

UNIVERSITY-WIDE COUNCIL ON ENGINEERING  
EDUCATION

# UCEE

2019-2020

Henrey Samueli School of  
Engineering and Applied Sciences

# **UCLA** **Samueli** School of Engineering

## **Report to the University-Wide Council on Engineering Education (UCEE)** Henry Samueli School of Engineering and Applied Science University of California, Los Angeles

Jayathi Y. Murthy  
Ronald And Valerie Sugar Dean

Richard D. Wesel  
Associate Dean  
Academic and Student Affairs

Harold Monbouquette  
Associate Dean  
Research and Physical Resources

Jenn-Ming Yang  
Associate Dean  
International Initiatives & Online Programs

Jia-Ming Liu  
Associate Dean  
Academic Personnel

Scott Brandenburg  
Associate Dean  
Diversity and Inclusion

Prepared by:  
James Washington  
Completed Fall 2019

**Admission, Enrollment & Degree Statistics**

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**Fall Quarter Enrollment\***

Undergraduate Enrollment

|                                       | <b>2017</b>  | <b>2018</b>  | <b>2019</b>  |
|---------------------------------------|--------------|--------------|--------------|
| Aerospace Engineering                 | 201          | 223          | 231          |
| Bioengineering                        | 285          | 291          | 293          |
| Chemical Engineering                  | 336          | 323          | 323          |
| Computer Engineering**                | 1            | 55           | 95           |
| Civil Engineering                     | 303          | 325          | 328          |
| Computer Science                      | 763          | 884          | 964          |
| Computer Science & Engineering        | 326          | 356          | 297          |
| Electrical Engineering                | 625          | 628          | 578          |
| Materials Engineering                 | 113          | 122          | 143          |
| Mechanical Engineering                | 529          | 549          | 568          |
| Undeclared Engineering                | 145          | 168          | 136          |
| <b>Total Undergraduate Enrollment</b> | <b>3,627</b> | <b>3,924</b> | <b>3,956</b> |

Graduate Enrollment

|                                  | <b>2017</b>  | <b>2018</b>  | <b>2019</b>  |
|----------------------------------|--------------|--------------|--------------|
| Master's Degree                  | 1298         | 1204         | 1110         |
| Engineer                         | N/A          | N/A          | 1            |
| Doctoral Degree                  | 967          | 1033         | 1082         |
| <b>Total Graduate Enrollment</b> | <b>2,265</b> | <b>2,237</b> | <b>2,193</b> |

**Total Samueli Engineering Enrollment**      **5,892**      **6,161**      **6,149**

**UCLA Campus Undergraduate Total**      **31,417**      **31,572**      **32,354**

**UCLA Campus Total**      **44,578**      **44,530**      **45,302**

*\*As reported by the Office of Analysis and Information Management based on November 2019 enrollment numbers*

