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NORFOLK STATE
UNIVERSITY
COLLEGE OF SCIENCE, ENGINEERING
AND TECHNOLOGY

College Of

SCIENCE, ENGINEERING, AND TECHNOLOGY



NORFOLK STATE
UNIVERSITY

We see the future in you.

PROFILE



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Norfolk State University (NSU) is a comprehensive urban public institution in Norfolk, Virginia. The University is organized into two colleges and three schools: the College of Liberal Arts and the College of Science, Engineering, and Technology; and the School of Business, the School of Education, and the School of Social Work. **The College of Science, Engineering, and Technology (CSET)** has over 1,800 students and presently comprises over 30% of the University's total student enrollment. Undergraduate students can select from a wide array of courses in eight academic departments: biology, chemistry, computer science, engineering, mathematics, nursing and allied health, physics, and technology. Effective and innovative support programs enhance the educational experience for students.

The College of Science, Engineering, and Technology has played a pivotal role in the University's eighty plus year history. Faculty contributions in research, grantsmanship, service, and mentoring are exceptional. Graduates are securing outstanding jobs and are earning advanced degrees. The College currently houses several research centers including the - Center for Materials Research (CMR), Information Assurance - Research, Education and Development Institute, and the Cybersecurity Complex. The NSU Cleanroom Facility is housed in the Marie V. McDemmond Center of Applied Research Building with the 6,000 square foot space designed to meet the ISO class100/1000 standard. It is a state-of-the-art facility that supports a broad range of nanoscale science, engineering, and technology projects by providing state-of-the-art equipment and resources coupled with expert staff support and necessary training. The University has demonstrated a strong commitment to the sciences and health professions through a significant investment of university resources in undergraduate educational programs, research facilities, and scholarships.

Graduate programs in the college include the master's degree in materials science, cybersecurity, computer science, electronics engineering, and healthcare administration. A Ph.D. program in materials science and engineering was introduced in 2007.

The future for the College of Science, Engineering, and Technology is unlimited. We invite you to join us for a very exciting and eventful academic journey.

Michael O. Keeve, Ph.D.
Dean

Department Of BIOLOGY

Biology graduates are employed as educators, health professionals and researchers in the public and private sectors throughout the nation. The Department's curriculum, undergraduate research program and enrichment activities train students to be competent and highly qualified scientists.

If you would like to:

You might select:

Pursue a graduate degree or entry-level position in one of the many diverse fields of biology such as marine science, environmental science, genetics, pathology, forensics, bacteriology or microbiology	Biology (Distributed Emphasis)
Pursue a career in medicine, dentistry, optometry, pharmacy, osteopathy, podiatry, or veterinary medicine	Biology (Health Professions Emphasis)
Become an elementary or high school biology teacher	Biology (Distributed Emphasis) and obtain an endorsement in teaching or a Master of Arts in Teaching

A significant number of biology students have:

- Been awarded four-year scholarships through the Dozoretz National Institute for Mathematics and Applied Sciences (DNIMAS)
- Gained research experiences with professors within the department
- Participated in research projects through summer programs offered at major universities nationwide
- Participated in the DNIMAS NSU/EVMS Joint Program in Medicine
- Earned admission to numerous graduate and professional schools

Biology students participate in the activities of:

- The Biology Society
- Minority Association of Prehealth Students (MAPS)
- Strategies for Ecology Education, Diversity and Sustainability (SEEDS)
- The Beta Kappa Chi Scientific Honor Society
- Genetics Society
- American Society for Biochemistry and Molecular Biology (ASBMB)



■ B.S. IN BIOLOGY -
DISTRIBUTED EMPHASIS

■ B.S. IN BIOLOGY -
HEALTH PROFESSIONALS
EMPHASIS

■ B.S. IN BIOLOGY -
EDUCATION



Department Of CHEMISTRY



Chemistry majors can select one of three curriculum options. The general option is certified by the American Chemical Society (ACS). Students receive substantial individual attention from their faculty advisors who provide academic and career counseling. NSU chemistry graduates have been quite successful in earning graduate and medical degrees.

If you would like to:

You might like select:

■ Pursue a graduate degree or work in industry	CHEMISTRY
■ Attend medical, dental, pharmacy, or veterinary school	CHEMISTRY-Pre-Med
■ Work in the chemical industry or enter a Master's program designed to train chemists as chemical engineers	CHEMISTRY
■ Become a high school chemistry teacher	CHEMISTRY-Teacher Licensure Endorsement

