ABOUT OUR STUDENTS AND ALUMNI*

Enrollment 2,584
Undergraduate 1,920
Graduate 664
Freshman SAT average 1315
Freshman high school average 94
Transfer GPA 3.45
Alumni 11,124 (88% in the United States, including 48% in New York state)

*Fall 2012

OUR FACILITIES ARE GROWING

To accommodate steadily increasing student enrollment and the faculty who continue to join our outstanding team, the new Engineering and Science Building has been constructed as part of the Innovative Technologies Complex. This $66-million facility provides additional space for faculty, students and research programs. The next phase of renovations will be initiated at the Engineering Building in the center of campus, allowing for further expansion and development of the Watson School.

A SCHOOL ON THE MOVE

The Thomas J. Watson School of Engineering and Applied Science offers bachelor’s, master’s and doctoral programs that equip tomorrow’s leaders with the skills to be creative, innovative, enlightened and entrepreneurial. Our graduates are prepared to make an impact on a world that is continually shaped by the forces of new technologies and economic globalization. The school consists of five departments: bioengineering, computer science, electrical and computer engineering, mechanical engineering, and systems science and industrial engineering. Freshmen enter the engineering program through a common first-year engineering design experience. In addition, our interdisciplinary materials science and engineering program offers graduate degrees.

A DYNAMIC PLACE TO LEARN

Engineering and computer science continue to rank among the fastest-growing and highest-paying occupations. And each year more students are looking to the Watson School to provide them with the strong education and cutting-edge experience they need to hit the ground running in these highly competitive fields. Inspired faculty and our commitment to innovation and real-world experience combine to make Binghamton University a dynamic place to learn.

Watson School Enrollment

<table>
<thead>
<tr>
<th>Year</th>
<th>Undergraduate</th>
<th>Graduate</th>
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</thead>
<tbody>
<tr>
<td>2007</td>
<td>2,017</td>
<td>667</td>
</tr>
<tr>
<td>2008</td>
<td>2,206</td>
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<td>2009</td>
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<tr>
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<td>2,520</td>
<td>668</td>
</tr>
<tr>
<td>2012</td>
<td>2,584</td>
<td>668</td>
</tr>
</tbody>
</table>
In today's highly competitive market, research expenditures continue to top $10 million with nearly 20 percent of research in the Watson School funded by industry. Fully 85 percent of Watson School’s tenured or tenure-track faculty have externally funded research projects.

**ORGANIZED RESEARCH CENTERS**

- The Small Scale Systems Integration and Packaging Center addresses research challenges in small-scale system design, process development, prototyping and manufacturing. S3IP is one of six Centers of Excellence in New York state and is the umbrella for the CAMM, CASP, ES2 and IEEC.
- The Center for Advanced Microelectronics Manufacturing (CAMM) is spearheading the development of next-generation roll-to-roll electronics manufacturing capabilities.
- The Center for Autonomous Solar Power (CASP) addresses the scientific challenges in reducing the cost of solar power and enhancing energy efficiency to bridge the technology and commercialization gap.
- The Center for Energy-Smart Electronic Systems (ES2) pursues research aimed at improving the energy efficiency and energy consumption of electronic systems, ranging from microchips to data centers. Researchers investigate chip, software and packaging solutions to interdisciplinary solutions required at the system level. ES2 is an NSF Industry/University Cooperative Research Center.
- The Integrated Electronics Engineering Center (IEEC) pursues research in electronics packaging, which deals with bringing a semiconductor chip and its resident circuitry to a form that can be integrated into a larger microelectronics assembly.
- The Center for Advanced Information Technologies (CAIT) fosters academic and research activities in information security and assurance, as well as global computer and communication networks.
- The Clinical Science and Engineering Research Center (CSERC) undertakes a wide variety of clinical chronic disease research studies.
- The Watson Institute for Systems Excellence (WISE) tackles projects in electronics manufacturing and productivity enhancement, as well as healthcare management and food distribution.