*Dual degree students are only counted once for enrollment.*

**Undergraduate Freshman Admission Statistics\***

|                                | <i>Applications</i> | <i>Admits</i> | <i>Admit Rate</i> | <i>Positive SJR</i> | <i>Enrolled</i> |
|--------------------------------|---------------------|---------------|-------------------|---------------------|-----------------|
| <b>2019-2020</b>               |                     |               |                   |                     |                 |
| Aerospace Engineering          | 1,726               | 145           | 8.4%              | 52                  | 51              |
| Bioengineering                 | 2,251               | 259           | 11.5%             | 69                  | 69              |
| Chemical Engineering           | 1,090               | 210           | 19.3%             | 71                  | 71              |
| Civil Engineering              | 1,623               | 182           | 11.2%             | 77                  | 77              |
| Computer Science               | 7,514               | 648           | 8.6%              | 140                 | 140             |
| Computer Science & Engineering | 2,889               | 219           | 7.6%              | 48                  | 48              |
| Computer Engineering           | 1,048               | 49            | 4.7%              | 12                  | 12              |
| Electrical Engineering         | 1,334               | 237           | 17.8%             | 102                 | 98              |
| Materials Engineering          | 377                 | 75            | 19.9%             | 30                  | 30              |
| Mechanical Engineering         | 3,239               | 286           | 8.8%              | 115                 | 114             |
| Undeclared Engineering         | 2,713               | 195           | 7.2%              | 62                  | 62              |
| <b>Total</b>                   | <b>25,804</b>       | <b>2,505</b>  | <b>9.7%</b>       | <b>778</b>          | <b>772</b>      |
| <b>2018-2019</b>               |                     |               |                   |                     |                 |
| Aerospace Engineering          | 1,701               | 130           | 7.6%              | 50                  | 48              |
| Bioengineering                 | 2,383               | 281           | 11.8%             | 71                  | 68              |
| Chemical Engineering           | 1,115               | 272           | 24.4%             | 70                  | 67              |
| Civil Engineering              | 1,694               | 247           | 14.6%             | 97                  | 94              |
| Computer Science               | 6,943               | 567           | 8.2%              | 147                 | 138             |
| Computer Science & Engineering | 3,197               | 377           | 11.8%             | 111                 | 104             |
| Computer Engineering           | 1,102               | 66            | 6.0%              | 22                  | 20              |
| Electrical Engineering         | 1,517               | 318           | 21.0%             | 147                 | 140             |
| Materials Engineering          | 357                 | 118           | 33.1%             | 47                  | 43              |
| Mechanical Engineering         | 3,406               | 346           | 10.2%             | 137                 | 123             |
| Undeclared Engineering         | 2,780               | 265           | 9.5%              | 83                  | 79              |
| <b>Total</b>                   | <b>26,195</b>       | <b>2,987</b>  | <b>11.4%</b>      | <b>982</b>          | <b>924</b>      |
| <b>2017-2018</b>               |                     |               |                   |                     |                 |
| Aerospace Engineering          | 1,496               | 137           | 9.2%              | 47                  | 46              |
| Bioengineering                 | 2,217               | 324           | 14.6%             | 72                  | 72              |
| Chemical Engineering           | 1,305               | 283           | 21.7%             | 73                  | 73              |
| Civil Engineering              | 1,520               | 216           | 14.2%             | 68                  | 68              |
| Computer Science               | 5,946               | 581           | 9.8%              | 112                 | 112             |
| Computer Science & Engineering | 3,666               | 427           | 11.6%             | 99                  | 99              |
| Electrical Engineering         | 1,444               | 330           | 22.9%             | 115                 | 115             |
| Materials Engineering          | 350                 | 123           | 35.1%             | 24                  | 24              |
| Mechanical Engineering         | 3,263               | 318           | 9.7%              | 86                  | 86              |
| Undeclared Engineering         | 2,887               | 293           | 10.1%             | 95                  | 95              |
| <b>Total</b>                   | <b>24,094</b>       | <b>3,032</b>  | <b>12.6%</b>      | <b>791</b>          | <b>790</b>      |