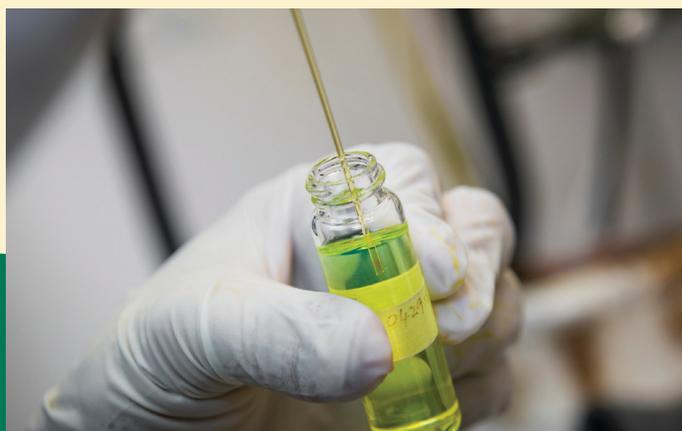
Chemistry majors are encouraged to participate in research projects and have an opportunity to:

- Operate research-grade instruments
- Assist in the acquisition of original scientific knowledge
- Present research findings at regional, national, or international meetings
- Receive a stipend for their work
- Participate in academic year and summer research programs

Placement of recent graduates includes:

- Neuroscience Ph.D. candidate at Virginia Commonwealth University
- PharmD Program at Hampton University
- Biochemistry Ph.D. Candidate at Georgia Institute of Technology
- M.D. program at Eastern Virginia Medical School
- M.S. Physician Assistant at James Madison University

- B.S. IN CHEMISTRY -
- B.S. IN CHEMISTRY - PRE-MEDICINE SEQUENCE
- B.S. IN CHEMISTRY -TEACHER LICENSURE ENDORSEMENT
- B.S. IN CHEMISTRY / M.S. IN MATERIALS SCIENCE



Department Of COMPUTER SCIENCE

The Department of Computer Science offers students a variety of options for obtaining degrees. Degree programs include B.S. and M.S. degrees in computer science, B.S. degree in information technology and an M.S. degree in Cybersecurity.

The undergraduate program in computer science is accredited by the Computing Accreditation Commission of ABET. (<http://www.abet.org>) In addition to a general studies, this degree program offers tracks in computer engineering, information assurance, and information systems. The Master's degree programs provide quality graduate education to equip students, especially those from the underrepresented sector of the population, with analytic skills, sound research experiences and development training in several areas of computer science and cybersecurity.



COMPUTING

- Offers great opportunities for true creativity and innovativeness
- Enables you to make a positive difference in the world
- Offers a positive employment outlook
- Allows space for both collaborative work and individual effort

If you would like to:

You might select:

■ Apply creative computing skills to design new applications, help others by designing computer solutions, and solve difficult problems	Computer Science (General Curriculum)
■ Use both engineering and computing resources to design hardware to match software needs	Computer Science - Computer Engineering Curriculum
■ Utilize your computer science skills to contribute to the cyberdefense of the Nation	Computer Science - Information Assurance Curriculum
■ Use both computing skills and business knowledge to manage, protect, and disseminate information	Computer Science - Information Systems Curriculum
■ Become a network specialist, protect computing, and information resources, design and manage web pages, and manage e-commerce operations	Information Technology

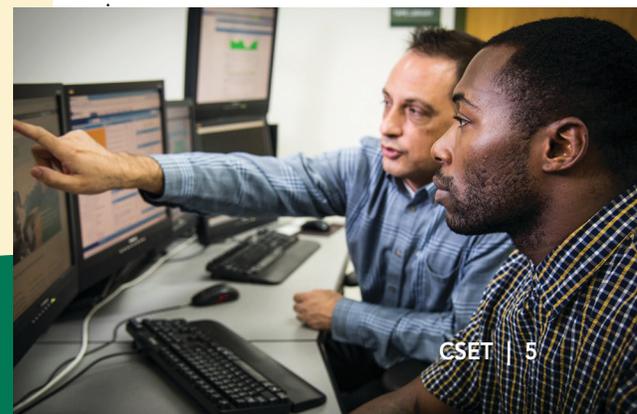
- B.S. IN COMPUTER SCIENCE
- B.S. IN COMPUTER SCIENCE - COMPUTER ENGINEERING
- B.S. IN COMPUTER SCIENCE - INFORMATION ASSURANCE
- B.S. IN COMPUTER SCIENCE - INFORMATION SYSTEMS
- B.S. IN INFORMATION TECHNOLOGY
- M.S. IN COMPUTER SCIENCE
- M.S. IN CYBERSECURITY

MANY COMPUTER SCIENCE STUDENTS:

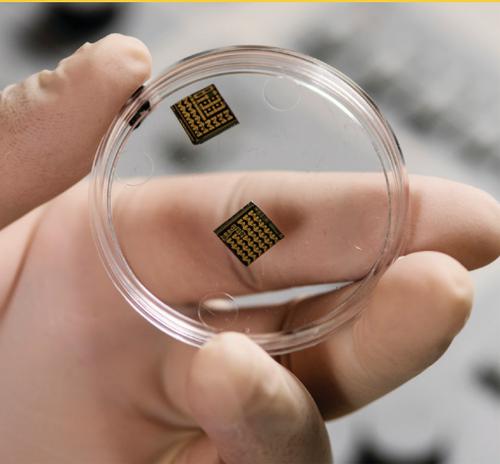
- Receive scholarships and paid internships
- Work with faculty on research projects in computer security, robotics, networking applications, data visualization, modeling and simulations
- Enter contests with other universities competing in computer programming, robotics, Cybersecurity, and other areas
- Pursue graduate study in computer science and related areas

