Undergraduate

The NC State Wolfpack is an ever-growing community of inventors, creators, and scholars. As a community, we not only think about how to make the world better, we also take action and make it happen. We're quick, curious, and creative - and we want you to join us!

If you're considering joining the NC State Wolfpack, the Undergraduate Catalog is a valuable resource to help introduce you to our university. Start exploring with the links in the sidebar. You can find information on admission requirements (http://catalog.ncsu.edu/about/admission/enrollment/admission/undergraduate/admission/), degrees offered, and academic policies (http://catalog.ncsu.edu/undergraduate/academic-policies-procedures/) relevant to your career as a student. You'll also find a wealth of information on the numerous services NC State offers to students. See how NC State can help you put your ideas into action!

Majors

A

• Accounting (BS) (http://catalog.ncsu.edu/undergraduate/management/accounting/accounting-bs/)
• Aerospace Engineering (BS) (http://catalog.ncsu.edu/undergraduate/engineering/mechanical-aerospace/aerospace-engineering-bs/)
• Agribusiness Management (AAS) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-institute/agribusiness-management-aas/)
• Agricultural Business Management (BS) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-resource-economics/agricultural-business-management-bs/)
• Agricultural Business Management (BS): Biological Sciences Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-resource-economics/agricultural-business-management-bs-biological-sciences-concentration/)
• Agricultural Education (BS): Agricultural Engineering Technology Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-education-bs-agricultural-engineering-technology-concentration/)
• Agricultural Education (BS): Agronomy Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-education-bs-agronomy-concentration/)
• Agricultural Education (BS): Animal Science Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-education-bs-animal-science-concentration/)
• Agricultural Education (BS): Horticultural Science Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-education-bs-horticultural-science-concentration/)
• Agricultural Education (BS): Natural Resources Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-education-bs-natural-resources-concentration/)
• Agricultural Education (BS): Poultry Science Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-education-bs-poultry-science-concentration/)
• Agricultural Science (BS) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-science-bs/)
• Agroecology & Sustainable Food Systems (BS): Agroecology Research & Production Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/agroecology-sustainable-food-systems-bs-agroecology-research-production-concentration/)
• Agroecology & Sustainable Food Systems (BS): Urban Horticulture Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/horticultural-science/agroecology-sustainable-food-systems-bs-urban-horticulture-concentration/)
• Animal Science (BS): Industry Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/animal-science/animal-science-bs-industry-concentration/)
• Animal Science (BS): Science Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/animal-science/animal-science-bs-science-concentration/)
• Animal Science (BS): Veterinary Bioscience Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/animal-science/animal-science-bs-veterinary-bioscience-concentration/)
• Anthropology (BA): General Anthropology Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/sociology-anthropology/anthropology-ba-general-anthropology-concentration/)
• Applied Education Studies (BS) (http://catalog.ncsu.edu/undergraduate/education/teacher-education-learning-sciences/education-general-studies-bs/)
• Applied Education Studies (BS): Learning Design and Technology (http://catalog.ncsu.edu/undergraduate/education/teacher-education-learning-sciences/education-general-studies-bs/applied-education-studies-ldt/)
• Applied Mathematics (BS) (http://catalog.ncsu.edu/undergraduate/sciences/mathematics/applied-mathematics-bs/)
• Architecture (Bachelor) (http://catalog.ncsu.edu/undergraduate/design/architecture/architecture-bachelor/)
• Art and Design (Bachelor) (http://catalog.ncsu.edu/undergraduate/design/art-design/art-design-bachelor/)
• Arts Studies (BA): Film Studies Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/arts-studies-program/arts-studies-ba-film-studies-concentration/)
• Arts Studies (BA): Music Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/arts-studies-program/arts-studies-ba-music-concentration/)
• Arts Studies (BA): Theater Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/arts-studies-program/arts-studies-ba-theater-concentration/)

• Arts Studies (BA): Visual Arts Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/arts-studies-program/arts-studies-ba-visual-arts-concentration/)

• Biochemistry (BS) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/molecular-structural-biochemistry/biochemistry-bs/)

• Biological and Agricultural Engineering Technology (BS) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/biological-agricultural-engineering/biological-agricultural-engineering-technology-bs/)

• Biological and Agricultural Engineering Technology (BS): Agricultural Systems Management Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/biological-agricultural-engineering/biological-agricultural-engineering-technology-bs-agricultural-systems-management-concentration/)


• Biological Engineering (BS) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/biological-agricultural-engineering/biological-engineering-bs/)

• Biological Engineering (BS): Agricultural Engineering Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/biological-agricultural-engineering/biological-engineering-bs-agricultural-engineering-concentration/)

• Biological Engineering (BS): Bioprocessing Engineering Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/biological-agricultural-engineering/biological-engineering-bs-bioprocessing-engineering-concentration/)

• Biological Engineering (BS): Ecological Engineering Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/biological-agricultural-engineering/biological-engineering-bs-ecological-engineering-concentration/)

• Biological Engineering (BS): Environmental Engineering Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/biological-agricultural-engineering/biological-engineering-bs-environmental-engineering-concentration/)

