

College of Mathematics,
& Technology
Delaware State University
1200 N. Dupont Highway
Dover, Delaware 19901-2277

PLEASE
PLACE
STAMP
HERE

General Overview

Founded in 1891, Delaware State University is a publicly-assisted, 1890 Land Grant institution, located on 400 acres in Dover, Delaware. DSU has a diverse population of approximately 3,500 enrolled students (undergraduate and graduate), representing over 35 countries. Program offerings include: 66 Bachelors degree majors, 20 Masters Degrees (several in science majors), four (4) PhD and one (1) Ed.D. programs. For more information about DSU, please visit our website: www.desu.edu.

Graduate Programs

Graduate degree offerings:

- Masters programs

- Applied Optics (M.S.)
- Biological Sciences (M.A.)
- Biological Sciences (M.S.)
- Biology Education (M.S.)
- Applied Chemistry (M.S.)
(with and without thesis)
- Mathematics Education (M.S.)
- Mathematics, Applied (M.S.)
- Mathematics, Pure (M.S.)
- Molecular and Cellular Neuroscience (M.S.)
- Physics (M.S.)
- Physics Teaching (M.S.)

- PhD programs

- Applied Chemistry
- Interdisciplinary Applied Mathematics and
Mathematical Physics
- Neuroscience
- Optics

Notes

Visit the CMNST website to learn
more about us!

www.desu.edu/CMNST



International flags on the circle at
DSU representing student population



Office of the Dean

Delaware State University
College of Mathematics, Natural Sciences
& Technology
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Dover, Delaware 19901

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Let your journey begin here.

www.desu.edu/CMNST

Science at DSU

The College of Mathematics, Natural Sciences & Technology is home to five (5) academic departments, and offers 22 undergraduate, and 15 graduate degree programs of study. Students are prepared for career opportunities in professional studies, further graduate studies, and technical vocations in various science, technology, engineering and mathematics (STEM) areas.



Programs of Study

(undergraduate)

Department of Biological Sciences

- Forensic Biology
- Biological Sciences
 - Cell/Molecular/Biotechnology
 - Health Professions
 - General
 - General — Biology Education

Department of Chemistry

- Chemistry
- Chemistry Education
- Chemistry/Pre-Professional

Department of Computer & Information Sciences

- Computer Science
- Information Technology

Department of Mathematical Sciences

- Mathematics
- Mathematics Education
- Mathematics with Computer Science

Department of Physics & Pre-Engineering

- Engineering Physics
 - Electrical Engineering
 - Bioengineering
 - Optical Engineering
- Physics
 - Physics Education
 - Physics/Engineering Emphasis
 - Physics/Medical Emphasis
- Pre-Engineering
 - Electrical Engineering
 - Mechanical Engineering
 - Engineering/Civil Engineering

Our Students

For most undergraduate majors, the student starts by taking core courses and general education courses that prepare them for the more advanced, specialized courses appropriate to their career goals. This is achieved through careful advising and mentoring by faculty. Once the student has reached his or her junior year, numerous course electives are available, as well as undergraduate research opportunities designed to strengthen the student's skills.

Our Faculty

- Over 85% hold terminal degrees in their field of expertise
- Regularly-published in their respective areas of expertise
- Engaged in current individual and collaborative research projects on a variety of different research themes
- Funded research totaling over \$10 million dollars in federal and private foundation support
- Involved in professional associations beyond the university

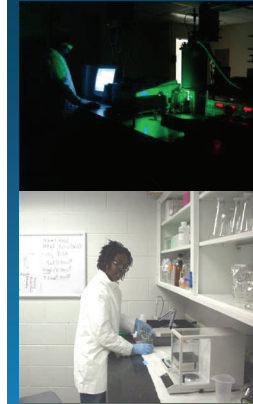
Graduate students typically start with a series of courses in their area of specialization to prepare them for their thesis (MS) or dissertation (PhD) research.



Academics

Course work is designed to prepare the 21st century science, technology, engineering and mathematics (STEM) student utilizing a multi-modal approach to learning: stimulating in-class discussions, hands-on laboratory experiences, seminars featuring notable internationally-recognized experts within the scientific arena, and professional development opportunities. Numerous opportunities for hands-on research in faculty labs exist. Supplemental Instruction (SI) sessions, as well as an academic support office, and Science Resource Center, offer tutoring and mentoring resources to meet the specific needs of the STEM major. Assistance in summer research internship placement is also available. Student-to-faculty ratio is 20:1.

Instructional & Research Facilities



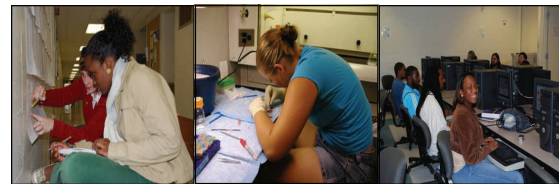
⇒ Equipped with cutting-edge, technologically-outfitted laboratories to provide a strong research laboratory infrastructure

⇒ Facilities include a common biotechnology-equipped laboratory, machine shop, instrumentation for molecular biology and neuroscience, a research greenhouse, laser optics labs, mass spectrometer, a microelectronics lab, state-of-the-art mathematics lab & 3-D scanner, ground penetrating radar, multiple computer

labs for student use (partial list).

There are currently more than 25 active labs within the College, conducting research on a variety of topics, including, plant pathology; neural diseases; laser applications in breast cancer detection; development of alternative fuel sources; and video surveillance technology. Students are afforded the opportunity to participate in faculty-mentored research programs, in many cases, throughout the year.

Student Life



An integral part of the DSU science student's learning experience involves participation in campus life. Students are encouraged to participate in college chapters of professional associations within their disciplines, such as the Biology Club, American Chemical Society (ACS), Physics Club, student government, travel abroad opportunities, summer internships, as well as intramural athletics. Special trips, seminars and professional development opportunities are also made available.

Financial aid for in-state, out-of-state, and transfer students is available by completing a FAFSA form. Visit the University website for more information about additional funds you may be eligible to apply for: <http://www.desu.edu/scholarships>

Name: _____

Address: _____

City, State, Zip: _____

Phone: () _____

Email: _____

Please contact me about the following:
(ck all that apply)

___ Undergraduate ___ Graduate

___ Biological Sciences

___ Chemistry

___ Computer & Information Sciences

___ Mathematics

___ Physics & Pre-Engineering

___ Research opportunities

___ Student support programs for students with an interest in science, technology, engineering & mathematics

___ Other (please specify) _____

I will graduate from high school in 20____ [Ck here if you are a transfer or graduate student inquiry](#)