

College of Engineering

Programs

- Aerospace Engineering (<http://catalog.ncsu.edu/graduate/engineering/aerospace-engineering/>)
- Biomanufacturing (<http://catalog.ncsu.edu/graduate/engineering/biomanufacturing/>)
- Biomedical Engineering (<http://catalog.ncsu.edu/graduate/engineering/biomedical-engineering/>)
- Chemical Engineering (<http://catalog.ncsu.edu/graduate/engineering/chemical-engineering/>)
- Civil Engineering (<http://catalog.ncsu.edu/graduate/engineering/civil-engineering/>)
- Computer Engineering (<http://catalog.ncsu.edu/graduate/engineering/computer-engineering/>)
- Computer Networking (<http://catalog.ncsu.edu/graduate/engineering/computer-networking/>)
- Computer Science (<http://catalog.ncsu.edu/graduate/engineering/computer-science/>)
- Electric Power System Engineering (<http://catalog.ncsu.edu/graduate/engineering/electric-power-system-engineering/>)
- Electrical Engineering (<http://catalog.ncsu.edu/graduate/engineering/electrical-engineering/>)
- Engineering (<http://catalog.ncsu.edu/graduate/engineering/engineering/>)
- Engineering Education (<http://catalog.ncsu.edu/graduate/engineering/engineering-education/>)
- Engineering Management (<http://catalog.ncsu.edu/graduate/engineering/engineering-management/>)
- Environmental Engineering (<http://catalog.ncsu.edu/graduate/engineering/environmental-engineering/>)
- Industrial Engineering (<http://catalog.ncsu.edu/graduate/engineering/industrial-engineering/>)
- Integrated Manufacturing Systems Engineering (<http://catalog.ncsu.edu/graduate/engineering/integrated-manufacturing-systems-engineering/>)
- Materials Science & Engineering (<http://catalog.ncsu.edu/graduate/engineering/materials-science-engineering/>)
- Mechanical Engineering (<http://catalog.ncsu.edu/graduate/engineering/mechanical-engineering/>)
- Nanoengineering (<http://catalog.ncsu.edu/graduate/engineering/nanoengineering/>)
- Nuclear Engineering (<http://catalog.ncsu.edu/graduate/engineering/nuclear-engineering/>)
- Computer Science (MR) (<http://catalog.ncsu.edu/graduate/engineering/computer-science/computer-science-mr/>)
- Engineering (MR) (<http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr/>)
- Engineering (MR): Aerospace Engineering Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-aerospace-engineering-concentration/>)
- Engineering (MR): Chemical Engineering Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-chemical-engineering-concentration/>)
- Engineering (MR): Computer Engineering Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-computer-engineering-concentration/>)
- Engineering (MR): Computer Science Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-computer-science-concentration/>)
- Engineering (MR): Engineering Management Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-engineering-management-concentration/>)
- Engineering (MR): Industrial Engineering Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-industrial-engineering-concentration/>)
- Engineering (MR): Materials Science and Engineering Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-materials-science-engineering-concentration/>)
- Engineering (MR): Mechanical Engineering Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-mechanical-engineering-concentration/>)
- Engineering (MR): Nuclear Engineering Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering/engineering-mr-nuclear-engineering-concentration/>)
- Engineering Management (MR) (<http://catalog.ncsu.edu/graduate/engineering/engineering-management/engineering-management-mr/>)
- Engineering Management (MR): Advanced Manufacturing Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering-management/engineering-management-mr-advanced-manufacturing-concentration/>)
- Engineering Management (MR): Analytics Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering-management/engineering-management-mr-analytics-concentration/>)
- Engineering Management (MR): Entrepreneurship Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering-management/engineering-management-mr-entrepreneurship-concentration/>)
- Engineering Management (MR): Facilities Engineering Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering-management/engineering-management-mr-facilities-engineering-concentration/>)
- Engineering Management (MR): General Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering-management/engineering-management-mr-general-concentration/>)
- Engineering Management (MR): Health and Human Systems Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering-management/engineering-management-mr-health-human-sys-concentration/>)
- Engineering Management (MR): Professional Practice Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering->)