• Biological Sciences (BA) (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/biological-sciences-ba/)

• Biological Sciences (BS) (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/biological-sciences-bs/)


• Biological Sciences (BS): Human Biology Concentration (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/biological-sciences-bs-human-biology-concentration/)

• Biological Sciences (BS): Integrative Physiology and Neurobiology Concentration (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/biological-sciences-bs-integrative-physiology-neurobiology-concentration/)

• Biological Sciences (BS): Molecular, Cellular, and Developmental Biology Concentration (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/biological-sciences-bs-molecular-cellular-developmental-biology-concentration/)

• Biomedical Engineering (BS) (http://catalog.ncsu.edu/undergraduate/engineering/biomedical/biomedical-engineering-bs/)

• Bioprocessing Science (BS) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/food-bioprocessing-nutrition-science/bioprocessing-science-bs/)

• Business Administration (BS) (http://catalog.ncsu.edu/undergraduate/management/business/business-administration-bs/)

• Business Administration (BS): Entrepreneurship Concentration (http://catalog.ncsu.edu/undergraduate/management/business/business-administration-bs-entrepreneurship-concentration/)

• Business Administration (BS): Finance Concentration (http://catalog.ncsu.edu/undergraduate/management/business/business-administration-bs-finance-concentration/)

• Business Administration (BS): Human Resources Concentration (http://catalog.ncsu.edu/undergraduate/management/business/business-administration-bs-human-resources-concentration/)

• Business Administration (BS): Information Technology Concentration (http://catalog.ncsu.edu/undergraduate/management/business/business-administration-bs-information-technology-concentration/)

• Business Administration (BS): Marketing Concentration (http://catalog.ncsu.edu/undergraduate/management/business/business-administration-bs-marketing-concentration/)

• Business Administration (BS): Operations/Supply Chain Management (http://catalog.ncsu.edu/undergraduate/management/business/business-administration-bs-operations-supply-chain-management/)

• Business Administration (BS): Undeclared (http://catalog.ncsu.edu/undergraduate/management/business/business-administration-bs-undeclared/)

• Chemical Engineering (BS) (http://catalog.ncsu.edu/undergraduate/engineering/chemical-biomolecular/chemical-engineering-bs/)

• Chemical Engineering (BS): Biomanufacturing Sciences Concentration (http://catalog.ncsu.edu/undergraduate/engineering/chemical-biomolecular/chemical-engineering-bs-biomanufacturing-sciences-concentration/)

• Chemical Engineering (BS): Biomolecular Concentration (http://catalog.ncsu.edu/undergraduate/engineering/chemical-biomolecular/chemical-engineering-bs-biomolecular-concentration/)

• Chemical Engineering (BS): CHE/TE Dual Major (http://catalog.ncsu.edu/undergraduate/engineering/chemical-biomolecular/chemical-engineering-bs-textile-dual-major/)

• Chemical Engineering (BS): Honors Concentration (http://catalog.ncsu.edu/undergraduate/engineering/chemical-biomolecular/chemical-engineering-bs-honors-concentration/)

• Chemical Engineering (BS): Nanoscience Concentration (http://catalog.ncsu.edu/undergraduate/engineering/chemical-biomolecular/chemical-engineering-bs-nanoscience-concentration/)

• Chemical Engineering (BS): Sustainable Engineering, Energy, and the Environment (http://catalog.ncsu.edu/undergraduate/engineering/chemical-biomolecular/chemical-engineering-bs-sustainable-engineering-energy-environment/)