*As Reported by SEASnet on 12/09/2019*

**Undergraduate Transfer Admission Statistics\***

|                                | <i>Applications</i> | <i>Admits</i> | <i>Admit Rate</i> | <i>Positive SJR</i> | <i>Enrolled</i> |
|--------------------------------|---------------------|---------------|-------------------|---------------------|-----------------|
| <b>2019-2020</b>               |                     |               |                   |                     |                 |
| Aerospace Engineering          | 176                 | 26            | 14.8%             | 17                  | 17              |
| Bioengineering                 | 150                 | 20            | 13.3%             | 8                   | 8               |
| Chemical Engineering           | 206                 | 55            | 26.7%             | 25                  | 24              |
| Civil Engineering              | 199                 | 45            | 22.6%             | 17                  | 17              |
| Computer Science               | 1,633               | 89            | 5.5%              | 54                  | 54              |
| Computer Science & Engineering | 291                 | 43            | 14.8%             | 18                  | 18              |
| Computer Engineering           | 124                 | 12            | 9.7%              | 7                   | 7               |
| Electrical Engineering         | 399                 | 92            | 23.1%             | 53                  | 51              |
| Materials Engineering          | 65                  | 12            | 18.5%             | 6                   | 6               |
| Mechanical Engineering         | 517                 | 76            | 14.7%             | 27                  | 26              |
| <b>Total</b>                   | <b>3,760</b>        | <b>470</b>    | <b>12.5%</b>      | <b>232</b>          | <b>228</b>      |
| <b>2018-2019</b>               |                     |               |                   |                     |                 |
| Aerospace Engineering          | 174                 | 24            | 13.8%             | 13                  | 13              |
| Bioengineering                 | 157                 | 17            | 10.8%             | 8                   | 8               |
| Chemical Engineering           | 203                 | 42            | 20.7%             | 15                  | 15              |
| Civil Engineering              | 219                 | 40            | 18.3%             | 13                  | 13              |
| Computer Science               | 1,496               | 115           | 7.7%              | 73                  | 73              |
| Computer Science & Engineering | 330                 | 71            | 21.5%             | 29                  | 29              |
| Computer Engineering           | 122                 | 17            | 13.9%             | 6                   | 6               |
| Electrical Engineering         | 432                 | 82            | 19.0%             | 40                  | 40              |
| Materials Engineering          | 88                  | 8             | 9.1%              | 3                   | 3               |
| Mechanical Engineering         | 553                 | 47            | 8.5%              | 25                  | 24              |
| <b>Total</b>                   | <b>3,774</b>        | <b>463</b>    | <b>12.3%</b>      | <b>225</b>          | <b>224</b>      |
| <b>2016-2017</b>               |                     |               |                   |                     |                 |
| Aerospace Engineering          | 163                 | 25            | 15.3%             | 15                  | 15              |
| Bioengineering                 | 165                 | 17            | 10.3%             | 8                   | 8               |
| Chemical Engineering           | 241                 | 62            | 25.7%             | 25                  | 24              |
| Civil Engineering              | 221                 | 38            | 17.2%             | 18                  | 18              |
| Computer Science               | 1,295               | 69            | 5.3%              | 40                  | 40              |
| Computer Science & Engineering | 374                 | 45            | 12.0%             | 14                  | 14              |
| Electrical Engineering         | 413                 | 102           | 24.7%             | 59                  | 59              |
| Materials Engineering          | 68                  | 14            | 20.6%             | 5                   | 5               |
| Mechanical Engineering         | 579                 | 59            | 10.2%             | 21                  | 21              |
| <b>Total</b>                   | <b>3,519</b>        | <b>431</b>    | <b>12.2%</b>      | <b>205</b>          | <b>204</b>      |

## Graduate Admission Statistics\*

| 2019-2020                           | Applicants   |              |              | Admits     |              |              | Enrolled   |            |            |
|-------------------------------------|--------------|--------------|--------------|------------|--------------|--------------|------------|------------|------------|
|                                     | Domestic     | Foreign      | Total        | Domestic   | Foreign      | Total        | Domestic   | Foreign    | Total      |
| Aerospace Engineering               | 88           | 50           | 138          | 46         | 9            | 55           | 16         | 3          | 19         |
| Bioengineering                      | 225          | 225          | 450          | 72         | 48           | 120          | 17         | 16         | 33         |
| Chemical Engineering                | 94           | 251          | 345          | 20         | 33           | 53           | 5          | 22         | 27         |
| Civil Engineering                   | 143          | 288          | 431          | 115        | 154          | 269          | 35         | 49         | 84         |
| Computer Science                    | 455          | 2556         | 3,011        | 113        | 197          | 310          | 53         | 111        | 164        |
| Electrical & Computer Engineering** | 235          | 1644         | 1,879        | 132        | 397          | 529          | 42         | 139        | 181        |
| Manufacturing Engineering           | 3            | 2            | 5            | 2          | 0            | 2            | 1          | 0          | 1          |
| Materials Science & Engineering     | 65           | 303          | 368          | 38         | 84           | 122          | 6          | 22         | 28         |
| Mechanical Engineering              | 196          | 493          | 689          | 102        | 147          | 249          | 21         | 34         | 55         |
| MS Engineering Online               | 194          | 19           | 213          | 149        | 10           | 159          | 100        | 7          | 107        |
| <b>Total</b>                        | <b>1,698</b> | <b>5,831</b> | <b>7,529</b> | <b>743</b> | <b>1,079</b> | <b>1,822</b> | <b>296</b> | <b>403</b> | <b>699</b> |
| % Foreign                           |              | 77.45%       |              |            | 59.22%       |              |            | 57.65%     |            |

