 666 | 11,306 | 5,501 | 32,291 | 12,122 | 13,322 |  | 3,942 | 2,038 | 31,423 | 3,872 | 103 |  | 129 | 332 | 4,436 | 68,150 |
| Applied Mathematics and Statistics | 1,050 | 4,909 |  | 5,757 | 1,904 | 13,620 | 1,632 | 1,521 |  | 111 | 327 | 3,591 | 672 | 4 |  |  |  | 676 | 17,887 |
| Civil and Environmental Engineering |  | 1,435 | 513 | 42 | 174 | 2,164 | 1,877 | 1,807 |  | 297 | 474 | 4,455 | 769 | 72 |  | 96 | 203 | 1,140 | 7,758 |
| College of Engr \& Comp Sci - Admin |  |  |  |  | 644 | 644 |  |  |  | 365 | 170 | 535 | 24 |  |  |  |  | 24 | 1,203 |
| Electrical Eng and Computer Science | 1,206 | 3,016 |  | 1,116 | 604 | 5,942 | 2,722 | 4,325 |  | 1,136 | 681 | 8,864 | 834 | 27 |  |  |  | 861 | 15,667 |
| EPICS |  | 2,591 |  | 4,391 | 1,740 | 8,722 |  | 100 |  | 1,490 | 188 | 1,778 |  |  |  |  |  |  | 10,500 |
| Mechanical Engineering |  | 612 | 153 |  | 435 | 1,200 | 5,891 | 5,569 |  | 543 | 198 | 12,201 | 1,573 |  |  | 33 | 129 | 1,735 | 15,136 |
| Applied Science \& Engineering | 4,588 | 20,466 | 132 | 549 | 13 | 25,748 | 9,203 | 3,267 | 59 | 1,402 | 1,986 | 15,916 | 1,830 |  |  | 114 | 341 | 2,285 | 43,949 |
| Chemical and Biological Engineering |  | 3,532 |  | 276 | 13 | 3,821 | 3,375 | 2,286 | 6 | 483 | 1,036 | 7,186 | 428 |  |  |  |  | 428 | 11,435 |
| Chemistry and Geochemistry | 3,335 | 7,441 |  |  |  | 10,776 | 1,874 | 47 |  | 162 |  | 2,083 | 521 |  |  |  |  | 521 | 13,380 |
| Metallurgical and Mat. Eng | 855 | 255 |  |  |  | 1,110 | 2,747 | 472 |  | 105 | 485 | 3,809 | 402 |  |  | 78 | 56 | 536 | 5,455 |
| Physics | 398 | 9,238 | 132 | 273 |  | 10,041 | 1,207 | 462 | 53 | 652 | 466 | 2,839 | 479 |  |  | 36 | 285 | 800 | 13,680 |
| Earth Resource Sci \& Enginring | 2,741 | 14,161 | 495 | 1,037 | 1,161 | 19,595 | 13,326 | 9,760 | 970 | 52 | 3,627 | 27,735 | 4,968 | 616 | 168 | 210 | 1,224 | 7,186 | 54,515 |
| College Earth Res. Sci \& Engr-Admin | 3 |  |  |  |  | 3 | 639 |  |  |  |  | 639 |  |  |  |  |  |  | 642 |
| Economics and Business |  | 2,709 |  |  |  | 2,709 | 945 | 591 | 318 |  | 1,683 | 3,537 | 1,698 | 426 | 117 |  | 333 | 2,574 | 8,820 |
| Geology and Geological Engineering | 1,182 | 1,732 |  |  |  | 2,914 | 1,160 | 72 | 181 |  | 181 | 1,594 | 1,371 |  | 21 |  | 408 | 1,800 | 6,308 |
| Geophysics | 390 |  |  |  |  | 390 | 1,708 |  |  | 52 | 736 | 2,496 | 434 |  |  | 78 | 121 | 633 | 3,519 |
| Liberal Arts and Intl Studies | 830 | 9,135 |  | 1,037 | 1,161 | 12,163 | 2,046 | 3,792 | 471 |  | 344 | 6,653 | 109 | 61 | 30 |  | 19 | 219 | 19,035 |
| Mining Engineering | 336 |  | 495 |  |  | 831 | 1,200 |  |  |  | 683 | 1,883 | 447 |  |  |  | 343 | 790 | 3,504 |
| Petroleum Engineering |  | 585 |  |  |  | 585 | 5,628 | 5,305 |  |  |  | 10,933 | 909 | 129 |  | 132 |  | 1,170 | 12,688 |
| Grand Total | 9,585 | 47,189 | 1,293 | 12,892 | 6,675 | 77,633 | 34,650 | 26,349 | 1,029 | 5,396 | 7,651 | 75,074 | 10,670 | 719 | 168 | 453 | 1,897 | 13,907 | 166,613 |