• Chemistry (BA) (http://catalog.ncsu.edu/undergraduate/sciences/chemistry/chemistry-ba/)
• Chemistry (BS) (http://catalog.ncsu.edu/undergraduate/sciences/chemistry/chemistry-bs/)
• Civil Engineering (BS) (http://catalog.ncsu.edu/undergraduate/engineering/civil-construction-environmental/civil-engineering-bs/)
• Communication (BA) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/communication/communication-ba/)
• Communication (BA): Communication Media Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/communication/communication-ba-communication-media-concentration/)
• Communication (BA): Public Relations Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/communication/communication-ba-public-relations-concentration/)
• Computer Engineering (BS) (http://catalog.ncsu.edu/undergraduate/engineering/computer-science/computer-science-bs-computer-engineering-bs/)
• Computer Science (BS) (http://catalog.ncsu.edu/undergraduate/engineering/computer-science/computer-science-bs-cybersecurity-concentration/)
• Computer Science (BS): Cybersecurity Concentration (http://catalog.ncsu.edu/undergraduate/engineering/computer-science/computer-science-bs-cybersecurity-concentration/)
• Computer Science (BS): Game Development Concentration (http://catalog.ncsu.edu/undergraduate/engineering/computer-science/computer-science-bs-game-development-concentration/)
• Computer Science (BS): Mechatronics Concentration (http://catalog.ncsu.edu/undergraduate/engineering/computer-science/computer-science-bs-mechatronics-concentration/)
• Computer Science (BS): Nuclear Power Concentration (http://catalog.ncsu.edu/undergraduate/engineering/computer-science/computer-science-bs-nuclear-power-concentration/)
• Construction Engineering (BS) (http://catalog.ncsu.edu/undergraduate/engineering/civil-construction-environmental/construction-engineering-bs/)
• Criminology (BA) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/sociology-anthropology/criminology-ba/)
• Crop and Soil Sciences (BS): Agronomy (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/crop-soil-sciences-bs-agronomy/)
• Crop and Soil Sciences (BS): Turfgrass Science (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/turfgrass-science-bs/)
• Economics (BS) (http://catalog.ncsu.edu/undergraduate/management/economics/economics-bs/)
• Electrical Engineering (BS) (http://catalog.ncsu.edu/undergraduate/engineering/electrical-computer/electrical-engineering-bs/)
• Elementary Education (BS): Science, Technology, Engineering, and Mathematics Concentration (http://catalog.ncsu.edu/undergraduate/education/teacher-education-learning-sciences/elementary-education-bs-science-technology-engineering-mathematics-concentration/)
• Engineering (BS) (http://catalog.ncsu.edu/undergraduate/engineering/engineering-bs/)
• Engineering (BS): Mechanical Engineering Systems Concentration (http://catalog.ncsu.edu/undergraduate/engineering/engineering-bs-mechanical-engineering-systems-concentration/)
• Engineering (BS): Mechatronics Concentration (http://catalog.ncsu.edu/undergraduate/engineering/engineering-bs-mechatronics-concentration/)
• Engineering First Year (http://catalog.ncsu.edu/undergraduate/engineering/firstyear/)
• English (BA): Creative Writing Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/english-ba-creative-writing-concentration/)
• English (BA): Film Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/english-ba-film-concentration/)
• English (BA): Linguistics Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/english-ba-linguistics-concentration/)
• English (BA): Literature Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/english-ba-literature-concentration/)
• English (BA): Rhetoric and Professional Writing Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/english-ba-language-writing-rhetoric-concentration/)
• English (BA): Teacher Education Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/english-ba-teacher-education-concentration/)
• Environmental Design in Architecture (Bachelor) (http://catalog.ncsu.edu/undergraduate/design/architecture/environmental-design-architecture-bachelor/)
• Environmental Engineering (BS) (http://catalog.ncsu.edu/undergraduate/engineering/civil-construction-environmental/environmental-engineering-bs/)
• Environmental First Year Program (http://catalog.ncsu.edu/undergraduate/natural-resources/environmental-first-year-program/)
• Environmental Sciences (BS) (http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/environmental-sciences-bs/)
• Environmental Technology and Management (BS) (http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-
environmental-resources/environmental-technology-management-bs/

• Exploratory Studies (http://catalog.ncsu.edu/undergraduate/university-college/academic-advising-programs-services/exploratory-studies/)

F

• Fashion and Textile Design (BS): Fashion Design Concentration (http://catalog.ncsu.edu/undergraduate/textiles/textile-apparel-technology-management/fashion-textile-design-bs-fashion-design-concentration/)

• Fashion and Textile Design (BS): Textile Design Concentration (http://catalog.ncsu.edu/undergraduate/textiles/textile-apparel-technology-management/fashion-textile-design-bs-textile-design-concentration/)


• Field Crops Technology (AAS) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-institute/field-crops-technology-aas/)


• Food Science (BS): Science Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/food-bioprocessing-nutrition-science/food-science-bs-science-concentration/)

• Food Science (BS): Technology Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/food-bioprocessing-nutrition-science/food-science-bs-technology-concentration/)

• Foreign Languages and Literatures (BA): Arabic Studies Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/foreign-languages-literatures-ba-arabic-language-concentration/)

• Foreign Languages and Literatures (BA): Asian Language Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/foreign-languages-literatures-ba-asian-language-concentration/)

• Foreign Languages and Literatures (BA): Foreign Language Chinese Education Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/foreign-languages-literatures-ba-foreign-language-chinese-education-concentration/)

• Foreign Languages and Literatures (BA): Foreign Language French Education Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/foreign-languages-literatures-ba-foreign-language-french-education-concentration/)

• Foreign Languages and Literatures (BA): Foreign Language German Education Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/foreign-languages-literatures-ba-foreign-language-german-education-concentration/)

• Foreign Languages and Literatures (BA): Foreign Language Spanish Education Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/foreign-languages-literatures-ba-foreign-language-spanish-education-concentration/)

• Foreign Languages and Literatures (BA): French Studies Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/foreign-languages-literatures-ba-french-studies-concentration/)

• Foreign Languages and Literatures (BA): German Studies Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/foreign-languages-literatures-ba-german-studies-concentration/)

• Forest Management (BS) (http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/forest-management-bs/)

• Forest Management (BS): Ecology Concentration (http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/forest-management-bs-ecology-concentration/)

• Forest Management (BS): Production Concentration (http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/forest-management-bs-production-concentration/)

G

• General Agriculture (AAS) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-institute/general-agriculture-aas/)

• Genetics (BS) (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/genetics-bs/)