Degree Programs

Master's (MR)

- Biomanufacturing (MR) (<http://catalog.ncsu.edu/graduate/engineering/biomanufacturing/biomanufacturing-mr/>)
- Chemical Engineering (MR) (<http://catalog.ncsu.edu/graduate/engineering/chemical-engineering/chemical-engineering-mr/>)
- Civil Engineering (MR) (<http://catalog.ncsu.edu/graduate/engineering/civil-engineering/civil-engineering-mr/>)

management/engineering-management-mr-professional-practice-concentration/)

- Engineering Management (MR): Supply Chain Engineering & Management Concentration (<http://catalog.ncsu.edu/graduate/engineering/engineering-management/engineering-management-mr-supply-chain-concentration/>)
- Environmental Engineering (MR) (<http://catalog.ncsu.edu/graduate/engineering/environmental-engineering/environmental-engineering-mr/>)
- Industrial Engineering (MR) (<http://catalog.ncsu.edu/graduate/engineering/industrial-engineering/industrial-engineering-mr/>)
- Integrated Manufacturing Systems Engineering (MR) (<http://catalog.ncsu.edu/graduate/engineering/integrated-manufacturing-systems-engineering/integrated-manufacturing-systems-engineering-mr/>)
- Materials Science and Engineering (MR) (<http://catalog.ncsu.edu/graduate/engineering/materials-science-engineering/materials-science-engineering-mr/>)
- Nanoengineering (MR) (<http://catalog.ncsu.edu/graduate/engineering/nanoengineering/nanoengineering-mr/>)
- Nanoengineering (MR): Biomedical Sciences in Nanoengineering Concentration (<http://catalog.ncsu.edu/graduate/engineering/nanoengineering/nanoengineering-mr-biomedical-sciences-concentration/>)
- Nanoengineering (MR): Materials Science in Nanoengineering Concentration (<http://catalog.ncsu.edu/graduate/engineering/nanoengineering/nanoengineering-mr-materials-science-concentration/>)
- Nanoengineering (MR): Nanoelectronics and Nanophotonics Concentration (<http://catalog.ncsu.edu/graduate/engineering/nanoengineering/nanoengineering-mr-nanoelectronics-nanophotonics-concentration/>)
- Nuclear Engineering (MR) (<http://catalog.ncsu.edu/graduate/engineering/nuclear-engineering/nuclear-engineering-mr/>)

Master of Science (MS)

- Aerospace Engineering (MS) (<http://catalog.ncsu.edu/graduate/engineering/aerospace-engineering/aerospace-engineering-ms/>)
- Biomanufacturing (MS) (<http://catalog.ncsu.edu/graduate/engineering/biomanufacturing/biomanufacturing-ms/>)
- Biomedical Engineering (MS) (<http://catalog.ncsu.edu/graduate/engineering/biomedical-engineering/biomedical-engineering-ms/>)
- Biomedical Engineering (MS): MedTech Innovation and Entrepreneurship Concentration (<http://catalog.ncsu.edu/graduate/engineering/biomedical-engineering/biomedical-engineering-ms-translation-innovation-entrepreneurship-concentration/>)
- Biomedical Engineering (MS): Traditional Concentration (<http://catalog.ncsu.edu/graduate/engineering/biomedical-engineering/biomedical-engineering-ms-traditional-concentration/>)
- Chemical Engineering (MS) (<http://catalog.ncsu.edu/graduate/engineering/chemical-engineering/chemical-engineering-ms/>)
- Civil Engineering (MS) (<http://catalog.ncsu.edu/graduate/engineering/civil-engineering/civil-engineering-ms/>)
- Computer Engineering (MS) (<http://catalog.ncsu.edu/graduate/engineering/computer-engineering/computer-engineering-ms/>)
- Computer Engineering (MS): Internship Concentration (<http://catalog.ncsu.edu/graduate/engineering/computer-engineering/computer-engineering-ms-internship-concentration/>)

