School of Science

AT A GLANCE

DEAN’S MESSAGE

I often say, “science is a verb, not a noun.” We believe that students should have the opportunity to become deeply engaged in their field and acquire hands-on experience as early and as often as possible.

From their first semester at TCNJ, our students quickly become members of a caring academic community. Working alongside some of the best faculty members in the country on cutting-edge research projects, our students also participate in interactive seminars and colloquia and join engaging student groups—all designed to extend their learning beyond the classroom and laboratory. As a result, our students graduate not as students of science, but as scientists.

Thank you for ensuring the continued success of our students and our school's continued trajectory of excellence.

WHAT THIS CAMPAIGN MEANS TO US

- ATTRACTING AND SUPPORTING intellectually courageous students
- MAINTAINING our state-of-the-art facilities and instrumentation
- PROVIDING students with research and study abroad experiences
- SUPPORTING students to present their faculty-mentored research at scholarly conferences
- STAYING current with emerging technologies in all of our learning spaces
- ATTRACTING AND SUPPORTING an exceptional faculty, including those in emerging and interdisciplinary fields
- SUPPORTING the ongoing professional development of our exemplary teacher-scholars
- ATTRACTING distinguished visitors to TCNJ, such as speakers and scientists-in-residence
- OFFERING stimulating and accessible lectures that bring the importance, impact, and excitement of science to TCNJ and the regional community
- EXPANDING the use of our facilities to more broadly serve TCNJ and the regional community
MAJORS
Biology
Biology Education
Chemistry
Chemistry Education
Computer Science
Mathematics
Mathematics Education
Physics
Physics Education
Statistics
7-year Medical Program
7-year Optometry Program

MINORS/SPECIALIZATIONS
Actuarial Studies
Applied Mathematics
Astrophysics
Biology
Biomedical Physics
Chemistry
Condensed Matter of Chemistry and Physics
Computational and Mathematical Biology
Computational Physics
Computer Science
Environmental Studies
Forensic Chemistry
Geophysics
Mathematics
Physics
Quantitative Criminology
Statistics

DEPARTMENTS
Biology
Chemistry
Computer Science
Mathematics and Statistics
Physics

SELECT STUDENT GROUPS
American Medical Student Association
Association for Computing Machinery
Astronomy Club
Beta Beta Beta Biological Honor Society
Biology Education Club
Council of Student Teachers of Mathematics
Gamma Sigma Epsilon Chemistry Honor Society
Mathematics and Statistics Club
Medlife
Minority Association of Pre-Health Students
Pi Mu Epsilon Mathematics Honor Society
Pre-Dental Association
Pre-Students of Osteopathic Medicine
Pre-Veterinary Club
Society of Physics Students
Student Chemists Association
Upsilon Pi Epsilon Computer Science Honor Society
Women in Computing and Science

ENROLLMENT
1,003 students
981 full time
22 part time

OF NOTE
95% of our grads indicate they are either working and/or attending graduate school within the first year after graduation.

Top Producer
The American Chemical Society ranks TCNJ in the top 4 percent nationally for producing ACS-certified bachelor’s degree chemistry graduates.

Four/Four
All four TCNJ science students nominated for Goldwater Scholarships in 2014 won honors in the competition.

STUDENT-TO-FACULTY RATIO: 11:1