• Geology (BS) (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/geology-bs/)
• Graphic & Experience Design (Bachelor) (http://catalog.ncsu.edu/undergraduate/design/graphic-industrial-design/graphic-design-bachelor/)

• History (BA) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/history/history-ba/)

• History (BA): Legal History Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/history/history-ba-legal-history-concentration/)

• History (BA): Teacher Education Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/history/history-ba-teacher-education-concentration/)

• History (BS) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/history/history-bs/)


• Industrial Design (Bachelor) (http://catalog.ncsu.edu/undergraduate/design/graphic-industrial-design/industrial-design-bachelor/)

• Industrial Engineering (BS) (http://catalog.ncsu.edu/undergraduate/engineering/industrial-systems/industrial-engineering-bs/)

• Inter-College Transfer (http://catalog.ncsu.edu/undergraduate/university-college/academic-advising-programs-services/inter-college-transfer/)

• Interdisciplinary Studies (BA): Africana Studies Community Studies Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/africana-studies-program/africana-studies-ba-community-studies-concentration/)

• Interdisciplinary Studies (BA): Africana Studies Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/africana-studies-program/africana-studies-ba/)

• Interdisciplinary Studies (BA): Self Design Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/interdisciplinary-studies/interdisciplinary-studies-ba-self-design-concentration/)

• Interdisciplinary Studies (BA): Women’s, Gender and Sexuality Studies Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/womens-gender-studies-program/womens-gender-studies-ba/)

• Interdisciplinary Studies (BS): Self Design Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/interdisciplinary-studies/interdisciplinary-studies-bs/)

• Interdisciplinary Studies (BS): Women’s, Gender and Sexuality Studies Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/womens-gender-studies-program/womens-gender-studies-bs/)

• International Studies (BA): Africa Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/international-studies-program/international-studies-ba-africa-concentration/)

• International Studies (BA): East and Southeast Asia Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/international-studies-program/international-studies-ba-east-southeast-asia-concentration/)

• International Studies (BA): Europe Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/international-studies-program/international-studies-ba-europe-concentration/)

• International Studies (BA): Global Cultural Studies Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/international-studies-program/international-studies-ba-global-cultural-studies/)

• International Studies (BA): Global Relations Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/international-studies-program/international-studies-ba-global-relations/)

• International Studies (BA): Global Sustainability and Development Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/international-studies-program/international-studies-ba-global-sustainability-development/)

• International Studies (BA): Latin America Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/international-studies-program/international-studies-ba-latin-america-concentration/)

• International Studies (BA): South Asia and Middle East Concentration (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/international-studies-program/international-studies-ba-south-asia-middle-east-concentration/)

• Leadership in the Public Sector (BA): Distance Education (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/political-science/leadership-public-sector-ba-de/)

• Life Sciences First Year (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/life-sciences-first-year/)

• Life Sciences First Year (http://catalog.ncsu.edu/undergraduate/life-sciences/life-sciences-first-year/)

• Livestock and Poultry Management (AAS) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-institute/livestock-management-aas/)

• Marine Sciences (BS): Biological Oceanography Concentration (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-
atmospheric-sciences/marine-sciences-bs-biological-oceanography-concentration/
• Marine Sciences (BS): Chemistry Concentration (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/marine-sciences-bs-chemistry-concentration/)
• Marine Sciences (BS): Geology Concentration (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/marine-sciences-bs-geology-concentration/)
• Marine Sciences (BS): Meteorology Concentration (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/marine-sciences-bs-meteorology-concentration/)
• Marine Sciences (BS): Physics Concentration (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/marine-sciences-bs-physics-concentration/)
• Materials Science and Engineering (BS) (http://catalog.ncsu.edu/undergraduate/engineering/materials-science-engineering/materials-science-engineering-bs/)
• Materials Science and Engineering (BS): Biomaterials Concentration (http://catalog.ncsu.edu/undergraduate/engineering/materials-science-engineering/materials-science-engineering-bs-biomaterials-concentration/)
• Materials Science and Engineering (BS): Nanomaterials Concentration (http://catalog.ncsu.edu/undergraduate/engineering/materials-science-engineering/materials-science-engineering-bs-nanomaterials-concentration/)
• Mathematics (BS) (http://catalog.ncsu.edu/undergraduate/sciences/mathematics/mathematics-bs/)
• Mathematics Education (BS) and Mathematics (BS) (Double Major) (http://catalog.ncsu.edu/undergraduate/education/stem/mathematics-education-bs-mathematics-bs-double-major/)
• Mathematics Education (BS) and Statistics (BS) (Double Major) (http://catalog.ncsu.edu/undergraduate/education/stem/mathematics-education-bs-statistics-bs-double-major/)
• Mathematics Education (BS): Computer Specialization (http://catalog.ncsu.edu/undergraduate/education/stem/mathematics-education-bs-computer-specialization/)
• Mathematics Education (BS): Mathematics Specialization (http://catalog.ncsu.edu/undergraduate/education/stem/mathematics-education-bs-mathematics-specialization/)
• Mathematics Education (BS): Middle Grades Mathematics Concentration (http://catalog.ncsu.edu/undergraduate/education/stem/mathematics-education-bs-middle-grades-mathematics-concentration/)
• Mathematics Education (BS): Statistics Specialization (http://catalog.ncsu.edu/undergraduate/education/stem/mathematics-education-bs-statistics-specialization/)
• Mechanical Engineering (BS) (http://catalog.ncsu.edu/undergraduate/engineering/mechanical-aerospace/mechanical-engineering-bs/)
• Meteorology (BS) (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/meteorology-bs/)
• Meteorology (BS): Marine Sciences Concentration (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/meteorology-bs-marine-sciences-concentration/)
• Microbiology (BS) (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/microbiology-bs/)
• Microbiology (BS): Microbial Biotechnology Concentration (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/microbiology-bs-microbial-biotechnology/)
• Microbiology (BS): Microbial Health Science Concentration (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/microbiology-bs-microbial-health-science/)
• Microbiology (BS): Microbial Research Concentration (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/microbiology-bs-microbial-research/)
• Middle Grades Education (BS): Language Arts and Social Studies Concentration (http://catalog.ncsu.edu/undergraduate/education/teacher-education/learning-sciences/middle-grades-education-bs-language-arts-social-studies-concentration/)
• Middle Grades Education (BS): Mathematics and Sciences Concentration (http://catalog.ncsu.edu/undergraduate/education/stem/middle-grades-education-bs-mathematics-sciences-concentration/)
• Music Technology (BS) (http://catalog.ncsu.edu/undergraduate/university-college/music/music-technology/)
• Music Technology (BS): Electronics & Circuits Concentration (http://catalog.ncsu.edu/undergraduate/university-college/music/music-technology-electronics-and-circuits/)
• Music Technology (BS): Software & Digital Hardware (http://catalog.ncsu.edu/undergraduate/university-college/music/music-technology-software-and-digital-hardware/)