- Computer Networking (MS) (<http://catalog.ncsu.edu/graduate/engineering/computer-networking/computer-networking-ms/>)
- Computer Networking (MS): Internship Concentration (<http://catalog.ncsu.edu/graduate/engineering/computer-networking/computer-networking-ms-internship-concentration/>)
- Computer Science (MS) (<http://catalog.ncsu.edu/graduate/engineering/computer-science/computer-science-ms/>)
- Electric Power System Engineering (MS) (<http://catalog.ncsu.edu/graduate/engineering/electric-power-system-engineering/electric-power-systems-engineering-ms/>)
- Electric Power System Engineering (MS): Internship Concentration (<http://catalog.ncsu.edu/graduate/engineering/electric-power-system-engineering/electric-power-systems-engineering-ms-internship-concentration/>)
- Electric Power System Engineering (MS): Wide Bandgap Power Electronics Concentration (<http://catalog.ncsu.edu/graduate/engineering/electric-power-system-engineering/electric-power-systems-engineering-ms-wide-bandgap-power-electronics-concentration/>)
- Electrical Engineering (MS) (<http://catalog.ncsu.edu/graduate/engineering/electrical-engineering/electrical-engineering-ms/>)
- Electrical Engineering (MS): Internship Concentration (<http://catalog.ncsu.edu/graduate/engineering/electrical-engineering/electrical-engineering-ms-internship-concentration/>)
- Engineering Education (MS) (<http://catalog.ncsu.edu/graduate/engineering/engineering-education/engineering-education-ms/>)
- Engineering Education (MS) (<http://catalog.ncsu.edu/graduate/engineering/engineering-education/engineering-education-ms/>)
- Environmental Engineering (MS) (<http://catalog.ncsu.edu/graduate/engineering/environmental-engineering/environmental-engineering-ms/>)
- Industrial Engineering (MS) (<http://catalog.ncsu.edu/graduate/engineering/industrial-engineering/industrial-engineering-ms/>)
- Materials Science and Engineering (MS) (<http://catalog.ncsu.edu/graduate/engineering/materials-science-engineering/materials-science-engineering-ms/>)
- Mechanical Engineering (MS) (<http://catalog.ncsu.edu/graduate/engineering/mechanical-engineering/mechanical-engineering-ms/>)
- Nuclear Engineering (MS) (<http://catalog.ncsu.edu/graduate/engineering/nuclear-engineering/nuclear-engineering-ms/>)

Doctor of Philosophy (PhD)

- Aerospace Engineering (PhD) (<http://catalog.ncsu.edu/graduate/engineering/aerospace-engineering/aerospace-engineering-phd/>)
- Biomedical Engineering (PhD) (<http://catalog.ncsu.edu/graduate/engineering/biomedical-engineering/biomedical-engineering-phd/>)
- Chemical Engineering (PhD) (<http://catalog.ncsu.edu/graduate/engineering/chemical-engineering/chemical-engineering-phd/>)
- Civil Engineering (PhD) (<http://catalog.ncsu.edu/graduate/engineering/civil-engineering/civil-engineering-phd/>)
- Computer Engineering (PhD) (<http://catalog.ncsu.edu/graduate/engineering/computer-engineering/computer-engineering-phd/>)
- Computer Science (PhD) (<http://catalog.ncsu.edu/graduate/engineering/computer-science/computer-science-phd/>)
- Electrical Engineering (PhD) (<http://catalog.ncsu.edu/graduate/engineering/electrical-engineering/electrical-engineering-phd/>)

- Industrial Engineering (PhD) (<http://catalog.ncsu.edu/graduate/engineering/industrial-engineering/industrial-engineering-phd/>)
- Materials Science and Engineering (PhD) (<http://catalog.ncsu.edu/graduate/engineering/materials-science-engineering/materials-science-engineering-phd/>)
- Mechanical Engineering (PhD) (<http://catalog.ncsu.edu/graduate/engineering/mechanical-engineering/mechanical-engineering-phd/>)
- Nuclear Engineering (PhD) (<http://catalog.ncsu.edu/graduate/engineering/nuclear-engineering/nuclear-engineering-phd/>)