Computer science students have access to:

- General-purpose and specialty laboratories
- Tutorial services, IEEE, ACM, and other digital libraries, and highly interactive e-learning facilities



Department Of ENGINEERING



The Department of Engineering offers the B.S. in Electrical and Electronics Engineering, the M.S. in Electronics Engineering, and the B.S. in Optical Engineering. These programs offer challenging and rigorous curricula, excellent faculty, and state-of-the-art laboratory facilities. The B.S. in Electrical and Electronics features concentrated course work and facilities in the areas of nano- and microfabrication, bioengineering, robotics, wireless networks and systems, and photonics and photovoltaic materials. The M.S. in Electronics Engineering program builds on these same areas and additionally features advanced coursework in large-scale integrated circuits, advanced electronics, and mathematical methods. The B.S. in Optical Engineering is one of five such programs in the U.S. This program supports career paths in emerging areas such as photovoltaics, fiber-optic communication, laser technologies, and medical optics and imaging.



Both undergraduate programs are accredited by ABET, the sole accrediting agency for engineering programs in the U.S., Accreditation information have be found at <http://www.ABET.org>. Other features of the engineering programs include the following:

- Undergraduate research for academic credits at government, industrial and university laboratories
- State-of-the-art instructional and research laboratories
- Small classes and dedicated faculty
- Hands-on design and build projects beginning in the first year

With its small student-to-faculty ratio, dedicated faculty and outstanding laboratory facilities, Norfolk State University (NSU) offers a high quality engineering education. Students who meet the challenge are prepared for a wide range of career opportunities and/or graduate study.

Electrical and Electronics Engineering will enable you to	Optical Engineering will enable you to
Pursue graduate degree in Electrical Engineering, Electronics Engineering, or a related discipline	Pursue graduate degree in Optics, Photonics, or a related discipline
Compete for entry-level positions in electrical or electronics engineering	Compete for entry-level positions in companies that design or fabricate systems and components that feature photovoltaics, fiber-optic, laser systems, or optical imaging
Compete for jobs in high-technology industries, including manufacturing, data science, and robotics/automation	Compete for jobs in technology sectors such as solar energy, environmental sensing, lighting and display, laser micromachining, optical communication, and quantum technologies
Become an engineering manager	Become a research laboratory technician
Become a technical sales representative	Become a technical sales representative
Become a technology policy officer	Become a technology policy officer

Our graduates have been recruited by prestigious employers such as: BAE Systems, Cisco System Eng., DRS Technologies, FBI, Ft. Belvoir, Huntington Ingalls Industries, IBM, Intel, Thomas Jefferson National Lab, Lockheed Martin, Micron Technology, Missile Defense Agency, NASA, NAVAIR, Navy, Naval Surface Warfare Center, NAVSEA, Norfolk Southern, Northrop Grumman, Optical Air Date Systems, Dominion Energy, US Army Corps of Engineers, US Patent and Trademark Office, and Siemens.



- B.S. IN ELECTRONICAL AND ELECTRONICS ENGINEERING
- B.S. IN OPTICAL ENGINEERING
- M.S. IN ELECTRONICS ENGINEERING

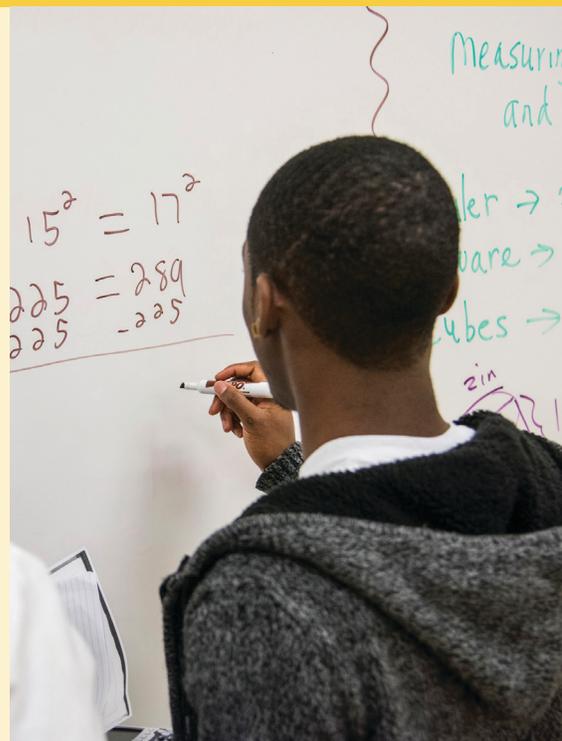
Department Of MATHEMATICS

Graduates of the mathematics program are employed as researchers or educators in the public and private sector throughout the nation. Some graduates earn the Ph.D. or Ed.D. degree. The Department's teacher certification program contributes a significant number of teachers to that critical pool of mathematics educators at the secondary school level.

