ADMISSION REQUIREMENTS				
	Master of Engineering	**Master of Science**	**Direct PhD**	**PhD**
Previous Degree	Bachelor of Science	Bachelor of Science	Bachelor of Science	Master of Science
Recommended GPA	3.0/4.0	3.3/4.0	3.5/4.0	3.5/4.0
Additional Materials (to be submitted online)	Virginia Tech Graduate School Application Form			
	Official Transcripts			
	Three (3) Recommendation Letters			
	A Resume and a Statement of Purpose			

RECOMMENDED MINIMUM TEST SCORES	
GRE	**All Applicants**
Verbal (V)	153
Quantitative (Q)	157
Writing (W)	4.5
TOEFL	**International Applicants**
Internet-Based	96-97
Computer-Based	Total 243
Paper-Based	Total 590-593
IELTS Band	Total 7.5

Financing Your Graduate Studies

Students pursuing their CPE or EE graduate degrees are often supported by a Graduate Research Assistantship (GRA), Graduate Teaching Assistantship (GTA), or a Fellowship. A monthly stipend, full tuition, fees (except comprehensive & capital), and the majority of medical insurance are paid by these assistantships.

The majority of CPE and EE graduate students are supported on GRA. Applicants are encouraged to contact our ECE faculty to identify mutual interest in specific research programs.

Direct Ph.D.

Highly qualified applicants without a masters degree who wish to apply to the Ph.D. program must apply for the direct- Ph.D. program.

Graduate Admission Key Dates & Deadlines

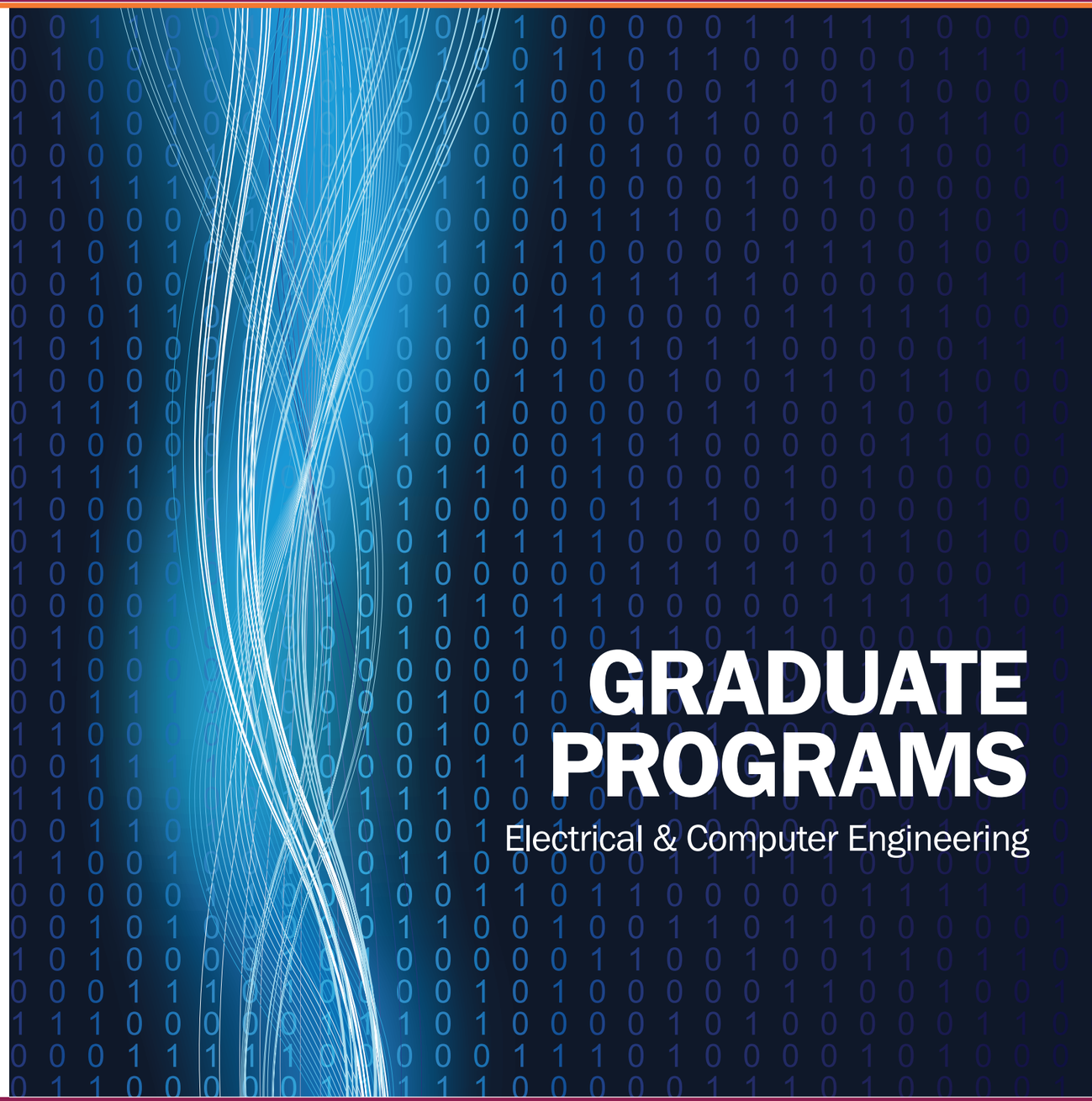
Fall Admission:

- December 31st – Last day for all applicants to apply to be considered for funding
- January 15th – Last day for international applicants to apply
- July 1st – Last day for domestic applicants to apply

Spring Admission:

- September 1st – Last day for all applicants to apply to be considered for funding
- September 1st – Last day for international applicants to apply
- December 1st – Last day for domestic applicants to apply

VT/0715/500/161101/EL/ENG2014-0136



Bradley Department of Electrical & Computer Engineering
www.ece.vt.edu/graduate

VirginiaTech
College of Engineering

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VirginiaTech
College of Engineering

Electrical & Computer Engineering

The Department's research funding reaches typically more than $30 million yearly and efforts are dedicated to extending the base of knowledge, developing and transferring technology in support of the state's and the country's industrial activity, and providing students with experience in cutting edge pursuits in the field.

Aerial view of the Virginia Tech Campus.

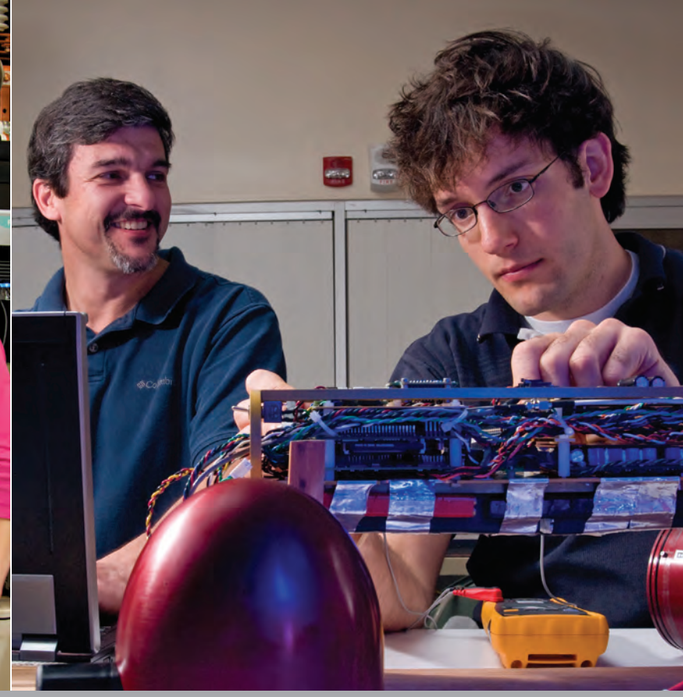
Located on 2,600 acres in the town of Blacksburg, Virginia Tech is home to world-class faculty, dynamic collaborations, groundbreaking research, and a friendly community of Hokies committed to service and academic excellence.

ECE Professor Tom Martin, and graduate student Meghan Quirk embedding computers in fabric in the Electronic Textiles Laboratory.

ECE Research Groups

- Center for Power Electronics Systems (CPES)
  www.cpes.vt.edu
- Future Energy Electronics Center (FEEC)
  www.feec.ece.vt.edu
- Center for Power and Energy (CPE)
  www.ece.vt.edu/power
- Center for Photonics Technology (CPT)
  www.photonics.ece.vt.edu
- Wireless@VT
  www.wireless.vt.edu
- Hume Center for National Security and Technology
  www.cnst.ictas.vt.edu
- Center for Embedded Systems for Critical Applications (CESCA)
  www.cesca.centers.vt.edu
- Multifunctional Integrated Circuits and Systems Group (MICS)
  www.mics.ece.vt.edu
- Configurable Computing Lab (CCL)
  www.ccm.ece.vt.edu
- Computational Bioinformatics & Bio-imaging Laboratory (CBIL)
  www.cbil.ece.vt.edu
- Microelectronics, Optoelectronics and Devices (MODE) Group
  www.micron.ece.vt.edu
- Center for Space Science and Engineering Research (Space@VT)
  www.space.vt.edu
- Virginia Center for Autonomous Systems (VaCAS)
  www.unmanned.vt.edu

Graduate student Christina Dimarino and faculty member Dr. Boroyevich working together in the Electrical and Computer Engineering lab in Whittemore Hall.



Dan Stilwell, ECE Professor, and graduate student Brian McCarter researching underwater autonomous vehicles in the Autonomous Systems and Controls Laboratory.

"Serving the citizens of Virginia, the nation, and the world by developing and transferring electrical and computer engineering knowledge that will improve the quality of people's lives."

Focus Research Areas

When you apply to our graduate program, you will select one or more of the following Research Focus Areas:

Electrical Engineering

- Autonomous Systems
- Communications
- Control Systems
- Electromagnetics
- Photonics and Optics
- Power and Energy Systems
- Power Electronics
- Semiconductors and Microelectronics
- Signal Processing
- Space Science and Engineering

Computer Engineering

- Configurable Computing
- Embedded and Secure Systems
- Machine Perception
- Mobile, Cloud and Pervasive Computing
- Networks and Cybersecurity
- Neuroimaging Methodology and Analysis
- Software Systems
- Systems Biology and Bioinformatics
- VLSI & Design Automation

Degree Options

- **Master of Science**
  32 credit hours and thesis required
- **Master of Engineering**
  32 credit hours and project and report required
- **Ph.D.**
  92 credit hours beyond baccalaureate, dissertation and defense required