| 2018-2019                       | Applicants   |              |              | Admits     |              |              | Enrolled   |            |            |
|---------------------------------|--------------|--------------|--------------|------------|--------------|--------------|------------|------------|------------|
|                                 | Domestic     | Foreign      | Total        | Domestic   | Foreign      | Total        | Domestic   | Foreign    | Total      |
| Aerospace Engineering           | 125          | 92           | 217          | 61         | 21           | 82           | 14         | 3          | 17         |
| Bioengineering                  | 213          | 241          | 454          | 67         | 61           | 128          | 22         | 26         | 48         |
| Chemical Engineering            | 122          | 233          | 355          | 21         | 29           | 50           | 10         | 18         | 28         |
| Civil Engineering               | 163          | 290          | 453          | 115        | 147          | 262          | 42         | 50         | 92         |
| Computer Science                | 388          | 2,448        | 2,836        | 96         | 227          | 323          | 50         | 110        | 160        |
| Electrical Engineering          | 272          | 1,693        | 1,965        | 134        | 241          | 375          | 47         | 73         | 120        |
| Manufacturing Engineering       | 2            | 4            | 6            | 1          | 1            | 2            | 0          | 0          | 0          |
| Materials Science & Engineering | 91           | 314          | 405          | 70         | 154          | 224          | 26         | 45         | 71         |
| Mechanical Engineering          | 250          | 672          | 922          | 150        | 197          | 347          | 49         | 43         | 92         |
| MS Engineering Online           | 151          | 23           | 174          | 131        | 15           | 146          | 88         | 4          | 92         |
| <b>Total</b>                    | <b>1,777</b> | <b>6,010</b> | <b>7,787</b> | <b>846</b> | <b>1,093</b> | <b>1,939</b> | <b>348</b> | <b>372</b> | <b>720</b> |
| % Foreign                       |              | 77.18%       |              |            | 56.37%       |              |            | 51.67%     |            |

| 2017-2018                       | Applicants   |              |              | Admits     |              |              | Enrolled   |            |            |
|---------------------------------|--------------|--------------|--------------|------------|--------------|--------------|------------|------------|------------|
|                                 | Domestic     | Foreign      | Total        | Domestic   | Foreign      | Total        | Domestic   | Foreign    | Total      |
| Aerospace Engineering           | 93           | 60           | 153          | 55         | 10           | 65           | 21         | 3          | 24         |
| Bioengineering                  | 204          | 157          | 361          | 53         | 26           | 79           | 18         | 9          | 27         |
| Chemical Engineering            | 128          | 242          | 370          | 15         | 17           | 32           | 9          | 8          | 17         |
| Civil Engineering               | 152          | 350          | 502          | 123        | 190          | 313          | 45         | 66         | 111        |
| Computer Science                | 321          | 2,051        | 2,372        | 92         | 217          | 309          | 44         | 128        | 172        |
| Electrical Engineering          | 228          | 1,533        | 1,761        | 135        | 344          | 479          | 58         | 180        | 238        |
| Manufacturing Engineering       | 3            | 7            | 10           | 0          | 0            | 0            | 0          | 0          | 0          |
| Materials Science & Engineering | 73           | 288          | 361          | 53         | 136          | 189          | 19         | 31         | 50         |
| Mechanical Engineering          | 226          | 544          | 770          | 139        | 161          | 300          | 40         | 53         | 93         |
| MS Engineering Online           | 171          | 37           | 208          | 134        | 16           | 150          | 108        | 9          | 117        |
| <b>Total</b>                    | <b>1,599</b> | <b>5,269</b> | <b>6,868</b> | <b>799</b> | <b>1,117</b> | <b>1,916</b> | <b>362</b> | <b>487</b> | <b>849</b> |
| % Foreign                       |              | 76.72%       |              |            | 58.30%       |              |            | 57.36%     |            |

\*\* Starting Fall 2018 Electrical Engineering was renamed Electrical and Computer Engineering

\*As reported by SEASnet on 12/09/2019

**Undergraduate Enrollment\***

**Foreign Students, Minorities, and Women**

|               | Total Enrolled | Females Enrolled | Percent Female | Minorities Enrolled | Percent Minorities | Foreign Enrolled | Percent Foreign |
|---------------|----------------|------------------|----------------|---------------------|--------------------|------------------|-----------------|
| <b>2019**</b> | 3,956          | 1,097            | 27.7%          | 446                 | 11.3%              | 495              | 12.5%           |
| <b>2018**</b> | 3,924          | 1052             | 26.8%          | 404                 | 10.3%              | 541              | 13.8%           |
| <b>2017**</b> | 3,627          | 922              | 25.4%          | 361                 | 10.0%              | 696              | 19.2%           |