If you would like to:

You might select:

Pursue a career in mathematics solving problems in differential equations, statistics, applied physics, algebra, or engineering, attend a graduate school or become a university professor	Applied Mathematics
Become a 6th grade – 12th grade mathematics teacher	Teacher Licensure Endorsement
Pursue a second degree in mathematics	Mathematics Dual Degree
Strengthen mathematical background to become more competitive	Minor in Mathematics



A significant number of mathematics graduates:

- Participate in summer research programs and internships offered nationwide
- Receive specialized advising for academic matters, graduate school, and mathematics careers
- Gain valuable experiences through work with mathematics faculty researchers

Mathematics students participate in the:

Mathematics Club

University Honors Program / DNIMAS Program

Student Chapter of the Tidewater Council of Teachers of Mathematics



■ B.S. IN MATHEMATICS - APPLIED MATHEMATICS

■ B.S. IN MATHEMATICS - TEACHER LICENSURE ENDORSEMENT

■ B.S. IN MATHEMATICS - DUAL DEGREE PROGRAM

Department Of NURSING & ALLIED HEALTH



The Nursing Program offers the Bachelor of Science in Nursing. Our program is fully accredited by the Accreditation Commission for Education in Nursing (ACEN), 3343 Peachtree Road, NE, Suite 850, Atlanta, Georgia 30326, and approved by the Virginia Board of Nursing (VABON). NSU Nursing graduates are employed as health care professionals, educators, policy makers and researchers in the public and private sectors throughout the country. The nursing curriculum is designed to prepare students to become critical thinkers as well as competent, conscientious, and caring professionals who are committed to providing excellent service to others.

If you would like to:

You might select:

Become a Registered Nurse	The Traditional Baccalaureate degree track
Continue your nursing education to receive a Bachelor's degree in Nursing	Upper level RN to BSN degree track
Receive a second degree in Nursing	
Become a Registered Nurse (RN) if you are currently an LPV, LVN	

■ B.S. IN NURSING

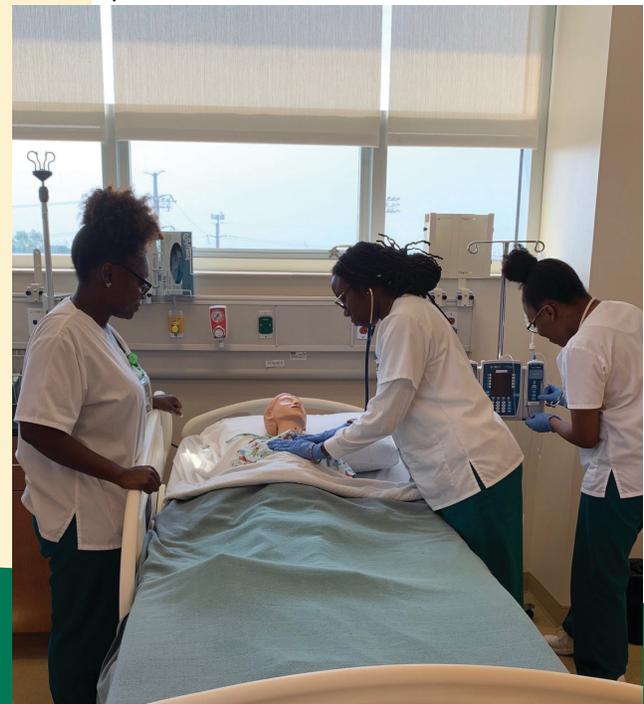
■ B.S. RN TO BSN - ONLINE

Nursing students participate in varied professional and community activities, including:

- Virginia State Nurses Association
- National Student Nurses Association
- BSN Honor Society

Nursing Majors are provided with:

- A Center for Innovative Nursing Education (CINE) Lab
- A state-of-the-art on-campus simulation learning center
- Nursing tutoring center
- Digitally equipped classrooms
- Clinical experience in major health care facilities in the area
- Scholarships
- Work-study opportunities
- Teaching and learning possibilities abroad



Department Of NURSING & ALLIED HEALTH

The Allied Health programs offer the Bachelor of Science degree in Health Services Management, and Health Services Management/ Food Science and Nutrition Concentration; Certificate in Health Services Management; and the Master of Healthcare Administration. NSU HSM graduates have the potential to seek employment in healthcare organizations such as hospitals, physician practices, health insurance companies, government agencies, public health clinics, and pharmaceutical firms. The HSM curriculum is designed to educate and prepare students to become healthcare professionals who contribute to the health and well-being of the citizens that they will serve.

