

**COLLEGE of ENGINEERING and INFORMATION TECHNOLOGY****COEIT Fast Facts**

The College of Engineering and Information Technology (COEIT) at UMBC includes the [Departments of Chemical and Biochemical Engineering](#), [Civil and Environmental Engineering](#), [Computer Science and Electrical Engineering](#), [Information Systems](#), and [Mechanical Engineering](#). COEIT is dedicated to integrating undergraduate and graduate education, research and innovation, and service to address evolving global needs.

The College offers Bachelor's, Master's, and Doctoral degrees in various engineering and computer science, and information systems programs. We offer programs for traditional full-time students as well as programs for the part-time professional. UMBC is located within the Baltimore-Washington, DC corridor, and offers students and researchers unique and dynamic opportunities to explore and examine a wide variety of topics. US News and World Report recently ranked UMBC fifth in the nation as an "up and coming school," and programs in the College are ranked for top enrollments and degrees for in several areas. In the past year, faculty, staff, and students within the College of Engineering and Information Technology have won various awards for research, service, and educational achievements.

**Our Students<sup>1</sup>**

In Fall 2008, enrollments in the College of Engineering and Information Technology included 2297 undergraduate and 850 graduate students: 432 students received undergraduate degrees; 197 received graduate degrees (161 M.S. and 36 Ph.D.); and 11 received graduate certificates.

Fourteen percent (14%) of full time undergraduate students in engineering and information technology are women, 4% are international students, and 18% are under-represented minority students.

Twenty-eight percent (28%) of full time graduate students in engineering and information technology are women, 26% are international students, and 14% are under-represented minority students.

**Our Faculty**

We have 78 tenure/tenure track faculty; 14 full-time instructional and 19 non-teaching research professionals.

To find out more information about the Engineering and Information Technology degrees and certificate programs available in the College, please contact the specific Department.

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<sup>1</sup> All data is provided by UMBC [Office of Institutional Research](#), which functions as the primary source for official campus statistics, complying with federal, State and University System of Maryland reporting requirements. The engineering and information technology professions consider underrepresented groups to be African American, Native American, and Hispanic.

## **Our Departments and Programs**

[Chemical and Biochemical Engineering](#), Julia Ross, Professor and Chair

B.S. in Chemical Engineering

B.S. in Chemical Engineering – Biotechnology and Bioengineering Track

M.S. and Ph.D. in Chemical and Biochemical Engineering

[Civil and Environmental Engineering](#), Brian Reed, Willard and Lillian Hackerman Chair in Engineering

M.S. and Ph.D. in Civil Engineering (with emphasis in environmental engineering)

[Computer Science and Electrical Engineering](#), Charles Nicholas, Professor and Chair

B.S., M.S., and Ph.D. in Computer Science

B.S. in Computer Engineering – VLSI and Communications Tracks

M.S. and Ph.D. in Computer Engineering

M.S. and Ph.D. in Electrical Engineering

M.S. in Systems Engineering

M.S. in Engineering Management

[Information Systems](#), Andrew Sears, Professor and Chair

B.S., M.S., and Ph.D. in Information Systems (including traditional and on-line M.S. programs)

B.T.A. in Business Technology Administration

M.S. and Ph.D. in Human-Centered Computing

[Mechanical Engineering](#), Shlomo Carmi, Professor and Interim Chair

B.S., M.S., and Ph.D. in Mechanical Engineering

## **Our Affiliated Centers**

[Center for Advanced Sensor Technology \(CAST\)](#)

[Center for Advanced Studies in Photonics Research \(CASPR\)](#)

[Center for Information Security and Assurance \(CISA\)](#)

[Center for Urban Environmental Research & Education \(CUERE\)](#)

[Center for Women and Information Technology \(CWIT\)](#)