RESEARCH EXCELLENCE

Carnegie Classification™ “R1: Doctoral Universities” with the Highest Research Activity in Massachusetts:

+ UMass Amherst (only public university on list)
+ Boston College
+ Boston University
+ Brandeis University
+ Harvard University
+ Massachusetts Institute of Technology
+ Northeastern University
+ Tufts University

$54.5 MILLION
in research expenditures*
U.S. News and World Report (2018 Rankings)

VALUE

FTE student to faculty ratio
14:1

U.S. News and World Report 2018 Engineering Undergraduate Rankings

<table>
<thead>
<tr>
<th>School/College/University</th>
<th>Public or Private</th>
<th>Rank (overall)</th>
<th>Undergraduate Tuition and Fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boston University</td>
<td>Private</td>
<td>49 (tie)</td>
<td>$52,082</td>
</tr>
<tr>
<td>Northeastern University</td>
<td>Private</td>
<td>49 (tie)</td>
<td>$49,497</td>
</tr>
<tr>
<td>Tufts</td>
<td>Private</td>
<td>56</td>
<td>$54,318</td>
</tr>
<tr>
<td>UMass Amherst</td>
<td>Public</td>
<td>61 (tie)</td>
<td>$15,596 in-state $33,662 out-of-state</td>
</tr>
<tr>
<td>Worcester Polytechnic Institute</td>
<td>Private</td>
<td>61 (tie)</td>
<td>$48,628</td>
</tr>
<tr>
<td>UMass Lowell</td>
<td>Public</td>
<td>125</td>
<td>$14,800 in-state $31,865 out-of-state</td>
</tr>
</tbody>
</table>

*Includes engineering disciplines, polymer science, and computer science

Committed to diversity and inclusion

Students are invited to join:

+ Society of Women Engineers (SWE)
+ Out in STEM (oSTEM)
+ National Society of Black Engineers (NSBE)
+ Society of American Military Engineers (SAME)
+ Society of Hispanic Professional Engineers (SHPE)

TOP 50
in The Princeton Review’s “Guide to 375 Green Colleges”
(September 2017)

Among Massachusetts colleges and universities, UMass Amherst ranks third in research grants from the National Science Foundation, behind only MIT and Harvard.
**INCOMING FIRST-YEAR STUDENT PROFILE**

**Fall 2017, Pre-engineering**

- **4.06** mean, weighted GPA
- **1290–1400** SAT combined, new scale 25th–75th percentile

**Undergraduate Degrees**
- Biomedical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Systems Engineering
- Electrical Engineering
- Industrial Engineering
- Mechanical Engineering

**Accelerated Master’s Degree Programs (4+1)**
- Civil and Environmental
- Electrical and Computer Engineering
- Industrial Engineering
- Mechanical Engineering

**Engaged Learning is a Priority**

We encourage students to connect and transfer engineering skills learned in the classroom to real-world challenges. Our faculty use innovative instructional techniques, such as team-based learning, flipped classrooms, and mastery learning.

**New Learning Spaces**

Over the past decade, UMass Amherst has invested $1.8 billion in building projects and renovations. These include: the Integrative Learning Center; the Physical Sciences Building; and the Life Science Laboratories, which house the Institute for Applied Life Sciences (IALS) and faculty clusters working on cutting-edge research and technologies.

**111 First-Rate Faculty**

...who have received prestigious awards, honors, and grants from the nation’s most respected government agencies and professional societies

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**In the Graduating Class of 2017...**

- **80%** participated in experiential learning opportunities:
  - internships
  - co-ops
  - research
  - study-abroad
  - competitions
  - service learning

- **1 in 3** participated in undergraduate research
- **3 in 5** participated in internship or co-op

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**CAREER PLACEMENT**

6 months out – 88% reported

- **92%** successful placement for those who reported

**456 ENGINEERING UNDERGRADUATE DEGREES GRANTED 2016–2017**

- **$65,702** median starting salary
  - salary range (middle 80%)
  - $54,300 – $75,420