Notes: Data was obtained from ODS HR Schedule Hybrid View and from Academic Affairs Planner Spreadsheet for FY16. Faculty FTE's were counted depending on their \% of effort for the year. All faculty that were on sabbatical leave are counted as a full FTE. Run Date: Feb 10, 2016. (Census for Spring and End of Term for Fall) All faculty that were on transitional retirement (TRAN) are counted at the "FTE rate associated with their position (typically 0.5). They are counted in Fall, Spring or both depending on their contract. Faculty paid from external sources are assigned an FTE based on their position, not based on funding source. Visiting Faculty was counted in the LTE (Limited Term Employment) section. Credit hours production is counted by multiplying the class maximum number of credit hours by the actual enrollment by the faculty member percentage of responsibility. All faculty that were on transitional retirement (TRAN) are counted at the "FTE rate" associated with their position (typically 0.5). They are counted in Fall, Spring or both depending on their contract. Faculty paid from external sources are assigned an FTE based on their position, not based on funding source. Visiting Faculty was counted in the "Other" portion of the chart.


Notes: Data was obtained from ODS HR Schedule Hybrid View and from Academic Affairs Planner Spreadsheet for FY16. Faculty FTE's were counted depending on their \% of effort for the year. All faculty that were on sabbatical leave are counted as a full FTE. Run Date: Feb 10, 2016. (Census for Spring and End of Term for Fall)

CECS (Fall 2015-Spring 2016) Distribution of Credit Hour Delivery (100-600 level) per Teaching Faculty


Notes: Data was obtained from ODS HR Schedule Hybrid View and from Academic Affairs Planner Spreadsheet for FY15. Faculty FTE's were counted depending on their \% of effort for the year. All faculty that were on sabbatical leave are counted as a full FTE. Run Date: Feb 10, 2016. (Census for Spring and End of Term for Fall)

CASE (Fall 2015-Spring 2016) Distribution of Credit Hour Delivery (100-600 level) per Tenured and Tenure-Track Faculty


Notes: Data was obtained from ODS HR Schedule Hybrid View and from Academic Affairs Planner Spreadsheet for FY16. Faculty FTE's were counted depending on their \% of effort for the year. All faculty that were on sabbatical leave are counted as a full FTE. Run Date: Feb 10, 2016. (Census for Spring and End of Term for Fall)

CASE (Fall 2015-Spring 2016) Distribution of Credit Hour Delivery (100-600 level) per Teaching Faculty


Notes: Data was obtained from ODS HR Schedule Hybrid View and from Academic Affairs Planner Spreadsheet for FY16. Faculty FTE's were counted depending on their \% of effort for the year. All faculty that were on sabbatical leave are counted as a full FTE. Run Date: Feb 10, 2016. (Census for Spring and End of Term for Fall)

CERSE (Fall 2015-Spring 2016) Distribution of Credit Hour Delivery (100-600 level) per Tenured and Tenure-Track Faculty


Notes: Data was obtained from ODS HR Schedule Hybrid View and from Academic Affairs Planner Spreadsheet for FY16. Faculty FTE's were counted depending on their \% of effort for the year. All faculty that were on sabbatical leave are counted as a full FTE. Run Date: Feb 10, 2016. (Census for Spring and End of Term for Fall)

