

# Rutgers Electrical Engineering Curriculum

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[Rutgers Electrical Engineering Curriculum](#)

Rutgers Electrical Engineering Curriculum ECE at Rutgers . Welcome to the Department of Electrical and Computer Engineering. Our faculty and students are engaged in exciting innovation in the areas of wireless communications, computer systems and software engineering, information processing and systems, micro- and nano-

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The engineering transfer program consists of two years of study in the Physics Department at Rutgers-Camden and two years in the School of Engineering at Rutgers-New Brunswick. Below, you will find suggested curriculum sheets for each of the most common majors in the School of Engineering.

[Electrical & Computer Engineering Course Description ...](#)

The Master of Business and Science with a concentration in Electrical and Computer engineering combines business courses with courses from electrical and computer engineering to give engineers a more industrial perspective. The science courses cover a wide range of areas including computer hardware, software, communication systems, power, and solid state electronics.

[Rutgers University, Electrical & Computer Engineering](#)

Professional Science Master's Program Rutgers, The State University of New Jersey 118 Frelinghuysen Rd., SERC Building, Rm. 221 Piscataway, NJ 08854 Main Office: (848) 445-5117 Admissions: (848)-445-9292

[ovj@umvp-ece.rutgers.edu](mailto:ovj@umvp-ece.rutgers.edu)

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[Catalog Navigator : Four-Year Undergraduate Curriculum](#)

[Rutgers Electrical Engineering Curriculum](#)

Electrical and Computer Engineering Energy Systems Engineering ... faculty who run the labs and use state-of-the-art equipment as you pursue your research interests and explore the curriculum at the School of Engineering. ... Rutgers is an equal access/equal opportunity institution.

[School of Engineering | Rutgers University](#)

The Electrical and Computer Engineering program at Rutgers University is accredited by the Engineering Accreditation Commission of ABET. The program offers you two undergraduate curriculum options: Electrical Engineering and Computer Engineering.

**ABET Electrical & Computer Engineering (ECE) | Rutgers ...**

The undergraduate curriculum includes engineering, physics, chemistry, mathematics, and basic biology, as a well as a solid core of biomedical engineering courses, numerous electives, a well-designed laboratory experience, career advising, summer industry internships, and a capstone senior design conference.

[Electrical & Computer Engineering | Master of Business and ...](#)

The Rutgers University - New Brunswick program in Electrical & Computer Engineering is accredited by the Engineering Accreditation Commission of ABET, [www.abet.org](http://www.abet.org). ECE Program Educational Objectives The current educational objectives of the Electrical and Computer engineering program are that within 3-5 years: Expectation: graduates will exceed the expectations of employers

[Rutgers University, Electrical & Computer Engineering](#)

Four-Year Undergraduate Curriculum Four-Year Curriculum Code 332 The electrical and computer engineering curriculum includes two options: electrical engineering and computer engineering. Engineering Accreditation Commission of ABET.

[Engineering Transfer Curriculum - Department of Physics](#)

Pre-Engineering Tracks Biomedical Engineering First Year Curriculum Chemical Engineering First Year Curriculum Civil Engineering First Year Curriculum ... Electrical and Computer Engineering ... All newly admitted first-year students take Rutgers University's mathematics placement exam prior to registering for their first semester. The ...

[Pre-Engineering Curriculum Tracks | Rutgers SASN](#)

Undergraduate students in the School of Engineering follow a common first year curriculum. Students declare a specific engineering major during the second semester of the first-year studies. Following the declaration of a

major, each student will begin to follow the curriculum and receive advising specific to their chosen engineering department.

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[Rutgers University, Electrical & Computer Engineering](#)

The program encourages community service work and work related to the student's course of study. More information at the Rutgers FWSP website. ... Department of Electrical & Computer Engineering Rutgers, The State University of New Jersey 94 Brett Road Piscataway, NJ 08854.

[Electrical and Computer Engineering - Rutgers University](#)

ECE at Rutgers . Welcome to the Department of Electrical and Computer Engineering. Our faculty and students are engaged in exciting innovation in the areas of wireless communications, computer systems and software engineering, information processing and systems, micro- and nano-electronics, next generation internet architectures, cyber security and so much more.

[Engineering Majors | Rutgers University School of Engineering](#)

Rutgers School of Engineering's Master of Science (MS) degree program in Electrical and Computer Engineering offers thesis and non-thesis options that provide outstanding graduate training for students who wish either to enter industry as practicing professionals or continue their studies at the doctoral level.

In addition, the electrical and computer engineering curriculum has developed into emerging technology fields such as energy (power electronics, solar cells, smart grid), environment (sensors and sensor networks for environmental protection), and bioelectronics and biophotonics.