COLLEGE OF ENGINEERING

Since its inception as a school in 1996, the now-College of Engineering at VCU has brought innovative, real-world engineering education to Central Virginia. The college currently teaches nearly 2,000 undergraduate students and approximately 300 graduate students. Students can earn B.S., M.S. and Ph.D. degrees through the departments of Biomedical Engineering, Chemical and Life Science Engineering, Computer Science, Electrical and Computer Engineering, and Mechanical and Nuclear Engineering.

Engineering skills alone do not equal success in the 21st century. The college challenges students to think bigger and actively collaborate with community businesses and students from a wealth of backgrounds — such as graphic design, physics and health care. Cross-disciplinary focus areas include sustainability and energy engineering, micro- and nano-electronic systems, pharmaceutical engineering, mechanobiology and regenerative medicine, security and mining of big data, and device design and development.

Students also benefit from close, personal interactions with faculty and from the many opportunities available for internships, cooperative education and undergraduate research experiences. Interdisciplinary research opportunities are offered through various state-of-the-art facilities, including the college's Nanomaterials Core Characterization Facility, the Institute for Engineering and Medicine, the Wright-Virginia Microelectronics Center, the dean's undergraduate research initiative and the da Vinci Center. To learn more, visit the College of Engineering website (http://www.egr.vcu.edu/).