N
• Natural Resources (BS): Ecosystem Assessment Concentration (http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/natural-resources-bs-ecosystem-assessment-concentration/)
• Natural Resources (BS): Marine and Coastal Concentration (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/natural-resources-bs-marine-coastal-concentration/)
• Natural Resources (BS): Policy and Administration Concentration (http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/natural-resources-bs-policy-administration-concentration/)
• Natural Resources (BS): Soil, Water and Land Use Concentration (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/natural-resources-bs-soil-water-land-use-concentration/)
• Nuclear Engineering (BS) (http://catalog.ncsu.edu/undergraduate/engineering/nuclear/nuclear-engineering-bs/)
• Nutrition Sciences (BS) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/food-bioprocessing-nutrition-science/nutrition-sciences-bs/)

P
• Paper Science and Engineering (BS) (http://catalog.ncsu.edu/undergraduate/natural-resources/forest-biomaterials/paper-science-engineering-bs/)
• Paper Science and Engineering (BS): Dual Major (http://catalog.ncsu.edu/undergraduate/natural-resources/forest-biomaterials/paper-science-engineering-bs-dual-major/)
• Parks, Recreation and Tourism Management (BS): Recreation and Park Management Concentration (http://catalog.ncsu.edu/
• Statistics (BS) (http://catalog.ncsu.edu/undergraduate/sciences/statistics/statistics-bs/)
• Sustainable Materials and Technology (BS) (http://catalog.ncsu.edu/undergraduate/natural-resources/forest-biomaterials/sustainable-materials-technology-bs/)
• Sustainable Materials and Technology (BS): SMT Wood Products Concentration (http://catalog.ncsu.edu/undergraduate/natural-resources/forest-biomaterials/sustainable-materials-technology-bs-smt-wood-products-concentration/)

T
• Technology, Engineering and Design Education (BS): Graphic Communication Concentration (http://catalog.ncsu.edu/undergraduate/education/stem/technology-engineering-design-education-bs-graphic-communication-concentration/)
• Technology, Engineering and Design Education (BS): Licensure Concentration (http://catalog.ncsu.edu/undergraduate/education/stem/technology-engineering-design-education-bs-licensure-concentration/)
• Textile Engineering (BS): Chemical Processing Concentration (http://catalog.ncsu.edu/undergraduate/textiles/textile-engineering-chemistry-science/textile-engineering-bs-chemical-processing-concentration/)
• Textile Engineering (BS): Information Systems Concentration (http://catalog.ncsu.edu/undergraduate/textiles/textile-engineering-chemistry-science/textile-engineering-bs-information-systems-concentration/)
• Textile Engineering (BS): Product Engineering Concentration (http://catalog.ncsu.edu/undergraduate/textiles/textile-engineering-chemistry-science/textile-engineering-bs-product-engineering-concentration/)
• Textile Technology (BS) (http://catalog.ncsu.edu/undergraduate/textiles/textile-engineering-chemistry-science/textile-technology-bs/)
• Textile Technology (BS): Medical Textiles Concentration (http://catalog.ncsu.edu/undergraduate/textiles/textile-engineering-chemistry-science/textile-technology-bs-medical-textiles-concentration/)
• Textile Technology (BS): Supply Chain Operations Concentration (http://catalog.ncsu.edu/undergraduate/textiles/textile-engineering-chemistry-science/textile-technology-bs-supply-chain-operations-concentration/)
• Textile Technology (BS): Technical Textiles Concentration (http://catalog.ncsu.edu/undergraduate/textiles/textile-engineering-chemistry-science/textile-technology-bs-technical-textiles-concentration/)
• Turfgrass Management (AAS) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-institute/turfgrass-management-aas/)

Z
• Zoology (BS) (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/zoology-bs/)

Minors
A Minor is an optional academic program that a student may pursue while a currently enrolled undergraduate student.