**Gender Breakdown by Major**

| <b>B.S. Major</b>              | <b>Male</b>  | <b>Female</b> | <b>Unknown</b> | <b>% Female</b> |
|--------------------------------|--------------|---------------|----------------|-----------------|
| Aerospace Engineering          | 184          | 46            | 1              | 19.9%           |
| Bioengineering                 | 130          | 163           | 0              | 55.6%           |
| Chemical Engineering           | 195          | 127           | 1              | 39.3%           |
| Civil Engineering              | 188          | 140           | 0              | 42.7%           |
| Computer Engineering           | 78           | 17            | 0              | 17.9%           |
| Computer Science               | 744          | 213           | 7              | 22.1%           |
| Computer Science & Engineering | 227          | 70            | 0              | 23.6%           |
| Electrical Engineering         | 474          | 101           | 3              | 17.5%           |
| Materials Engineering          | 87           | 56            | 0              | 39.2%           |
| Mechanical Engineering         | 442          | 124           | 2              | 21.8%           |
| Undeclared Engineering         | 96           | 40            | 0              | 29.4%           |
| <b>Total</b>                   | <b>2,845</b> | <b>1,097</b>  | <b>14</b>      | <b>27.7%</b>    |

**Undergraduate Enrollment - Foreign & Domestic**

| <b>B.S. Major</b>              | <b>Domestic</b> | <b>Foreign</b> | <b>% Foreign</b> |
|--------------------------------|-----------------|----------------|------------------|
| Aerospace Engineering          | 218             | 13             | 5.6%             |
| Bioengineering                 | 279             | 14             | 4.8%             |
| Chemical Engineering           | 296             | 27             | 8.4%             |
| Civil Engineering              | 304             | 24             | 7.3%             |
| Computer Engineering           | 85              | 10             | 10.5%            |
| Computer Science               | 761             | 203            | 21.1%            |
| Computer Science & Engineering | 266             | 31             | 10.4%            |
| Electrical Engineering         | 490             | 88             | 15.2%            |
| Materials Engineering          | 131             | 12             | 8.4%             |
| Mechanical Engineering         | 514             | 54             | 9.5%             |
| Undeclared Engineering         | 117             | 19             | 14.0%            |
| <b>Total</b>                   | <b>3,461</b>    | <b>495</b>     | <b>12.5%</b>     |

\*As reported by the Office of Analysis and Information Management in November 2019

\*\*As of 2011, a new ethnicity category called "2 or more ethnicities" was added that is not included under minorities

\*\*\* Total for gender breakdown by major does not include 13 students who declined to identify their sex



**Graduate Enrollment\***

**Foreign Students, Minorities, and Women**

|             | Total Enrolled | Females Enrolled | Percent Female | Minorities Enrolled | Percent Minorities | Foreign Enrolled | Percent Foreign |
|-------------|----------------|------------------|----------------|---------------------|--------------------|------------------|-----------------|
| <b>2019</b> | 2193           | 495              | 22.6%          | 155                 | 7.1%               | 1214             | 55.4%           |
| <b>2018</b> | 2237           | 533              | 23.8%          | 130                 | 5.8%               | 1280             | 57.2%           |
| <b>2017</b> | 2265           | 506              | 22.3%          | 119                 | 5.3%               | 1217             | 53.7%           |