Allied Health students participate in professional organizations, community events and activities::

- Health Services Management Student Association
- Upsilon Phi Delta Chapter through the Association of University Programs in Health Administration
- National Society of Allied Health
- Sickle Cell and Breast Cancer Walk community events

CORE VALUES

The faculty, students, and staff of the Nursing and Allied Health Department embrace the core values of excellence; student-centeredness; diversity and inclusiveness; integrity and civility; engagement; pride; and financial empowerment.



- B.S. IN HEALTH SERVICES MANAGEMENT
- B.S. IN HEALTH SERVICES MANAGEMENT ONLINE
- B.S. IN HEALTH SERVICES MANAGEMENT/FOOD SCIENCE AND NUTRITION CONCENTRATION
- CERTIFICATE IN HEALTH SERVICES MANAGEMENT
- MASTER OF HEALTHCARE ADMINISTRATION (MHA) ONLINE



Department Of PHYSICS



Graduates of the Physics Department may enter occupations in industry and government. Many graduates continue their education in graduate or professional schools. If you have a passion for understanding how things work and enjoy scientific experiments and mathematics, then you should study physics. It is the foundation of modern science.

If you would like to:

You might Select:

Share your enthusiasm for physical science with others	Physics — Teacher Licensure Endorsement
Improve existing or develop new energy technology Work in the field of space science Model complex systems; e.g. predicting behavior of global markets Perform research on the cutting edge of science Work in the field of modern medicine	Physics
Develop materials for new applications Create and study materials at an atomic level Work in the field of nanotechnology	B.S. in Physics / M.S. in Materials Science M.S./Ph.D. in Materials Science and Engineering



A significant number of students have:

- Gained research experiences with professors within the department.
- Participated in research projects through summer programs offered at national laboratories and major universities.
- Received fellowships and teaching assistantships to attend major universities nationwide.
- Obtained employment with corporations and government entities such as NASA, Apple, Northrop Grumman, US Patent & Trademark Office, Google and Lockheed Martin.

Physics faculty perform cutting-edge research in the areas of:

Materials science • Nuclear physics
Physics education • Astronomy

The Physics Department offers:

An excellent teacher to student ratio for individualized instruction, advising, and academic assistance. A dynamic research setting with excellent instrumentation and facilities

- B.S. IN PHYSICS
- B.S. IN PHYSICS - TEACHER LICENSURE ENDORSEMENT
- B.S. IN PHYSICS/M.S. IN MATERIALS SCIENCE
- Minor in Astronomy
M.S./Ph.D. in Materials Science and Engineering

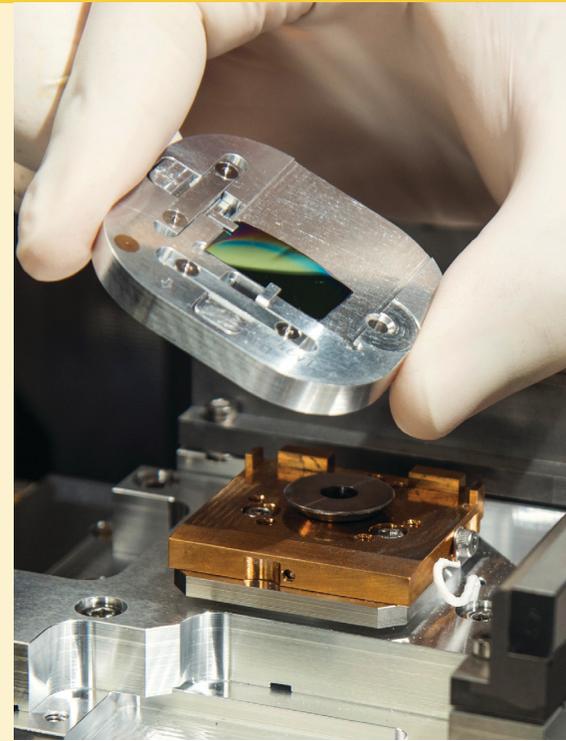
Department Of TECHNOLOGY

Technology graduates are employed as building inspectors, estimators, surveyors, construction engineers, contractors, computer network administrators, electronic engineering technologists, network system engineers, field service engineers, computer engineering technologists, field engineers, quality control technicians, industrial managers, and technology education teachers.

