Materials Science and Engineering Survey
Sponsored by the University Materials Council

Participating Universities:

- Arizona State University
- Auburn University
- Boise State University
- California Polytechnic State University
- Carnegie Mellon University
- Clemson University
- Colorado School of Mines
- Cornell University
- Drexel University
- Georgia Institute of Technology
- Iowa State University
- Johns Hopkins University
- Lehigh University
- Massachusetts Institute of Technology
- Michigan State University
- New Mexico Institute of Mining and Technology
- New York State College of Ceramics @ Alfred University
- North Carolina State University
- Ohio State University
- Oregon State University
- Pennsylvania State University
- Purdue University
- Rensselaer Polytechnic Institute
- Rutgers, The State University of New Jersey
- State University of New York at Binghamton
- Stony Brook University
- The University of Texas at Austin
- University of Alabama
- University of Alabama at Birmingham
- University of Alberta
- University of Connecticut
- University of Delaware
- University of Florida
- University of Illinois
- University of Kentucky
- University of Maryland
- University of Michigan
- University of Missouri-Rolla
- University of North Texas
- University of Pennsylvania
- University of Tennessee, Knoxville
- University of Texas at Arlington
- University of Toronto
- University of Virginia
- University of Wisconsin-Madison
- Virginia Polytechnic Institute and State University
- Washington State University
- Worcester Polytechnic Institute

Fall 2007 Statistics
Materials Science and Engineering Survey
Sponsored by the University Materials Council

No. of Full Time Equivalent Faculty

<table>
<thead>
<tr>
<th>No. of Faculty</th>
<th>Institution (frequency)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>7</td>
</tr>
<tr>
<td>3-5</td>
<td>2</td>
</tr>
<tr>
<td>6-8</td>
<td>4</td>
</tr>
<tr>
<td>9-11</td>
<td>7</td>
</tr>
<tr>
<td>12-14</td>
<td>6</td>
</tr>
<tr>
<td>15-17</td>
<td>7</td>
</tr>
<tr>
<td>18-20</td>
<td>4</td>
</tr>
<tr>
<td>21-23</td>
<td>3</td>
</tr>
<tr>
<td>24-26</td>
<td>3</td>
</tr>
<tr>
<td>27-29</td>
<td>2</td>
</tr>
<tr>
<td>30+</td>
<td>2</td>
</tr>
</tbody>
</table>

Fall 2007 Statistics
Materials Science and Engineering Survey
Sponsored by the University Materials Council

Average Full Professors: 10.35
Average Associates Professors: 3.48
Average Assistant Professors: 2.49

No. of FTE Faculty

Fall 2007 Statistics
FTE Faculty

No. of Professors

Institution Number

Male  Female  Under rep

Fall 2007 Statistics
Average Full Professors Salary: $125,834
Average Associates Professors Salary: $87,660
Average Assistant Professors Salary: $73,834
Upper Decile of Each Percentile Group

<table>
<thead>
<tr>
<th>Percentile</th>
<th>Assistant Professor</th>
<th>Associate Professor</th>
<th>Full Professor</th>
</tr>
</thead>
<tbody>
<tr>
<td>25 Percentile</td>
<td>80,000</td>
<td>105,000</td>
<td>130,000</td>
</tr>
<tr>
<td>50 Percentile</td>
<td>120,000</td>
<td>150,000</td>
<td>200,000</td>
</tr>
<tr>
<td>75 Percentile</td>
<td>160,000</td>
<td>195,000</td>
<td>250,000</td>
</tr>
<tr>
<td>90 Percentile</td>
<td>200,000</td>
<td>220,000</td>
<td>270,000</td>
</tr>
</tbody>
</table>

Salary ($) vs Percentiles

Fall 2007 Statistics
Total PhD Students

Fall 2007 Statistics
Number of Graduate Students

- Grads Supported by Grants
- Grads Supported by Fellowships
- Grads Supported by Department

Fall 2007 Statistics
2007 Degrees Awarded (BS, MS & PhD)
Averages: BS 24.46, MS 9.32, PhD 9.49
Additional Data

- Average New Assistant Professor salary: $78,648
- Average number of Postdocs: 9.92
- Average Postdoc salary: $37,476
- Upper decile Postdoc salary: $42,151
- Almost all schools permit 3/9 summer salary
- Average teaching assignment: 11.0 Hours
BS Degrees Awarded (Female, Minorities & Foreign)

- **Number Range**
  - 1-3
  - 4-7
  - 8-11
  - 12-15
  - 16-19
  - 20+

- **Institutions (frequency)**
  - BS Female
  - BS Minority
  - BS Foreign

Fall 2007 Statistics
MS Degrees Awarded (Female, Minorities & Foreign)

Institution (frequency)

Number Range

1-3
4-7
8-11
12-15
16-19
20+

MS Female
MS Minority
MS Foreign

Fall 2007 Statistics
PhD Degrees Awarded (Females, Minorities, Foreign)

Number Range

Institution (frequency)

1-3  4-7  8-11  12-15  16-20  21+  31+

PhD Female  PhD Minority  PhD Foreign

Fall 2007 Statistics
Materials Science and Engineering Survey
Sponsored by the University Materials Council

Average Verbal scores: 517
Average Analytical scores: 4.45
Average Quantitative scores: 750

Fall 2007 Statistics
Materials Science and Engineering Survey
Sponsored by the University Materials Council

Average MSE SAT Scores: 1192.63
Average Eng. SAT Scores: 1181.06

Average MSE ACT Scores: 23.42
Average Eng. ACT Scores: 24.53

Fall 2007 Statistics
Average MS Stipend: $9,765
Average PhD Stipend: $13,820

Materials Science and Engineering Survey
Sponsored by the University Materials Council

Fall 2007 Statistics
Average Funds/Faculty: $309,112

Materials Science and Engineering Survey
Sponsored by the University Materials Council

Fall 2007 Statistics
Materials Science and Engineering Survey
Sponsored by the University Materials Council

Fall 2007 Statistics

Average Publications/Faculty: 3.86
Materials Science and Engineering Survey
Sponsored by the University Materials Council

Fall 2007 Statistics

Average PhD Students / EFT Faculty: 3.30
Maximum PhD Students / EFT Faculty: 8.90
Minimum PhD Students / EFT Faculty: 0.00
Distribution of Students

- Total Under-represented
- Total Female
- Total Male

Fall 2007 Statistics