

# DEPARTMENT OF ELECTRICAL AND COMPUTER ENGINEERING GRADUATE PROGRAM

## ENROLLMENT

212 TOTAL  
104 PHD  
108 MS

41 FACULTY MEMBERS

## STUDENT BODY

21% FEMALE  
64% INTERNATIONAL STUDENTS



## POST-GRADUATE EMPLOYMENT

Meta IBM  
Marvel Procter & Gamble  
Barclays Oracle  
CellGain Revature  
AT&T & more!

CLOSE PROXIMITY TO  
NEW YORK  
& PHILADELPHIA



#15

PUBLIC NATIONAL UNIVERSITY

## PROGRAM OPTIONS

### DEGREES OF STUDY

PHD

MS

Thesis  
Non-Thesis

BS/MS

### CERTIFICATE

**SOCIALLY COGNIZANT  
ROBOTICS**

through SOCRATES program

**CYBERSECURITY  
MACHINE LEARNING**

can be taken in tandem with  
a Master's program

## SPECIALIZATIONS

Communications  
Networking  
Signal and Information Processing  
Computational Sensing  
★ **Machine Learning**  
Systems and Controls  
Computer Engineering  
Software Engineering  
Cybersecurity  
Solid State Electronics

## MACHINE LEARNING

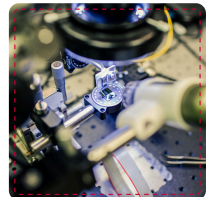
### PhD, MS, and Certificate

Unlock the future with the power of machine learning. Dive deep with our rigorous curriculum to lead innovation and solve real-world engineering challenges.

## NEW COURSES

Introduction to Deep Learning\*  
Probabilistic Methods for Large Scale Signal Processing and Learning\*  
Multimodal Machine Learning for Sensing Systems\*  
Machine Learning for Inverse Problems\*  
Reinforcement Learning for Engineers\*  
Mobile Embedded Systems and On-Device AI\*  
Quantum Computing and Communications Algorithms  
Quantum Computing and Information Systems

\*Machine Learning Courses



## OTHER OPPORTUNITIES

### FOR-CREDIT MS INTERNSHIP PROGRAM

Transform learning into action! Dive into the professional world, apply your insights, and earn academic credits that not only propel you closer to your degree but also set you on the path toward dynamic employment after graduation.

### RUTGERS-PRINCETON EXCHANGE PROGRAM

Broaden your horizons and enhance your academic portfolio by diving into courses at premier institutions in the region. Every credit you earn seamlessly integrates with your ECE degree at Rutgers University.

APPLY  
NOW!

NO GRE NEEDED

Applications  
are being  
accepted for  
FALL 2024!

ECE.RUTGERS.EDU

EMAIL: ECEGRADPROGRAM@SOE.RUTGERS.EDU