If you would like to:

You might select:

Create architectural plans, building codes specifications, or computer-aided design	Architectural Drafting
Supervise or manage employees and construction projects in the construction industry	Construction Management Engineering Technology
Solve computer problems and help companies get the most from their computer technology assets	Computer Engineering Technology
Design, develop, test or manufacture electronic equipment	Electronics Engineering Technology



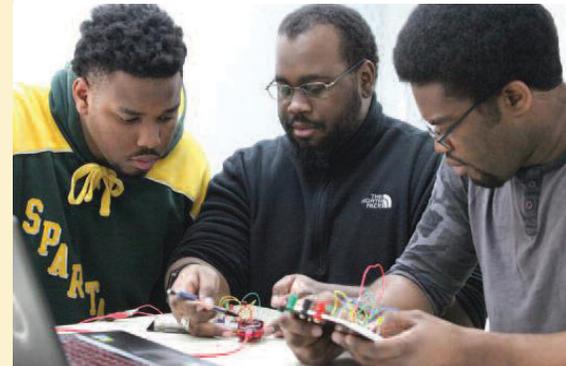
Technology students have access to:

- Industrial field trips
- Internships and scholarship assistance
- Professional conferences
- Professional certificate assistance
- Research opportunities

Technology students participate in the activities of:

- Associated General Contractors of America (AGC)
- Institute of Electrical and Electronics Engineers (IEEE)
- Society of Manufacturing Engineers (SME)
- Technology Society Club
- Habitat for Humanity

Technology majors are provided with excellent counseling and individual advising. Laboratories and classrooms offer a desirable blend of theory and practical application. The Department of Technology offers up-to-date specialized instruction in industrial and engineering technological career fields.



■ B.S. IN COMPUTER ENGINEERING TECHNOLOGY

■ B.S. IN ELECTRONICS ENGINEERING TECHNOLOGY

■ A.S. IN ARCHITECTURAL DRAFTING

■ B.S. IN CONSTRUCTION MANAGEMENT ENGINEERING TECHNOLOGY

RESEARCH CENTERS



THE CYBERSECURITY COMPLEX

The Cybersecurity Complex at Norfolk State University is a facility that has tools to equip the next generation of cybersecurity experts. Located in the Marie V. McDemmond Center for Applied Research, the Cybersecurity Complex includes data centers and research labs that provide training for students in areas that include cloud computing, digital forensics, wireless security, cyber-psychology, socio-cybersecurity and more. As a leader in cybersecurity education and research, the Cybersecurity Complex prepares today's students to provide tomorrow's cybersecurity solutions. Equipped with a wide range of cybersecurity tools, the complex is used to teach computer ethical hacking techniques, to practice for

cybersecurity competitions and to offer web-based VM cybersecurity laboratory exercises. The digital forensics laboratory is equipped with a variety of the latest digital forensic software and equipment.

Our team members research and develop an understanding of real-world operational cybersecurity gaps and associated high-impact research to expand our workforce development efforts to create partnerships with federal agencies and laboratories, industry and other universities to provide more opportunities to engage students and shape them to be emerging leaders in the field of cybersecurity.

Staffed by faculty members actively involved in cybersecurity from the departments of Computer Science, Mathematics, Psychology and Sociology, these faculty teach a range of cybersecurity courses, direct undergraduate and graduate student research, perform cybersecurity outreach and are active in pursuing and obtaining external funding. The unit has amassed more than \$45M to support cybersecurity initiatives at NSU.

The Complex is home to the Information Assurance – Research, Education and Development Institute and the Center of Excellence in Cyber Security.

THE C.M.R. – CENTER FOR MATERIALS RESEARCH

The Center for Materials Research (CMR) conducts cutting edge research in well-equipped facilities in areas of crystal growth and nanotechnology, polymer processing and thin film deposition, nonlinear optics and laser design, optical spectroscopy and magnetic resonance. CMR faculty members are energetic researchers dedicated to furthering knowledge in their respective disciplines. They focus on research problems of fundamental and practical importance in photonics and spin electronics, and make substantive efforts to cooperate with other universities, industry, and government laboratories.

FACILITIES INCLUDE:

- Crystal Growth Lab where novel crystals for laser use are prepared
- Materials Analysis Labs for probing materials developed in the CMR
- Organic Synthesis Lab where novel organic and polymeric materials are designed and characterized
- Laser Spectroscopy Labs which provide ultrafast, tunable optical light pulses
- Thin Films Lab, NMR Lab, and ESR Lab

The CMR offers exciting research opportunities for undergraduate chemistry and physics majors. Students are paid to work on original scientific projects, present results at national and international conferences, and help prepare articles for publication.

INFORMATION ASSURANCE – RESEARCH, EDUCATION AND DEVELOPMENT INSTITUTE (IA-REDI)

The Information Assurance–Research, Education and Development Institute (IA-REDI) provides opportunities for students to learn about the theory and practice of IA. The Information Assurance program addresses the nation's growing need for a diverse group of qualified computer and network security professionals.

IA-REDI was initially designated as a Center of Academic Excellence in Information Assurance (IA)/Cyber-Defense (CD) by the National Security Agency (NSA) and the Department of Homeland Security (DHS).

The Center of Excellence in Cyber Security at Norfolk State University is funded by the Department of Defense through a cooperative agreement managed by the Air Force Research Lab in Rome NY. The main objective of the Center is to conduct basic research to develop a cloud-enabled, big-data-analytics-capable Cyber Analysis, Simulation and Experimentation Environment for enhancing situational awareness and decision support for cyber defense and cyber training. The Center also performs research-related education, outreach and workforce development activities.