CERSE (Fall 2015-Spring 2016) Distribution of Credit Hour Delivery (100-600 level) per Teaching Faculty


Notes: Data was obtained from ODS HR Schedule Hybrid View and from Academic Affairs Planner Spreadsheet for FY16. Faculty FTE's were counted depending on their \% of effort for the year. All faculty that were on sabbatical leave are counted as a full FTE. Run Date: Feb 10, 2016. (Census for Spring and End of Term for Fall)

CSM Sponsored Research Awards and Expenditures by Department per T/TT for Fiscal Year 16 (FY16)

| Departments | FY16 T/TT FTE | FY16 Research Awards | FY16 Awards / T/TT Faculty | FY16 Expenditures | FY16 Expenditures / T/TT Faculty |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Applied Science \& Engineering (CASE) | 65 | 27,749,375.79 | 426,913.47 | 25,324,007.23 | 389,600.11 |
| Chem and Biological Eng | 15 | 6,193,261.99 | 412,884.13 | 6,663,385.42 | 444,225.69 |
| Chemistry and Geochemistry | 16 | 7,528,047.56 | 470,502.97 | 4,437,308.94 | 277,331.81 |
| Metallurgy and Materials Eng | 16 | 8,934,379.38 | 558,398.71 | 7,980,749.32 | 498,796.83 |
| Physics | 18 | 4,633,186.46 | 257,399.25 | 5,390,805.38 | 299,489.19 |
| Earth Resource Sci \& Engineering (CERSE) | 68 | 13,030,215.13 | 191,620.81 | 15,129,513.79 | 222,492.85 |
| Econ and Business Div | 10 | 479,146.52 | 47,914.65 | 746,746.17 | 74,674.62 |
| Geology and Geological Eng | 18 | 2,800,464.20 | 155,581.34 | 3,484,326.65 | 193,573.70 |
| Geophysics | 10 | 4,948,302.00 | 494,830.20 | 4,919,302.04 | 491,930.20 |
| Liberal Arts and Intl Studies | 11 | 453,315.40 | 41,210.49 | 151,473.24 | 13,770.29 |
| Mining Eng | 9 | 2,242,580.53 | 249,175.61 | 2,020,411.66 | 224,490.18 |
| Petroleum Eng | 10 | 2,106,406.48 | 210,640.65 | 3,658,900.99 | 365,890.10 |
| Engineering/Computational Science (CECS) | 73 | 16,041,214.62 | 221,258.13 | 12,943,283.33 | 178,528.05 |
| Applied Math and Statistics | 12 | 1,034,899.47 | 86,241.62 | 705,994.83 | 58,832.90 |
| Civil and Environ Eng | 18.5 | 7,050,986.42 | 381,134.40 | 4,853,154.83 | 262,332.69 |
| Electrical Eng and Comp Sci | 19 | 2,487,948.84 | 130,944.68 | 1,385,694.82 | 72,931.31 |
| EPICS | 0 | 29,901.48 |  | 26,839.18 |  |
| Mechanical Eng | 23 | 5,437,478.41 | 236,412.10 | 5,971,599.67 | 259,634.77 |
| Other Areas |  | 3,453,448.11 |  | 3,792,945.15 |  |
| CO Geological Survey |  | 966,523.11 |  | 340,373.92 |  |
| Strategic Enterprises |  | 140,000.00 |  | 329,786.44 |  |
| VP Research and Tech Transfer |  | 1,313,056.00 |  | 2,328,502.58 |  |
| Academic Affairs |  | 1,033,869.00 |  | 794,282.22 |  |
| Grand Total | 206 | 60,274,253.65 |  | 57,189,749.50 |  |
| Additional research support: |  |  |  |  |  |
| Research development funds and gifts supporting research |  |  |  | 5,034,999.00 |  |
| Note: Data obtained from CSM Office of Research Administration (9/21/16). Fiscal Year 16's Number of Faculty were used in this table to calculate awards and expenditures per T/TT. Fiscal Year 16 (FY16) is defined as July 1, 2015 - June 30, 2016. |  |  |  |  |  |

