

Packaging Engineering AT RUTGERS

Are you drawn to the way packaging protects and sells the products you use—from beverages and cosmetics to household appliances and drugs? Do you see yourself as a packaging professional collaborating with company research and development, marketing, manufacturing, supply chain, transportation, legal, and graphic design colleagues to create safe, sustainable, and innovative packaging for a broad range of products?

The School of Engineering's packaging engineering program is the nation's only packaging program housed within an engineering school. Our bachelor's degree curriculum will give you a broad, multi-disciplinary foundation in packaging engineering fundamentals—as well as hands-on practical and pre-professional training through numerous research and internship and co-op opportunities.

We maintain close ties with industry leaders that support our program with research and on-site training opportunities. Our faculty includes senior executives from leading beauty, consumer product, pharmaceutical, and food manufacturing corporations. Career prospects for graduates are excellent: the need for packaging engineers is greater than ever as growth of the \$900 billion packaging industry remains strong.

PROFESSIONAL OPPORTUNITIES

Packaging Engineer
Product and Development Engineer
Design and Manufacturing Engineer
Process Engineer
Project Manager
Sustainability Engineer



THE FUTURE IS NOW

As the world's third largest industry based on gross sales, packaging employs more people than any other business. As the second oldest packaging program in the country, we offer students unparalleled academic and experiential opportunities for future career success.

DEGREES OFFERED AND CURRICULAR OPTIONS

BS Applied Sciences in Engineering, Packaging Engineering Concentration
MS Packaging Engineering
BS/MS Five-year Dual Degree
BS/MBA Five-year Dual Degree
Undergraduate Packaging Certificate available in all disciplines



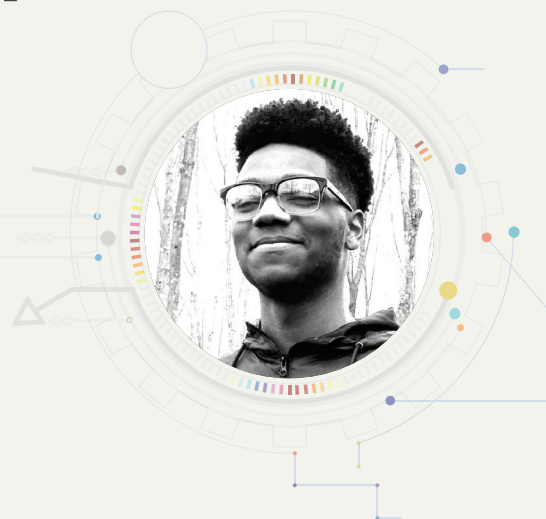
For more information, visit
packaging.rutgers.edu

"Rutgers' packaging program is the nation's only packaging program in an engineering school. Since it's unique in that aspect, it gives us an edge with potential employers who come to us first for jobs that require a technical background."

Tyriek Bryant

RUTGERS
School of Engineering

Established in 1864, Rutgers University's School of Engineering is a vibrant academic community whose richly diverse students and faculty members are committed to globally sustainable engineering. Its mission is built on a commitment to fostering the integration of education and research to achieve transformational innovation that is ethically responsible. With seven academic departments representing key engineering disciplines, the School of Engineering is recognized around the world as comprehensive and leading-edge, training the next generation of innovators across a broad spectrum of professions.



Packaging Engineering at Rutgers

PROGRAM HIGHLIGHTS

Packaging engineering students draw on chemical, industrial, materials, and mechanical engineering skills to design and create a broad array of packages.

Housed within the Applied Sciences in Engineering major, our distinctive, multi-disciplinary curriculum combines engineering fundamentals with hands-on discovery using products and equipment in real world situations. Students benefit from established partnerships with leading packaged goods companies that work with us on research and product testing.

The program offers:

- Packaging labs with state-of-the-art equipment and tools that give students valuable pre-professional experience in testing product viability and functionality.
- A final senior year design project that asks students to apply their knowledge of engineering principles to work with corporate partners to model, analyze, and design packaging systems processes.
- A curriculum that allows students to complete multiple internships toward their degree.

HANDS-ON ACTIVITIES

Students gain invaluable, hands-on business and engineering experience through numerous internship and co-op programs for degree credits and work experience in an industrial environment. Local companies regularly engage with the program to conduct durability and reliability tests on commercial product packaging, providing students with additional opportunities for hands-on professional experience. These valuable networking connections often lead to full-time job offers for our graduates.

COURSES OFFERED

Packaging Printing/Decoration
CAD in Packaging
Packaging Manufacturing
Sustainable Packaging
Packaging Machinery
Innovation and Design
Safety Engineering Packaging
Distribution Packaging

RESEARCH FACILITIES

State-of-the-art Packaging Testing Laboratory

The **Packaging Testing Laboratory** supports the academic program, research projects, and provides services to the packaging industry.



The major offers a student exchange program with **Ecole Supérieure Européenne de Packaging (ESEPAK)** in Le-Puy-en-Velay, a university in France. This three-credit, two-week program includes Rutgers students visiting France and ESEPAK students visiting Rutgers.



Watch this space. Blue-chip companies—such as Estée Lauder, Merck & Co., Mondelez International, and more—provide technical and financial support to the Packaging Engineering program, as well as provide our students with training and job opportunities, while our program advisory board includes scientists and executives from companies ranging from Amazon, Apple, Church & Dwight, to L'Oréal Paris and PepsiCo.