PEOPLE
Faculty, Staff, Alumni
- Faculty - 70
- Research Scientists - 17
- Visiting Researchers - 100+
- Alumni - 18,000+

Undergraduate Students
- Electrical Engineering - 326
- Computer Engineering - 272

Graduate Students (ECE)
- MSE - 424
- PhD - 293

DEGREES AWARDED
- Electrical Engineering BSE - 116
- Computer Engineering BSE - 94
- MSE - 310
- PhD - 55

FACULTY HONORS
- Endowed and Named Professors - 28
- Fellow Titles - 77
- CAREER/Young Investigator Awards - 49
- NAE Members - 6
- Innovation Awards - 31
- Education Awards - 80

DIRECTORY
Administration
- Chair: Mingyan Liu [mingyan@umich.edu]
- Senior Associate Chair: Dennis Sylvester [dmcs@umich.edu]
- Associate Chair of Undergraduate Affairs: Jamie Phillips [jphilli@umich.edu]
- Associate Chair of Graduate Affairs: Heath Hofmann [hofmann@umich.edu]
- Administrative Manager: Lisa Armstrong [lisaj@umich.edu]

Program Coordinators
- Undergraduate Program: Catie Lenaway [lenaway@umich.edu]
- PHD Degree Program: Kristen Thornton [thorntok@umich.edu]
- Master's Degree Program: Johnny Linn [johnlinn@umich.edu]

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ece.umich.edu
Michigan ECE has a rich history, offering academic programs in electrical engineering since 1889 and computer engineering since 1971.

ACADEMIC PROGRAMS

Undergraduate Programs (BSE)
- Electrical Engineering (EE)
- Computer Engineering (CE)

Minor:
- Electrical Engineering

Graduate Programs (MSE & PhD)
- Electrical and Computer Engineering (ECE)

Special Related Programs:
- Certificate in Computational Discovery and Engineering
- Certificate in Plasma Science & Engineering
- Certificate in Data Science
- Certificate in Engineering Education Research
- Certificate in Precision Health

RANKINGS

Our undergraduate and graduate programs are ranked between 5 and 7 in the nation by U.S. News & World Report. The University of Michigan has 102 programs ranked in the top 10 in the nation, including in Law, Medicine, and Business; 10 are in the College of Engineering.

TECH TRANSFER

- 55 Invention Disclosures (FY18)
- 53 U.S. Patents (FY18)
- 18 License Agreements (FY18)
- 17 Startups (Since 2010)

RESEARCH

Externally Funded Research Expenditures
$40M (FY18)

Major Research Centers and Labs
- Center for Dynamic Magneto-Optics (DYNAMO)  
  Stephen Rand, Director
- Center for Microwave Sensor Technology  
  Kamal Sarabandi, Director
- Center for Ultrafast Optical Science (CUOS)  
  Karl Krushelnick, Director
- Center for Wireless Integrated MicroSensing & Systems (WIMS²)  
  Yogesh Gianchandani, Director
- DOE Plasma Science Center  
  Mark Kushner, Director
- International Program for the Advancement of Neurotechnology (IPAN)  
  Euisik Yoon, Director
- Michigan Integrated Circuits Laboratory (MICL)  
  David Blaauw, Director
- Michigan Power & Energy Lab (MPEL)  
  Ian Hiskens, Director
- Multimodal Integrated Neural Technologies (MINT)  
  Euisik Yoon, Director
- Optics and Photonics Laboratory  
  Ted Norris, Director
- Radiation Laboratory  
  Kamal Sarabandi, Director

Major Research Projects
- Bipedal Robotics  
  Jessy Grizzle, PI
- Domain-Focused Advanced Software-Reconfigurable Heterogeneous System on Chip  
  Hun Seok Kim, PI
- Dynamic Cyber-Physical Systems  
  Jessy Grizzle, PI
- Fully-Autonomous System on Chip Synthesis  
  David Wentzloff, PI
- High-Performance MEMS Vibratory Gyroscope  
  Khalil Najafi, PI
- Michigan Micro Mote (M³)  
  David Blaauw and Dennis Sylvester, PI’s
- Organic Electronics, LED’s, Photovoltaics  
  Stephen Forrest, PI
- Micromachined Sensors and Actuators  
  Yogesh Gianchandani, PI
- MURI: Multiscale Network Games of Collusion and Competition  
  Mingyan Liu, PI
- MURI: Value-centered Information Theory for Adaptive Learning, Inference, Tracking and Exploitation  
  Al Hero, PI
- Reducing Student Resistance to Active Learning  
  Cindy Finelli, PI
- Scalable Quantum Engineering and Manufacturing  
  Zetian Mi, PI
- Sparse Adaptive Local Learning for Sensing and Analytics  
  Wei Lu, PI
- Lurie Nanofabrication Facility (LNF)  
  Wei Lu, Director
  lnf.umich.edu