Undergraduate Students Ethnicity (Fall 2016)

| Department | American Indian or Alaskan Native | Asian | Black or Africar American | Caucasian NonHispanic (White | Caucasian or White | Hispanic | International | Multiple races | Native Hawaiian and Other Pacific Islander | Non-Resident Alien (International) | Unknown | Grand Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Engineering/Computational Science (CECS) | 0.3\% | 5.3\% | 1.0\% | 64.8\% | 12.5\% | 7.3\% | 0.0\% | 6.0\% | 0.1\% | 1.9\% | 0.6\% | 100.0\% |
| Applied Mathematics and Statistics | 0.0\% | 0.0\% | 0.0\% | 68.1\% | 18.6\% | 3.5\% | 0.0\% | 6.2\% | 0.9\% | 0.9\% | 1.8\% | 100.0\% |
| Civil \& Environmental Engineering | 0.3\% | 6.1\% | 0.6\% | 62.3\% | 15.5\% | 7.6\% | 0.0\% | 6.4\% | 0.0\% | 1.2\% | 0.0\% | 100.0\% |
| Electrical Engineering \& Comp Sci | 0.5\% | 8.5\% | 2.4\% | 60.0\% | 12.3\% | 7.3\% | 0.0\% | 6.2\% | 0.0\% | 2.1\% | 0.7\% | 100.0\% |
| Computer Science | 0.3\% | 10.8\% | 2.4\% | 60.5\% | 10.1\% | 6.8\% | 0.0\% | 6.1\% | 0.0\% | 2.4\% | 0.7\% | 100.0\% |
| Electrical Engineering | 0.7\% | 6.0\% | 2.5\% | 59.4\% | 14.6\% | 7.8\% | 0.0\% | 6.4\% | 0.0\% | 1.8\% | 0.7\% | 100.0\% |
| Mechanical Engineering | 0.2\% | 4.1\% | 0.6\% | 67.6\% | 11.1\% | 7.6\% | 0.0\% | 5.8\% | 0.2\% | 2.2\% | 0.7\% | 100.0\% |
| Earth Resource Sci \& Engineering (CERSE) | 0.1\% | 3.8\% | 1.8\% | 50.1\% | 13.3\% | 7.1\% | 0.4\% | 3.0\% | 0.0\% | 19.8\% | 0.5\% | 100.0\% |
| Economics and Business | 0.0\% | 13.0\% | 4.3\% | 60.9\% | 8.7\% | 4.3\% | 0.0\% | 4.3\% | 0.0\% | 4.3\% | 0.0\% | 100.0\% |
| Geology and Geological Engineering | .0\% | . $8 \%$ | 0\% | 60.8\% | 16.7\% | 9.2\% | 0\% | 3.3\% | 0.0\% | 9.2\% | 0.0\% | 100.0 |
| Liberal Arts and International Studies | 0.0\% | 0.0\% | 0\% | 0.0\% | 0.0\% | 0.0 | \% | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 0\% |
| Geophysics | 0.7\% | 3.6\% | 1.4\% | 57.9\% | 12. | 7.9\% | 0.0\% | 3.6\% | 0\% | 12.9\% | 0.0\% | 100.0\% |
| Mining Engineering | 0.0\% | 4.5\% | 2.3\% | 67.0\% | 8.0\% | 9.1\% | 0\% | 3\% | 0.0\% | 6.8\% | 0.0\% | 100.0\% |
| Petroleum Engineering | 0.0\% | 4.0\% | 2.0\% | 3.8\% | 13.8\% | 6.5 | 0.6\% | .9\% | 0.0\% | 25.5\% | 0.8\% | 100.0\% |
| Applied Science \& Engineering (CASE) | 0.3\% | 4.7\% | 0.4\% | 65.6\% | 12.8\% | 7.1\% | 0.2\% | 6.4\% | 0.1\% | 1.8\% | 0.5\% | 100.0\% |
| Chemical and Biological Engineering | 0.4\% | 6.8\% | 0.3\% | 62.0\% | 12.8\% | 7.5\% | 0.3\% | 6.9\% | 0.1\% | 2.5\% | 0.4\% | 100.0\% |
| Chemistry | 0.0\% | 1.4\% | 0.0\% | 60.8\% | 17.6\% | 9.5\% | 0.0\% | 9.5\% | 0.0\% | 0.0\% | 1.4\% | 100.0\% |
| Metallurgical and Materials Engineering | 0.6\% | 3.1\% | 0.6\% | 70.6\% | 13.1\% | 5.0\% | 0.0\% | 5.0\% | 0.0\% | 0.6\% | 1.3\% | 100.0\% |
| Physics | 0.0\% | 0.4\% | 0.8\% | 74.9\% | 11.1\% | 6.6\% | 0.0\% | 4.9\% | 0.0\% | 1.2\% | 0.0\% | 100.0\% |
| Undecided | 0.0\% | 3.1\% | 0.8\% | 62.0\% | 14.0\% | 10.9\% | 0.0\% | 7.0\% | 0.0\% | 1.6\% | 0.8\% | 100.0\% |
| Total | 0.0 | 0.0 | 0.0 | 0.6 | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 | 0.1 | 0.0 | 1.0 |

