

# ELECTRICAL ENGINEERING

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*Chair and Robert W. and Alice M. Bauchman Professor in Engineering:*  
Gregory L. Snider

*H.C. and E.A. Brosey Professors of Electrical Engineering:*  
Panagiotis J. Antsaklis; Gregory Timp

*Leonard Bettex Chair of Electrical Engineering:*  
Daniel J. Costello Jr. (emeritus)

*Frank M. Freimann Professors of Electrical Engineering:*  
Gary H. Bernstein; Martin Haenggi; Bertrand Hochwald; Craig Lent;  
Wolfgang Porod

*Stinson Professor of Nanotechnology:*  
Patrick J. Fay

*Professors:*  
Peter H. Bauer (emeritus); William B. Berry (emeritus); Thomas E. Fuja;  
Monica Ghosh; Eugene W. Henry (emeritus); Christopher Hinkle; Anthony  
Hoffman; Yih-Fang Huang; Thomas H. Kosel (emeritus); J. Nicholas  
Laneman; Michael D. Lemmon; Hai Lin; Christine M. Maziar; Alan C.  
Seabaugh (emeritus); Ranjan Singh; Roxana Smarandache; Gregory L.  
Snider; Robert L. Stevenson

*Associate Professors:*  
Jonathan Chisum; Douglas C. Hall; Scott Howard; Lei Liu; Thomas  
O'Sullivan; Ken D. Sauer (emeritus)

*Assistant Professors:*  
Ningyuan Cao; Mengxue Hou; Kai Ni; Yasemin Ozkan-Aydin; Zhi Zheng

*Research Professors:*  
Alexander Mintairov (emeritus); Alexei Orlov

*Frank M. Freimann Collegiate Research Professor:*  
Thomas Pratt

*Teaching Professor:*  
R. Michael Schafer

*Concurrent Faculty:*  
Sharon Hu; Siddharth Joshi; Ed Kinzel

department also offers programs that lead to a master of science in electrical engineering and a Ph.D.

- Electrical Engineering (BSEE) (<https://catalog.nd.edu/undergraduate/engineering/electrical-engineering/electrical-engineering-bsee/>)

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## Program Goals

The goals of the Department of Electrical Engineering's academic programs are to provide quality education and to foster leading-edge research as means of training highly qualified engineers and leaders of tomorrow, in keeping with the mission of the University of Notre Dame.

## Program of Studies

The Department of Electrical Engineering offers programs of study that lead to the degrees of bachelor of science in electrical engineering and bachelor of science in computer engineering. Both programs are accredited by the Engineering Accreditation Commission of ABET, [abet.org](http://www.abet.org) (<http://www.abet.org>), under the General Criteria and the Program Criteria for Electrical, Computer, Communications, Telecommunication(s) and Similarly Named Engineering Programs. The