

# ELECTRICAL COMPUTER ENGINEERING

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## Address

University of Missouri-Kansas City  
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## Undergraduate Programs

- Bachelor of Science in Electrical and Computer Engineering (<http://catalog.umkc.edu/colleges-schools/science-engineering/electrical-computer-engineering/bachelor-of-science-electrical-computer-engineering/>)

A BS/MS Option for completing both an undergraduate degree and a masters degree within five years is available for ECE/EE.

The bachelor of science in electrical and computer engineering (B.S.) is for students wanting to pursue a career in electrical engineering or electrical and computer engineering.

## Graduate Programs:

- Master of Science in Electrical Engineering (<http://catalog.umkc.edu/colleges-schools/science-engineering/electrical-computer-engineering/master-of-science-electrical-engineering/>)

Electrical Computer Engineering also participates in the Ph.D. program of the University of Missouri-Kansas City. This program is administered through the School of Graduate Studies at the University of Missouri-Kansas City and requires a student to select both a primary discipline and a co-discipline. Many doctoral students choose both primary and co-disciplines in our department or the School of Science and Engineering, but other disciplines can be taken as well. For more information, please refer to the School of Graduate Studies (<http://catalog.umkc.edu/colleges-schools/graduate-studies/>) in this catalog.

## Financial Assistance for Doctoral Students

Graduate assistantships are available to prospective doctoral students, but are highly competitive. Currently, most full-time Ph.D. students in the CSEE department are supported either as a graduate assistant or as graduate research assistant, or as graduate teaching assistant.

Doctoral students already in the program are eligible to apply for several fellowships available from the School of Graduate Studies. Check the School of Graduate Studies Web site at [www.umkc.edu/sgs/financial.asp](http://www.umkc.edu/sgs/financial.asp) (<https://sgs.umkc.edu/prospective-students/funding-your-graduate-education/>) for additional information.

## Faculty

### Electrical & Computer Engineering Faculty

**Cory Beard**<sup>2,3</sup>; associate professor; B.S., M.S. (University of Missouri-Columbia); Ph.D. (University of Kansas).

**Deb Chatterjee**<sup>2,3</sup>; associate professor; B.E.Tel.E. (Jadavpur University, India); M.Tech. (India Institute of Technology-Kharagpur, India); M.A.Sc. (Concordia University, Canada); Ph.D. (University of Kansas).

**Ghulam M. Chaudhry**; professor emeritus; B.S. (University of Punjab, Pakistan); M.S. (B.Z. University, Pakistan); M.S., Ph.D. (Wayne State University).

**Masud H. Chowdhury**<sup>2,3</sup>; department of computer science and electrical engineering, and professor; B.S. (Bangladesh U. of Engineering & Technology, Dhaka 1000, Bangladesh); Ph.D. (Northwestern University).

**Reza Derakhshani**<sup>2,3</sup>; professor; B.S. (Iran University of Science and Technology); M.S., Ph.D. (West Virginia University).

**Preetham Goli**<sup>2</sup>; associate teaching professor; B.Tech (Andhra University, India), Ph.D. (University of Houston).

**Hichem Guerboukha**; assistant professor; B.S., M.S., Ph.D. (University of Montréal-Polytechnique Montréal).

**Ahmed M. Hassan**<sup>2,3</sup>; associate professor; B.S., M.S. (Cairo University); Ph.D. (University of Arkansas).

**Kevin Kirkpatrick**<sup>2</sup>; teaching professor; B.S. (University of Missouri-Rolla); M.S. (University of Missouri - Columbia).

**Jerome Knopp**; associate professor emeritus; B.S., M.S., Ph.D. (University of Texas-Austin).

**Zhu Li**<sup>2,3</sup>; professor; B.S. (Sichuan University, China); M.S. (University of Louisiana-Lafayette) Ph.D. (Northwestern University).

**Ashiqur Rahman**; instructor; B.Sc., M.Sc. (university of Dhaka); Ph.D. (National University of Malaysia).

**Mostafizur Rahman**<sup>2,3</sup>; associate professor; B.S. (North South University, Bangladesh); Ph.D. (University of Massachusetts-Amherst).

**Sayan Roy**; assistant professor; Ph.D. (North Dakota State University).

**Mei-Ling Shyu**; professor; M.S., Ph.D. (Purdue University).

<sup>2</sup> Members of UMKC Graduate Faculty

<sup>3</sup> Members of UMKC Doctoral Faculty