NSU NANOFABRICATION CLEANROOM FACILITY

NSU Nanofabrication Cleanroom Facility (NNCF) is specifically designed for nanofabrication meeting the ISO Class 5/6 Cleanroom Standards. It is located at Suite 104 in the Marie V. McDemmond Center of Applied Research Building with the 6,000 square foot space.

NNCF is a shared use, state-of-the-art facility that supports a broad range of nanoscale science, engineering and technology projects by providing state-of-the-art equipment and resources coupled with expert staff support and training. NNCF joined the Virginia Nanotechnology Networked Infrastructure (VNNI) as one of four founding members to function as a hub for economic development in South-eastern area of Virginia.

Research projects in the NNCF include:

- Neural Sensing Probes
- Semiconductor Devices
- Microfluidic Devices
- Nano-Biosensors
- Solar Cells
- NEMS actuators
- Multi-functional Sensors
- High-K Dielectrics for Integrated Circuits
- Wireless Power Transfer Devices

NAVAL SCIENCE



The primary mission of the Naval Science Program is to provide professional and leadership instruction to students who desire to serve as commissioned officers in the United States Navy or Marine Corps. Participation in the NROTC is voluntary, and any student who meets the qualifications is eligible to participate.

The NROTC Program consists of two courses of instruction: the four-year program and the college program. Both apply to scholarship and non-scholarship (course program) students.

REQUIREMENTS FOR FORMAL ENROLLMENT IN NROTC:

- Be a citizen of the United States
- Not less than 17 years old and not yet 23 by September 1 of the year starting college.
- Must not have reached 27th birthday upon graduation and commissioning.
- Applicants with prior military service may be eligible for age adjustments for amount of time equal to their prior service, on month-by-month basis, for maximum of 36 months, if they will not reach their 29th birthday upon commissioning.
- Applicants must have no criminal record of military or civilian offenses pending or federal convictions.
- No moral obligations or personal convictions that prevent conscientious bearing of arms and supporting and defending the Constitution of the United States against all enemies, foreign or domestic or to taking an oath to perform such acts.
- Medically qualified by Navy or Marine Corps standards.
- Must not have any body piercings or tattoos that violate Navy or Marine Corps policy.
- Must be within Navy or Marine Corps height/weight standards when you report.
- Be accepted by the University as a full-time enrolled student.

PLANETARIUM

- NSU's Planetarium has provided a highly regarded program of space science-related sky shows and educational activities for over 30 years.
- Public Planetarium shows (sky shows) with topics that range from solar system exploration to intelligent life in the universe have thrilled enthusiastic K-12, undergraduate, and graduate students.
- The Planetarium serves many diverse audiences – mentally challenged, high-achieving minority students in science, religious groups of all persuasions, Boy Scouts, senior citizens groups, garden clubs, deaf citizens, and preschoolers.
- The Planetarium was recently enhanced with state-of-the-art, research-grade equipment. With support from NASA, a group of astrophysicists is using the Planetarium to conduct cutting-edge research.



STUDENT SUPPORT



DOZORETZ NATIONAL INSTITUTE FOR MATHEMATICS AND APPLIED SCIENCES (DNIMAS) SCHOLARSHIP

The DNIMAS Program offers an academic scholarship and/or grant which provides assistance towards:

- Tuition and fees
- Room and board
- Book allowance

The eligibility requirements are:

- Combined SAT: 1200 (M-V); or Composite ACT: 23 or above 3.3 (unweighted) High School GPA
- Enrollment as an incoming freshman in biology, chemistry, computer science, engineering, mathematics, or physics
- To obtain more information, contact Dr. Aliecia McClain, Director, DNIMAS at (757) 823-2511, amclclain@nsu.edu.

THE COLLEGE OF SCIENCE, ENGINEERING, AND TECHNOLOGY SCHOLARSHIP

The CSET Scholarship provides:

- Up to \$5,000 per year

The eligibility requirements are:

- 2.8 GPA
- Enrollment in one of the eight CSET departments

To obtain more information, contact Dr. Aliecia McClain, Director,

STARS at (757) 823-2511, amclclain@nsu.edu.

STARS-PLUS PEER TUTORING CENTER

The STARS Peer Tutoring Program offers free, one-on-one tutoring, or group tutoring for students taking courses in CSET. Tutoring is provided by graduate and undergraduate peer tutors who have been trained in effective tutoring techniques in accordance with College Reading and Learning Association Guidelines.

To obtain more information, contact Dr. Aliecia McClain, Director, STARS, at (757) 823-2511, amclclain@nsu.edu.

