Meet the Majors!

“The Rutgers, Newark Physics Department is ‘home.’ As I enter my first year as a PhD student at Cornell University in the field of Mechanical Engineering, I realized that the Physics Department at RU-N has taught me what a comfortable learning environment is, and has broadened and diversified my mode of thinking. I have the unique opportunity to tackle problems from a different perspective, which is a talent that is highly sought after.”
-Dory Castillo, class of 2021

“As a Physics Learning Assistant I enjoy discussing and collaborating with both students and faculty in teaching and learning physics. My goal is to become a physics educator and my current role is preparing me to teach physics effectively.”
-Jose Dominguez, class of 2021

“This summer, I was selected as a Rutgers SURF recipient to research atom interferometry of optical nanofibers, which is highly relevant to my astronomy interest. I’ve learned so much and met so many amazing people!”
-Nami Uchida, class of 2022

“Since transferring to RU-N from community college, the physics department has welcomed me and advanced my studies to the next level. With their mentorship, I have gained valuable research experience on-campus and at SLAC National Lab. Stop by the physics department, they will help you just as they helped me!”
-Max Mrozek-McCourt, class of 2022

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https://sasn.rutgers.edu/academics-admissions/academic-departments/physics
Coursework

- Intro courses use “active learning” where you learn by doing physics.
- Ample office hours and tutoring for individualized support.
- Core courses are innovative and small with close faculty interaction.
- Choice of electives at RU-N, NJIT, and RU-NB based on your interests.
- Work with a physicist for hands-on experience in the field (research, internship, project, or independent study).

Opportunities

- Build your teaching skills in our Learning Assistant (LA) Program.
- Socialize and study with other physics majors, minors, and LAs in our undergraduate physics lounge.
- Participate in meetings and events with our Physics Club.
- Attend professional conferences such as the American Physical Society (APS) and Undergraduate Women in Physics (CUWiP)
- Conduct research with our faculty and at institutions across the globe.

And, after a physics degree?

Become a teacher, engineer, doctor, physicist, financier, entrepreneur... All fields value the analytical thinking of physics majors -- they are some of the top recruited and highest paid graduates, with high job satisfaction.