

STEM Scholars

Future STEM Teachers Scholarship Program

Teach STEM

MAKE AN IMPACT. MAKE A DIFFERENCE.

science

*Never trust an atom.
They make up everything.
Truth is, teachers are the
positive charges sparking
students' interest in STEM.*

IT'S NOT ROCKET SCIENCE BUT IT COULD BE

Why shoot for the moon when we've already landed there? We can do better. We can do more. According to the World Economic Forum, the United States ranks #48 in math and science. We're losing our competitive edge while the rest of the world skyrockets ahead!



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*Rider University is honored to be a 100Kin10
higher education partner – 1 of only 11
undergraduate institutions in the country.*

100KIN10
ANSWERING THE NATION'S CALL

A PIECE OF THE PI GET \$ TO EARN \$

FULL TUITION SCHOLARSHIPS
for college junior and senior years PLUS

- Competitive stipends for summer research or teaching experiences
- Cost-of-living stipends
- Covered cost of edTPA assessment
- Free Praxis training, pre-testing, and post-testing
- Free NJEA student membership and coverage for travel to state conference
- Complete coverage of state licensure
- No-cost professional development as a teacher through Rider's SELECT and CONNECT-ED networks
- Comprehensive induction support and stipends upon placement in district

THE PRESIDENT ASKED YOU CAN ANSWER

Addressing the country's shortfalls in science and technology innovation starts in the classroom. As a nation, we have been called upon to produce 100,000 excellent new science, technology, engineering, and math (STEM) teachers by the year 2021.



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engineering

*"You remember great science & math teachers because they lit a flame within you...
They got you excited about a subject you previously didn't care about, because they were
excited about it themselves. Put that in every classroom, and it will change the world."
– Neil deGrasse Tyson, Astrophysicist*

DON'T YIELD MERGE YOUR EDUCATION

As a STEM major, you're a logical, creative problem solver and outside-the-box thinker. STEM Scholars allows you to merge your STEM degree with a Secondary Education degree, and emerge as a teacher in a high school that needs your expertise. This program offers full tuition scholarships, financial benefits, and unrivaled academic opportunities that will enable you to make this transition. You will be on the road to success with a teaching degree and job upon graduation.

math



RIDER
UNIVERSITY

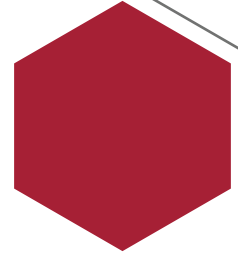
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IN YOUR ELEMENT AT THE HEAD OF THE TABLE

Position yourself in your community, in a classroom of STEM students hungry to learn! Every student deserves a strong STEM education; you can ensure that every student gets one. The federal government designates 38 New Jersey school districts in great need of motivating, qualified science and math teachers.

Through the STEM Scholars program, you will start your career by teaching in an underserved area.



Candidates from underrepresented populations and/or with high financial need are encouraged to apply. Students who qualify will receive full tuition NSF Noyce STEM Teaching scholarships and other financial perks.

What's In It FOR ME AND MY COMMUNITY?

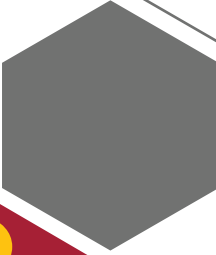
$$X_k = \sum_{n=0}^{N-1} x_n \cdot e^{-i2\pi k \frac{n}{N}}$$

BE THE ROOT RATIONAL AND RADICAL

As a STEM Scholar, you'll be part of a hand-picked group of future teachers provided with the academic support you need to excel in your field. Work alongside Rider's accomplished scientists and mathematicians to:

- Solve relevant research problems using cutting edge-technology and instrumentation.
- Learn and teach science and math with a focus on civic engagement.
- Practice and adopt strategies and mindfulness to manage a culturally diverse classroom.

STEM Scholars will cultivate your deep-seeded love of math and science to inspire and empower the next generation of innovators.



THIS PROBLEM ISN'T HARD TO SOLVE THE NUMBERS SAY IT ALL

- 23%: physics
- 29%: chemistry
- 55%: biology
- 69%: math

Teachers with training in the STEM field they teach

- 70%: science
- 55%: math

High school students not meeting college readiness benchmarks

- 17%

Rate at which STEM occupations are growing

- 75%

Percentage of occupations that require strong science or mathematics preparation

New Jersey is one of the highest paying states in which to teach. The average teacher makes \$65,000 per year, which is 122% of the state average income.



BE CURIOUS IT'S THE CATALYST FOR ACHIEVEMENT

Do you have a passion for STEM? Wondering if STEM Scholars is right for you? Complete a quick qualifying quiz at rider.edu/stemscholars, and you will be contacted personally by the program director. To learn more about the program requirements and process, email stemscholars@rider.edu.

In cooperation with  



www.rider.edu/stemscholars