SCIENCE AND TECHNOLOGY ACADEMICIANS ON THE ROAD TO SUCCESS (STARS)*

The STARS Research Stipend provides:

- \$3,500 per year Research internship opportunities
- One-on-one mentoring with a faculty mentor

The eligibility requirements are:

- 2.8 GPA
- Enrollment as a biology, chemistry, computer science, engineering, mathematics, physics, or technology major

To obtain more information, contact Dr. Aliecia McClain, Director, STARS at (757-823-2511), amclclain@nsu.edu.

WASHINGTON/BALTIMORE/HAMPTON ROADS - LOUIS STOKES ALLIANCE FOR MINORITY PARTICIPATION (WBHR-LSAMP)*

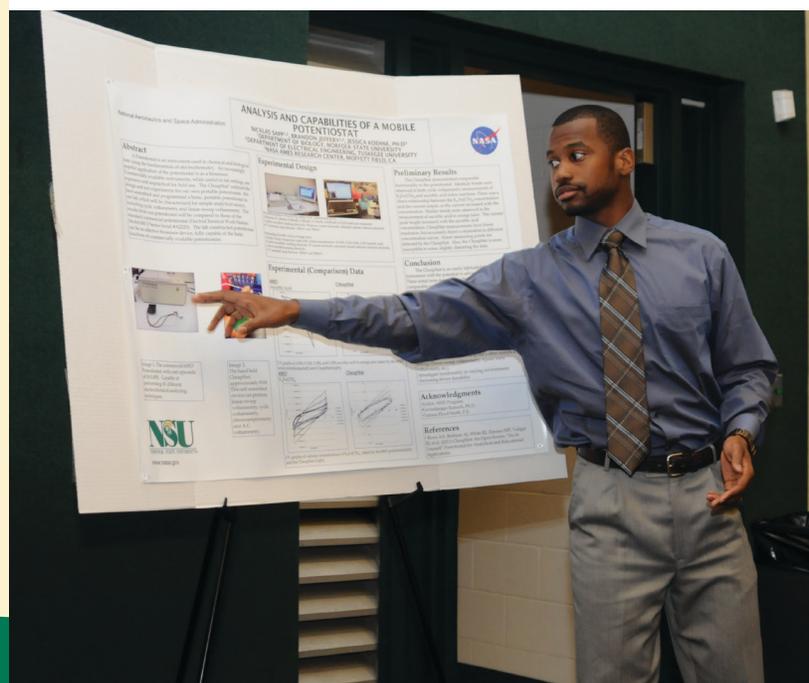
The WBHR-LSAMP Stipend provides:

- \$3,000 per year
- Research internship opportunities
- One-on-one mentoring with a faculty mentor

The eligibility requirements are:

- 2.8 GPA
- Enrollment as a second semester freshman in biology, chemistry, computer science, engineering, mathematics, physics, or technology

To obtain more information, contact Dr. Michael Keeve, Dean of CSET, at (757) 823-8180, mokeeve@nsu.edu



ARMY ROTC

The Army Reserve Officers' Training Corps (ROTC) is one of the best leadership courses in the country and can be a part of your college curriculum. The program trains college students to become officers in the United States Army, Army Reserve and Army National Guard.

Through military science classes, leadership labs, physical training sessions, and field training exercises our Cadets take part in hands-on leadership training that will equip them to become effective leaders in the Army as well as in civilian careers.

The Spartan Battalion has a rich history of equipping college students with the necessary skills to become successful leaders in the United States Army as well as in civilian careers. We focus on skills such as time management, planning, and effective communication. We instill in our Cadets the Army Values of Loyalty, Duty, Respect, Selfless Service, Honor, Integrity, and Personal Courage.

AROTC Enrollment Requirements

- Be a citizen of the United States.
- Physically able to participate in a normal college physical education course.
- Be accepted by the University as a full-time enrolled student.
- Be between the ages of 17 and 26.
- Possess a satisfactory record of moral integrity.

CONTACT INFO

- Phone: 757-823-9296
- Email: goldbar@nsu.edu
- Web: www.nsu.edu/armyrotc
- Facebook: www.facebook.com/nsuarmyrotc
- Instagram: www.instagram.com/nsuarmyrotc

PROGRAMS

Army ROTC is a four-year program divided into two parts; the Basic Course (which includes MSL 101, 102, 201, and 202) and the Advanced Course (which includes MSL 301, 302, 401, 402, and Advanced Camp). Cadets also must complete HIS 380 (Military History) as part of their commissioning requirements.

The Basic Course takes place during your first two years in college. You will learn basic military skills, the fundamentals of leadership and start the groundwork toward becoming an Army leader. You can take the entire Army ROTC Basic Courses (MSL 101, 102, 201 and 202) without incurring a military service obligation. The Advanced Course takes place during your last two years in college.



SCHOLARSHIP OPPORTUNITIES

Army ROTC Scholarships cover full tuition and fees, \$1200 per year for books and a \$420 monthly stipend. For more information on Army ROTC scholarships and other scholarship opportunities, visit www.nsu.edu/armyrotc/scholarships.