**Gender Breakdown by Major**

| <i>M.S.</i>                     | <i>Fall 2017</i> |             |              | <i>Fall 2018</i> |             |              | <i>Fall 2019</i> |             |              |
|---------------------------------|------------------|-------------|--------------|------------------|-------------|--------------|------------------|-------------|--------------|
|                                 | <i>Female</i>    | <i>Male</i> | <i>Total</i> | <i>Female</i>    | <i>Male</i> | <i>Total</i> | <i>Female</i>    | <i>Male</i> | <i>Total</i> |
| Aerospace Engineering           | 2                | 25          | 27           | 2                | 19          | 21           | 1                | 18          | 19           |
| Bioengineering                  | 10               | 18          | 28           | 10               | 15          | 25           | 12               | 17          | 29           |
| Chemical Engineering            | 2                | 12          | 14           | 1                | 16          | 17           | 4                | 24          | 28           |
| Civil Engineering               | 41               | 73          | 114          | 36               | 65          | 101          | 35               | 45          | 80           |
| Computer Science                | 81               | 158         | 239          | 81               | 162         | 243          | 58               | 184         | 242          |
| Electrical Engineering          | 69               | 279         | 348          | 60               | 220         | 280          | 47               | 181         | 228          |
| Materials Science & Engineering | 23               | 37          | 60           | 23               | 50          | 73           | 15               | 41          | 56           |
| Manufacturing Engineering       | 0                | 0           | 0            | 0                | 0           | 0            | 0                | 1           | 1            |
| Mechanical Engineering          | 14               | 101         | 115          | 9                | 76          | 85           | 12               | 53          | 65           |
| MS Engineering Online           | 67               | 286         | 353          | 77               | 282         | 359          | 77               | 285         | 362          |
| <b><i>M.S. Sub-Total</i></b>    | <b>309</b>       | <b>989</b>  | <b>1298</b>  | <b>299</b>       | <b>905</b>  | <b>1204</b>  | <b>261</b>       | <b>849</b>  | <b>1110</b>  |

| <i>Ph.D.</i>                       | <i>Fall 2017</i> |             |              | <i>Fall 2018</i> |             |              | <i>Fall 2019</i> |             |              |
|------------------------------------|------------------|-------------|--------------|------------------|-------------|--------------|------------------|-------------|--------------|
|                                    | <i>Female</i>    | <i>Male</i> | <i>Total</i> | <i>Female</i>    | <i>Male</i> | <i>Total</i> | <i>Female</i>    | <i>Male</i> | <i>Total</i> |
| Aerospace Engineering              | 1                | 37          | 38           | 2                | 29          | 31           | 4                | 28          | 32           |
| Bioengineering                     | 38               | 69          | 107          | 38               | 84          | 122          | 40               | 75          | 115          |
| Chemical Engineering               | 23               | 63          | 86           | 18               | 65          | 83           | 23               | 60          | 83           |
| Civil Engineering                  | 22               | 50          | 72           | 24               | 48          | 72           | 33               | 60          | 93           |
| Computer Science                   | 31               | 117         | 148          | 38               | 138         | 176          | 39               | 152         | 191          |
| Electrical Engineering†            | 29               | 201         | 230          | 34               | 200         | 234          | 34               | 222         | 256          |
| Materials Science & Engineering    | 28               | 93          | 121          | 32               | 97          | 129          | 32               | 84          | 116          |
| Manufacturing Engineering          | 0                | 0           | 0            | 0                | 0           | 0            | 0                | 0           | 0            |
| Mechanical Engineering             | 25               | 140         | 165          | 29               | 158         | 187          | 29               | 167         | 196          |
| <b><i>Ph.D. Sub-Total</i></b>      | <b>197</b>       | <b>770</b>  | <b>967</b>   | <b>215</b>       | <b>819</b>  | <b>1034</b>  | <b>234</b>       | <b>848</b>  | <b>1082</b>  |
| <b><i>M.S. and Ph.D. Total</i></b> | <b>506</b>       | <b>1759</b> | <b>2265</b>  | <b>514</b>       | <b>1724</b> | <b>2238</b>  | <b>495</b>       | <b>1697</b> | <b>2192</b>  |

**M.S. & Ph.D. Graduate Enrollment– Foreign & Domestic**

|             | <b>Total</b> |              | <b>Foreign</b> |              | <b>Domestic</b> |              | <b>Total</b>    |                |
|-------------|--------------|--------------|----------------|--------------|-----------------|--------------|-----------------|----------------|
|             | <b>M.S.</b>  | <b>Ph.D.</b> | <b>M.S.</b>    | <b>Ph.D.</b> | <b>M.S.</b>     | <b>Ph.D.</b> | <b>Domestic</b> | <b>Foreign</b> |
| <b>2019</b> | 1110         | 1083         | 479            | 734          | 631             | 349          | 980             | 1213           |
| <b>2018</b> | 1204         | 1033         | 563            | 692          | 641             | 341          | 982             | 1255           |
| <b>2017</b> | 1298         | 967          | 647            | 633          | 651             | 334          | 985             | 1280           |

\*As reported by the Office of Analysis and Information Management in November 2019