A
• Accounting (Minor) (http://catalog.ncsu.edu/undergraduate/management/accounting/accounting-minor/)
• Africana Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/africana-studies-program/africana-studies-minor/)
• Agricultural Business Management (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-resource-economics/agricultural-business-management-minor/)
• Agricultural Entrepreneurship (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-resource-economics/agricultural-entrepreneurship-minor/)
• Agroecology (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/agroecology-minor/)
• American Literature (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/american-literature-minor/)
• Animal Science (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/animal-science/animal-science-minor/)
• Anthropology (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/sociology-anthropology/anthropology-minor/)
• Applied Ecology (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/applied-ecology/applied-ecology-minor/)
• Art and Design (Minor) (http://catalog.ncsu.edu/undergraduate/design/art-design/art-design-minor/)
• Arts Entrepreneurship (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/music/arts-entrepreneurship-minor/)
• Arts Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/arts-studies-program/arts-studies-minor/)

B
• Biological and Agricultural Engineering Technology (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/biological-agricultural-engineering/agricultural-entrepreneurship-minor/)
• Biological Sciences (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/biological-sciences-minor/)
• Biomanufacturing (Minor) (http://catalog.ncsu.edu/undergraduate/engineering/chemical-biomolecular/biomanufacturing-minor/)
• Biotechnology (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/plant-microbial-biology/biotechnology-minor/)
• Brewing Science and Technology (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/food-bioprocessing-nutrition-science/brewing-science-technology-minor/)
• Business Administration (Minor) (http://catalog.ncsu.edu/undergraduate/management/business/business-administration-minor/)
• Business Entrepreneurship (Minor) (http://catalog.ncsu.edu/undergraduate/management/business/business-entrepreneurship-minor/)
• Business Entrepreneurship (Minor) (http://catalog.ncsu.edu/undergraduate/management/mie/business-entrepreneurship-minor/)
• Chemical Engineering (Minor) (http://catalog.ncsu.edu/undergraduate/engineering/chemical-biomolecular/chemical-engineering-minor/)
• Chinese Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/chinese-studies-minor/)
• Classical Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/classical-studies-minor/)
• Coaching Education (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/health-exercise-studies/coaching-education-minor/)
• Cognitive Science (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/philosophy-religious-studies/cognitive-science-minor/)
• Computer Programming (Minor) (http://catalog.ncsu.edu/undergraduate/engineering/computer-science/computer-programming-minor/)
• Creative Writing (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/creative-writing-minor/)
• Criminology (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/sociology-anthropology/criminology-minor/)
• Crop Science (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/crop-science-minor/)
• Dance Performance and Choreography (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/music/dance-minor/)
• Dance Studies (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/music/dance-studies-minor/)
• Economics (Minor) (http://catalog.ncsu.edu/undergraduate/management/economics/economics-minor/)
• Engineering Education (Minor) (http://catalog.ncsu.edu/undergraduate/engineering/engineering-education-minor/)
• English (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/english-minor/)
• Entomology (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/entomology-plant-pathology/entomology-minor/)
• Environmental Education (Minor) (http://catalog.ncsu.edu/undergraduate/natural-resources/parks-recreation-tourism-management/environmental-education-minor/)
• Environmental Sciences (Minor) (http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/environmental-sciences-minor/)
• Environmental Technology and Management (Minor) (http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/environmental-technology-management-minor/)
• Ethics (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/philosophy-religious-studies/ethics-minor/)
• Evolutionary Biology (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/evolutionary-biology-minor/)
• Extension Education (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/extension-education-minor/)
• Feed Milling (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/poultry-science/feed-milling-minor/)
• Film Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/film-studies-minor/)
• Food Science (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/food-bioprocessing-nutrition-science/food-science-minor/)
• Forensic Science (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/forensic-science-minor/)
• Forest Management (Minor) (http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/forest-management-minor/)
• French (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/french-minor/)
• Genetics (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/genetics-minor/)
• Geology (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/geology-minor/)
• German (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/german-minor/)
• Global Health (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/global-health-minor/)
• Global Leadership and Team Decision-Making (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/global-leadership-team-decision-making-minor/)
• Graphic Communications (Minor) (http://catalog.ncsu.edu/undergraduate/education/stem/graphic-communications-minor/)
• Health (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/health-exercise-studies/health-minor/)
• Health Physics (Minor) (http://catalog.ncsu.edu/undergraduate/engineering/nuclear/health-physics-minor/)
• Health, Medicine and Human Values (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/health-medicine-human-values-minor/)
• Hindi-Urdu (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/hindi-urdu-minor/)
• History (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/history/history-minor/)
• Horticultural Science (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/horticultural-science/horticultural-science-minor/)
• Industrial Engineering (Minor) (http://catalog.ncsu.edu/undergraduate/engineering/industrial-systems/industrial-engineering-minor/)
• International Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/international-studies-program/international-studies-minor/)
• Italian Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/italian-studies-minor/)