Graduate Students Ethnicity (Fall 2016)

| Department | American Indiar or Alaskan Native | Asian | Black or Africar American | Caucasian Non Hispanic (White | Caucasian or | Hispanic | International | Multiple races | Native Hawaiian and Other Pacific Islander | $\begin{gathered} \text { Non-Resident } \\ \text { Alien } \\ \text { (International) } \end{gathered}$ | Unknown | Grand Total |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Engineering/Computational Science (CECS) | 0.0\% | 4.7\% | 0.7\% | 25.0\% | 34.4\% | 6.3\% | 0.7\% | 3.8\% | 0.0\% | 23.0\% | 1.6\% | 100.0\% |
| Applied Mathematics and Statistics | 0.0\% | 0.0\% | 3.0\% | 24.2\% | 54.5\% | 6.1\% | 0.0\% | 6.1\% | 0.0\% | 3.0\% | 3.0\% | 100.0\% |
| Civil \& Environmental Engineering | 0.0\% | 5.6\% | 0.0\% | 21.7\% | 49.7\% | 4.9\% | 0.0\% | 2.8\% | 0.0\% | 14.0\% | 1.4\% | 100.0\% |
| Electrical Engineering \& Comp Sci | 0.0\% | 6.2\% | 0.9\% | 27.4\% | 15.0\% | 5.3\% | 1.8\% | 2.7\% | 0.0\% | 38.1\% | 2.7\% | 100.0\% |
| Electrical Engineering | 0.0\% | 5.1\% | 0.0\% | 27.1\% | 15.3\% | 8.5\% | 1.7\% | 3.4\% | 0.0\% | 37.3\% | 1.7\% | 100.0\% |
| Computer Science | 0.0\% | 7.8\% | 2.0\% | 25.5\% | 13.7\% | 2.0\% | 2.0\% | 2.0\% | 0.0\% | 41.2\% | 3.9\% | 100.0\% |
| Mechanical Engineering | 0.0\% | 3.7\% | 0.6\% | 27.2\% | 30.2\% | 8.0\% | 0.6\% | 4.9\% | 0.0\% | 24.1\% | 0.6\% | 100.0\% |
| Earth Resource Sci \& Engineering (CERSE) | 0.4\% | 2.4\% | 1.5\% | 16.1\% | 31.5\% | 6.0\% | 4.4\% | 0.7\% | 0.0\% | 35.2\% | 1.8\% | 100.0\% |
| Economics and Business | 0.0\% | 3.0\% | 3.8\% | 18.9\% | 32.6\% | 6.1\% | 1.5\% | 0.0\% | 0.0\% | 30.3\% | 3.8\% | 100.0\% |
| Geology and Geological Engineering | 0.5\% | 1.6\% | 1.1\% | 16.6\% | 51.3\% | 7.5\% | 2.1\% | 1.6\% | 0.0\% | 16.0\% | 1.6\% | 100.0\% |
| Geophysics | 1.4\% | 2.8\% | 0.0\% | 21.1\% | 15.5\% | 4.2\% | 7.0\% | 1.4\% | 0.0\% | 46.5\% | 0.0\% | 100.0\% |
| Liberal Arts and International Studies | 0.0\% | 0.0\% | 0.0\% | 0.0\% | 33.3\% | 33.3\% | 0.0\% | 0.0\% | 0.0\% | 33.3\% | 0.0\% | 100.0\% |
