Electrical Engineering & Computer Science

Thank you for your inquiry to the Department of Electrical Engineering and Computer Science (EECS) at Case Western Reserve University (CWRU). Our vision is *distinction through excellence, productivity and innovation*. We strive for a vibrant and enjoyable environment of high quality teaching and research. If you are interested in electronics, computer hardware, software engineering, bioinformatics, databases, computer networks, semiconductor technology, global systems, control, signal processing, or robotics—to name just a few—then CWRU's EECS Department is the place for you!

Our department offers the following synergetic B.S. degrees: electrical engineering, systems & control engineering, computer engineering, and computer science. We also offer a bachelor of *arts* in computer science. But one key advantage at Case is that you need not choose your major now. Majors are declared at the *end* of the freshman year. During your first year, we'll provide many opportunities for you to explore various degree options and research programs. Students in any degree programs may readily change their major up to the beginning of junior year. This allows students to test the waters in a variety of subjects, research areas, and even Co-Op, before making that final career decision.

EECS programs are multi-disciplinary in nature. Students are encouraged to explore electives. There are also many specialized programs to allow you to pursue specific career goals. For example, if you are interested in industry, apply to Co-Op or intern at a company on a real-world project. To expand your understanding of world cultures or perfect use of a foreign language, participate in an international program such as Junior Year Abroad. To get on a research project, try the B.S./M.S. program. B.S./M.S. students may start taking graduate classes in their senior year and begin working with a professor on a research project. Many of these programs are described in more detail on our website: www.eecs.cwru.edu.

Our graduates have a long tradition of professional success. For the past several years, the top three employers of EECS graduates have been Intel, Microsoft and Motorola. But our graduates go on to many other large and small companies, as well as to top graduate schools. Our alumni are often senior researchers, corporate officers, and even founders of their own companies!

Our faculty are happy to talk about your specific interests. For information on Electrical Engineering and Systems & Control Engineering, contact Professor Marc Buchner at (216) 368-4096 or e-mail mxb11@po.cwru.edu. For more information on Computer Engineering and Computer Science, contact Professor George Ernst at (216) 368-2839 or e-mail gwe@po.cwru.edu.

I invite you to take a look at our department website for more information. Be sure to visit our page devoted to prospective students: www.eecs.cwru.edu/admissions/UG_Admission_Info.php.

Mehran Mehregany, Chairman
Dept. of Electrical Engineering and Computer Science
Department web page: http://eecs.cwru.edu