• Japan Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/japan-studies-minor/)
• Japanese (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/japanese-minor/)
• Jewish Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/jewish-studies-minor/)
• Journalism (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/journalism-minor/)

• Landscape Architecture (Minor) (http://catalog.ncsu.edu/undergraduate/design/landscape-architecture/landscape-architecture-minor/)
• Law and Justice (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/political-science/law-justice-minor/)
• Leadership in Agriculture and Life Sciences (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/leadership-agriculture-life-sciences-minor/)
• Leadership: Cross Disciplinary Perspectives (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/leadership-cross-disciplinary-perspectives-minor/)
• Linguistics (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/linguistics-minor/)
• Logic and Methodology (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/philosophy-religious-studies/logic-methodology-minor/)

• Marine Science (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/marine-science-minor/)
• Materials Science and Engineering (Minor) (http://catalog.ncsu.edu/undergraduate/engineering/materials-science-engineering/materials-science-engineering-minor/)
• Mathematics (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/mathematics/mathematics-minor/)
• Meteorology (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/marine-earth-atmospheric-sciences/meteorology-minor/)
• Microbiology (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/microbiology-minor/)
• Middle East Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/middle-east-studies-minor/)

• Military Studies: Aerospace Studies (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/army-rotc/military-studies-aerospace-minor/)
• Military Studies: Military Science (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/military-studies-science-minor/)
• Military Studies: Naval Science (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/navy-rotc/military-studies-naval-science-minor/)
• Music Performance (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/music/music-minor-performance/)
• Music Studies (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/music/music-minor/)

• Nano-Science and Technology (Minor) (http://catalog.ncsu.edu/undergraduate/engineering/nano-science-technology-minor/)
• Native American Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/native-american-studies-minor/)
• Nonprofit Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/nonprofit-studies-minor/)
• Nonwovens (Minor) (http://catalog.ncsu.edu/undergraduate/textiles/nonwovens-minor/)
• Nuclear Engineering (Minor) (http://catalog.ncsu.edu/undergraduate/engineering/nuclear/nuclear-engineering-minor/)
• Nutrition (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/food-bioprocessing-nutrition-science/nutrition-minor/)

• Outdoor Leadership (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/health-exercise-studies/outdoor-leadership-minor/)

• Paleontology (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/paleontology-minor/)
• Parks, Recreation, and Tourism Management (Minor) (http://catalog.ncsu.edu/undergraduate/natural-resources/parks-recreation-tourism-management/parks-recreation-tourism-management-minor/)
• Philosophy (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/philosophy-religious-studies/philosophy-minor/)
• Physics (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/physics/physics-minor/)
• Plant Biology (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/plant-microbial-biology/plant-biology-minor/)
• Political Science (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/political-science/political-science-minor/)
• Polymer and Color Chemistry (Minor) (http://catalog.ncsu.edu/undergraduate/textiles/textile-engineering-chemistry-science/polymer-color-chemistry-minor/)
• Polymer Science (Minor) (http://catalog.ncsu.edu/undergraduate/textiles/textile-engineering-chemistry-science/polymer-science-minor/)
• Portuguese Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/portuguese-studies-minor/)
• Poultry Science (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/poultry-science/poultry-science-minor/)
• Psychology (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/psychology/psychology-minor/)
• Pulp and Paper Technology (Minor) (http://catalog.ncsu.edu/undergraduate/natural-resources/forest-biomaterials/pulp-paper-technology-minor/)

R
• Religious Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/philosophy-religious-studies/religious-studies-minor/)
• Renewable Energy Assessment (Minor) (http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/renewable-energy-assessment-minor/)
• Rhetoric, Writing, and Professional Communication (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/rhetoric-writing-professional-communication-minor/)
• Russian Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/russian-studies-minor/)

S
• Science Communication (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/science-communication/science-communication-minor/)
• Social Work (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/social-work/social-work-minor/)
• Sociology (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/sociology-anthropology/sociology-minor/)
• Soil Science (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/soil-science-minor/)
• Spanish (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/spanish-minor/)
• Sports Science (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/health-exercise-studies/sports-science-minor/)
• Statistics (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/statistics/statistics-minor/)
• Supply Chain Engineering (Minor) (http://catalog.ncsu.edu/undergraduate/engineering/industrial-systems/supply-chain-engineering-minor/)
• Sustainable Materials and Technology (Minor) (http://catalog.ncsu.edu/undergraduate/natural-resources/forest-biomaterials/sustainable-materials-technology-minor/)