Minors

- Aerospace Engineering (Minor) (<http://catalog.ncsu.edu/graduate/engineering/aerospace-engineering/aerospace-engineering-minor/>)
- Biomanufacturing (Minor) (<http://catalog.ncsu.edu/graduate/engineering/biomanufacturing/biomanufacturing-minor/>)
- Biomedical Engineering (Minor) (<http://catalog.ncsu.edu/graduate/engineering/biomedical-engineering/biomedical-engineering-minor/>)
- Chemical Engineering (Minor) (<http://catalog.ncsu.edu/graduate/engineering/chemical-engineering/chemical-engineering-minor/>)
- Civil Engineering (Minor) (<http://catalog.ncsu.edu/graduate/engineering/civil-engineering/civil-engineering-minor/>)
- Computer Engineering (Minor) (<http://catalog.ncsu.edu/graduate/engineering/computer-engineering/computer-engineering-minor/>)
- Electrical Engineering (Minor) (<http://catalog.ncsu.edu/graduate/engineering/electrical-engineering/electrical-engineering-minor/>)
- Industrial Engineering (Minor) (<http://catalog.ncsu.edu/graduate/engineering/industrial-engineering/industrial-engineering-minor/>)
- Materials Science and Engineering (Minor) (<http://catalog.ncsu.edu/graduate/engineering/materials-science-engineering/materials-science-engineering-minor/>)
- Mechanical Engineering (Minor) (<http://catalog.ncsu.edu/graduate/engineering/mechanical-engineering/mechanical-engineering-minor/>)
- Nuclear Engineering (Minor) (<http://catalog.ncsu.edu/graduate/engineering/nuclear-engineering/nuclear-engineering-minor/>)

Certificates

- 5G Technology (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/electrical-engineering/5g-technologies-certificate/>)
- ASIC Design & Verification (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/electrical-engineering/asic-design-and-verification-certificate/>)
- Biomanufacturing (MR): Industry Track (<http://catalog.ncsu.edu/graduate/engineering/biomanufacturing/biomanufacturing-mr/industry-track/>)
- Biomanufacturing Online Graduate Certificate (<http://catalog.ncsu.edu/graduate/engineering/biomanufacturing/biomanufacturing-online-graduate-certificate/>)
- Biomedical Engineering (MS): MedTech Innovation and Entrepreneurship Concentration (<http://catalog.ncsu.edu/graduate/engineering/biomedical-engineering/biomedical-engineering-ms-translation-innovation-entrepreneurship-concentration/>)
- Computer Engineering (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/computer-engineering/computer-engineering-certificate/>)
- Computer Science (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/computer-science/computer-science-certificate/>)
- Cybersecurity (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/graduate-certificate/cybersecurity-certificate/>)
- Data Science Foundations (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/computer-science/data-science-foundations-certificate/>)
- Downstream Biomanufacturing (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/biomanufacturing/downstream-biomanufacturing-certificate/>)
- Electrical Engineering (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/electrical-engineering/electrical-engineering-certificate/>)
- Engineering Education (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/engineering-education/engineering-education-certificate/>)
- Engineering Management Analytics (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/engineering-management/eng-mgmt-analytics-cert/>)
- Engineering Management Foundations (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/engineering-management/eng-mgmt-found-cert/>)
- Health Physics (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/graduate-certificate/health-physics-certificate/>)
- Materials Informatics (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/materials-science-engineering/materials-informatics-cert/>)
- Materials Science and Engineering (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/materials-science-engineering-certificate/>)
- Nano-Systems Engineering (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/electrical-engineering/nano-systems-engineering-certificate/>)
- Nanobiotechnology (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/biomedical-engineering/nanobiotechnology-certificate/>)
- Performance Based Earthquake Engineering (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/civil-engineering/performance-based-earthquake-engineering-cert/>)
- Renewable Electric Energy Systems (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/electrical-engineering/renewable-electric-energy-systems-certificate/>)
- Upstream Biomanufacturing (Certificate) (<http://catalog.ncsu.edu/graduate/engineering/biomanufacturing/upstream-biomanufacturing-certificate/>)