| Mining Engineering | 0.0\% | 1.9\% | 0.0\% | 19.2\% | 19.2\% | 7.7\% | 3.8\% | 0.0\% | 0.0\% | 46.2\% | 1.9\% | 100.0\% |
| Petroleum Engineering | 0.0\% | 3.0\% | 1.0\% | 6.9\% | 10.9\% | 3.0\% | 10.9\% | 0.0\% | 0.0\% | 63.4\% | 1.0\% | 100.0\% |
| Applied Science \& Engineering (CASE) | 0.0\% | 2.0\% | 0.7\% | 21.5\% | 43.3\% | 5.5\% | 1.3\% | 2.0\% | 0.0\% | 22.8\% | 1.0\% | 100.0\% |
| Chemical and Biological Engineering | 0.0\% | 1.4\% | 1.4\% | 11.4\% | 32.9\% | 1.4\% | 2.9\% | 4.3\% | 0.0\% | 42.9\% | 1.4\% | 100.0\% |
| Chemistry | 0.0\% | 3.2\% | 0.0\% | 14.3\% | 63.5\% | 6.3\% | 0.0\% | 1.6\% | 0.0\% | 11.1\% | 0.0\% | 100.0\% |
| Metallurgical and Materials Engineering | 0.0\% | 1.7\% | 0.9\% | 29.9\% | 40.2\% | 6.0\% | 0.9\% | 0.0\% | 0.0\% | 19.7\% | 0.9\% | 100.0\% |
| Physics | 0.0\% | 1.8\% | 0.0\% | 24.6\% | 40.4\% | 8.8\% | 1.8\% | 3.5\% | 0.0\% | 17.5\% | 1.8\% | 100.0\% |
| Undecided | 0.0\% | 5.4\% | 5.4\% | 21.6\% | 24.3\% | 0.0\% | 0.0\% | 2.7\% | 0.0\% | 32.4\% | 8.1\% | 100.0\% |
| Grand Total | 0.1\% | 3.1\% | 1.1\% | 20.5\% | 35.0\% | 5.8\% | 2.3\% | 2.1\% | 0.0\% | 28.2\% | 1.7\% | 100.0\% |

Note: Data obtained from Cognos Report: Registrar's Student Demographic Information 10/13/16.

## Undergraduate Students' Ethnicity (Fall 2016)



Graduate Students' Ethnicity (Fall 2016)


Note: Data
Notes: Data obtained from Cognos Report: Registrar's Student Demographic Information 10/13/16.

## Strategic Plan and Strategic Scorecard Measures

Colorado School of Mines' Board of Trustees approved the Colorado School of Mines' Strategic Plan 2014-2024 on December 2013. The Plan is included in Appendix A.

Colorado School of Mines' Strategic Scorecard, which measures progress on the strategic plan, was presented to the Colorado School of Mines Board of Trustees in October 2014. These metrics are still under discussion. Some of the $5-\mathrm{Yr}$ and $10-\mathrm{Yr}$ Targets noted as to be determined (TBD) on the basis of further financial analysis. This presentation is included in Appendix B.