T
• Teaching English as a Foreign Language (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/teaching-english-foreign-language-minor/)
• Teamwork in Interdisciplinary Biomedical Research (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/Teamwork-in-interdisciplinary-biomedical-research-minor/)
• Technology, Engineering and Design Education (Minor) (http://catalog.ncsu.edu/undergraduate/education/technology-engineering-design-education/)
• Textile Technology (Minor) (http://catalog.ncsu.edu/undergraduate/textiles/textile-engineering-chemistry-science/textile-technology-minor/)
• Theatre (Minor) (http://catalog.ncsu.edu/undergraduate/university-college/theatre-minor/)
• Tissue Engineering (Minor) (http://catalog.ncsu.edu/undergraduate/engineering/biomedical/tissue-engineering-minor/)
• Turfgrass (Minor) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/turfgrass-minor/)

W
• Wetland Assessment (Minor) (http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/wetland-assessment-minor/)
• Wildlife Sciences (Minor) (http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/wildlife-sciences-minor/)
• Women’s, Gender and Sexuality Studies (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/interdisciplinary/womens-gender-studies-program/womens-gender-studies-minor/)
• World Cultural Literacy (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/world-cultural-literacy-minor/)
• World Cultural Literacy (Minor) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/world-literature-minor/)

Z
• Zoology (Minor) (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/zoology-minor/)

Certificates
• Agribusiness Management (Certificate) (Distance Education) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-institute/agribusiness-management-certificate-distance-education/)
• Agricultural Business Management (Certificate) (For Post-Baccalaureate Students, Distance Education) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-resource-economics/agricultural-business-management-certificate-post-baccalaureate-students-distance-education/)
• Agricultural Business Management (Certificate) (Non Post-Baccalaureate Students, Distance Education) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-resource-economics/agricultural-business-management-certificate-distance-education/)
• Agricultural Leadership (Certificate) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/agricultural-human-sciences/agricultural-leadership-certificate/)
• Animal Nutrition (Certificate) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/animal-science/animal-nutrition-certificate/)
• Arabic (Certificate) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/arabic-certificate/)

B
• Biomanufacturing (Certificate) (http://catalog.ncsu.edu/undergraduate/engineering/chemical-biomolecular/biomanufacturing-certificate/)
• Biomanufacturing (Certificate) (For Post-Baccalaureate Students) (http://catalog.ncsu.edu/undergraduate/engineering/chemical-biomolecular/biomanufacturing-certificate-post-baccalaureate/)

C
• Computer Programming (Certificate) (For Post-Baccalaureate Students, Distance Education) (http://catalog.ncsu.edu/undergraduate/engineering/computer-science/computer-programming-certificate-distance-education/)
• Crop Science Certificate (Distance Education) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/crop-science-certificate-distance-education/)

D
• Data Science in Business (Certificate) (http://catalog.ncsu.edu/undergraduate/interdisciplinary/undergrad-cert-data-science-business/)

E
• Essentials of Business (Certificate) (http://catalog.ncsu.edu/undergraduate/management/essentials-business-certificate/)

F
• Feed Milling (Certificate) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/poultry-science/feed-milling-certificate/)
• Field Botany (Certificate) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/plant-microbial-biology/field-botany-certificate/)
• French (Certificate) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/french-certificate/)
• Fundamentals of Entomology (Certificate) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/entomology-plant-pathology/fundamentals-entomology-certificate/)

G
• German (Certificate) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/foreign-languages-literatures/german-certificate/)
• Global Perspectives (Certificate) (http://catalog.ncsu.edu/undergraduate/university-college/global-perspectives-certificate/)

H
• Horticulture (Undergraduate Certificate) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/horticultural-science/horticulture-undergraduate-certificate/)

I
• Interdisciplinary Entrepreneurship (Certificate) (http://catalog.ncsu.edu/undergraduate/university-college/interdisciplinary-entrepreneurship-certificate/)

J
• Leadership in the Public Sector (Certificate) (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/political-science/leadership-public-sector-certificate/)

K
• Microbiology (Certificate) (http://catalog.ncsu.edu/undergraduate/sciences/biological-sciences/microbiology-certificate/)

L

M
• Regulatory Science in Agriculture (Certificate) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/ag-regulatory-science-certificate/)
• Renewable Energy Assessment (Certificate) (http://catalog.ncsu.edu/undergraduate/natural-resources/forestry-environmental-resources/renewable-energy-assessment-certificate/)

N
• Soil Science (Certificate) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/crop-soil-sciences/soil-science-certificate/)
• Swine Science (Certificate) (http://catalog.ncsu.edu/undergraduate/agriculture-life-sciences/animal-science/swine-science-certificate/)

U
• U.S. Culture and Cooperative Education (Certificate) (GTC) (http://catalog.ncsu.edu/undergraduate/education/us-culture-cooperative-education-certificate/)
• U.S. Culture and Education (Certificate) (GTE) (http://catalog.ncsu.edu/undergraduate/education/us-culture-education-certificate/)
• Undergraduate Certificate in Professional Writing (http://catalog.ncsu.edu/undergraduate/humanities-social-sciences/english/professional-writing-certificate/)