†One student is working towards an Engineering Degree



**Degrees Awarded**

**Undergraduate Degrees Awarded by Major\***

|                                | 2016-2017  | 2017-2018  | 2018-2019  |
|--------------------------------|------------|------------|------------|
| Aerospace Engineering          | 44         | 38         | 41         |
| Bioengineering                 | 65         | 51         | 67         |
| Chemical Engineering           | 91         | 82         | 82         |
| Civil Engineering              | 69         | 71         | 60         |
| Computer Science               | 187        | 215        | 230        |
| Computer Science & Engineering | 36         | 42         | 49         |
| Computer Engineering           | N/A        | N/A        | 4          |
| Electrical Engineering         | 129        | 154        | 137        |
| Materials Engineering          | 35         | 28         | 20         |
| Mechanical Engineering         | 129        | 137        | 144        |
| <b>B.S. Total</b>              | <b>785</b> | <b>818</b> | <b>834</b> |

**Graduate Degrees Awarded by Major**

|                                 | 2016-2017  | 2017-2018  | 2018-2019  |
|---------------------------------|------------|------------|------------|
| Aerospace Engineering           | 11         | 24         | 7          |
| Bioengineering                  | 37         | 26         | 19         |
| Chemical Engineering            | 8          | 9          | 7          |
| Civil Engineering               | 109        | 94         | 87         |
| Computer Science                | 110        | 111        | 152        |
| MS Engineering Online           | 114        | 140        | 116        |
| Electrical Engineering          | 204        | 169        | 207        |
| Materials Science & Engineering | 23         | 28         | 24         |
| Mechanical Engineering          | 100        | 105        | 71         |
| <b>M.S. Total</b>               | <b>716</b> | <b>706</b> | <b>690</b> |

|                        | 2016-2017 | 2017-2018 | 2018-2019 |
|------------------------|-----------|-----------|-----------|
| <b>Engineer Degree</b> | <b>0</b>  | <b>0</b>  | <b>0</b>  |

|                                 | 2016-2017  | 2017-2018  | 2018-2019  |
|---------------------------------|------------|------------|------------|
| Aerospace Engineering           | 6          | 7          | 3          |
| Bioengineering                  | 29         | 19         | 17         |
| Chemical Engineering            | 13         | 16         | 13         |
| Civil Engineering               | 7          | 9          | 12         |
| Computer Science                | 21         | 22         | 22         |
| Electrical Engineering          | 42         | 29         | 31         |
| Materials Science & Engineering | 19         | 22         | 20         |
| Mechanical Engineering          | 19         | 30         | 13         |
| <b>Ph.D. Total</b>              | <b>156</b> | <b>154</b> | <b>131</b> |

**Graduate Degree Total**                      **872**                      **860**                      **821**

\*As reported by the Office of Analysis and Information Management in November 2019



**Faculty FTE by Departments**

|                                 | <b>2017-2018</b>     | <b>2018-2019</b>     | <b>2019-2020</b>     |
|---------------------------------|----------------------|----------------------|----------------------|
| Budgeted Faculty                | 213.21               | 218.21               | 218.21               |
| Bioengineering                  | 12.00                | 13.50                | 14.50                |
| Chemical Engineering            | 12.50                | 13.50                | 13.50                |
| Civil Engineering               | 20.50                | 19.00                | 20.00                |
| Computer Science                | 34.67                | 37.67                | 36.67                |
| Electrical Engineering          | 46.33                | 44.83                | 45.83                |
| Mechanical & Aerospace Engr     | 35.00                | 37.00                | 36.00                |
| Materials Science & Engineering | 12.00                | 13.00                | 14.00                |
| Biomedical Engineering IDP      | 0.00                 | 0.00                 | 0.00                 |
|                                 | <b>173.0</b>         | <b>178.50</b>        | <b>180.50</b>        |
|                                 | <b>filled roster</b> | <b>filled roster</b> | <b>filled roster</b> |
| <b>Total</b>                    | <b>FTE</b>           | <b>FTE</b>           | <b>FTE</b>           |

*Note: the difference between budgeted FTE and filled roster FTE is used for Teaching Assistants and temporary faculty. These figures are not to be used to report faculty statistics outside the UC System.*

*Note: Any statistical discrepancies in this report with other reported UCLA Samueli statistics, will be due to date statistic audits were queried.*