College of Agriculture and Life Sciences

Programs

- Agricultural and Extension Education (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/agricultural-extension-education/mr/)
- Animal Science (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/animal-science/mr/)
- Animal Science and Poultry Science (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/animal-poultry-science/mr/)
- Biochemistry (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/biochemistry/mr/)
- Biological and Agricultural Engineering (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/biological-agricultural-engineering/mr/)
- Biology (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/biology/mr/)
- Biomathematics (https://catalog.ncsu.edu/graduate/sciences/biomathematics/mr/)
- Crop Science (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/crop-science/mr/)
- Economics (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/economics/mr/)
- Entomology (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/mr/)
- Food Science (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/food-science/mr/)
- Horticultural Science (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/horticultural-science/mr/)
- Microbial Biotechnology (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/microbial-biotechnology/mr/)
- Microbiology (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/microbiology/mr/)
- Nutrition (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/nutrition/mr/)
- Physiology (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/physiology/mr/)
- Plant Biology (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-biology/mr/)
- Plant Pathology (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-pathology/mr/)
- Poultry Science (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/poultry-science/mr/)
- Soil Science (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/soil-science/mr/)
- Youth, Family, & Community Sciences (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/youth-family-community-sciences/mr/)

Degree Programs

Master's (MR)

- Agricultural and Extension Education (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/agricultural-extension-education/mr/)
- Animal Science (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/animal-science/animal-science-mr/)
- Biochemistry (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/biochemistry/biochemistry-mr/)
- Biological and Agricultural Engineering (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/biological-agricultural-engineering/biological-agricultural-engineering-mr/)
- Biology (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/biology/biology-mr/)
- Biomathematics (MR) (https://catalog.ncsu.edu/graduate/sciences/biomathematics/biomathematics-mr/)
- Crop Science (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/crop-science/crop-science-mr/)
- Economics (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/economics/economics-mr/)
- Entomology (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/entomology-mr/)
- Food Science (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/food-science/food-science-mr/)
- Horticultural Science (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/horticultural-science/horticultural-science-mr/)
- Microbial Biotechnology (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/microbial-biotechnology/microbial-biotechnology-mr/)
- Microbiology (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/microbiology/microbiology-mr/)
- Nutrition (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/nutrition/nutrition-mr/)
- Physiology (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/physiology/physiology-mr/)
- Plant Biology (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-biology/plant-biology-mr/)
- Plant Pathology (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-pathology/plant-pathology-mr/)
- Poultry Science (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/poultry-science/poultry-science-mr/)
- Soil Science (MR) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/soil-science/soil-science-mr/)

Master of Science (MS)

- Agricultural and Extension Education (MS) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/agricultural-extension-education/agricultural-extension-education-ms/)
- Animal Science (MS) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/animal-science/animal-science-ms/)
- Biochemistry (MS) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/biochemistry/biochemistry-ms/)
- Biological and Agricultural Engineering (MS) (https://catalog.ncsu.edu/graduate/agriculture-life-sciences/biological-agricultural-engineering/biological-agricultural-engineering-ms/)
- Biological and Agricultural Engineering: Systems Analysis Concentration (http://catalog.ncsu.edu/graduate/agriculture-life-
Doctor of Education (EdD)

- Agricultural and Extension Education (EdD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/agricultural-extension-education-agricultural-extension-education-minor/)

Doctor of Philosophy (PhD)

- Biochemistry (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/biochemistry/biochemistry-phd/)  
- Biological and Agricultural Engineering (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/biological-agricultural-engineering/biological-agricultural-engineering-phd/)  

Minors

- Agricultural & Extension Education (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/agricultural-extension-education-agricultural-extension-education-minor/)  
- Animal Science (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/animal-science/animal-science-minor/)  
- Biochemistry (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/biochemistry/biochemistry-minor/)  
- Biomathematics (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/biomathematics/biomathematics-minor/)  
- Crop Science (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/crop-science/crop-science-minor/)  
- Economics (Minor) (http://catalog.ncsu.edu/graduate/economics/economics-minor/)  
- Entomology (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/entomology-minor/)  
- Food Science (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/food-science/food-science-minor/)  
- Horticultural Science (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/horticultural-science/horticultural-science-minor/)  
- Plant Pathology (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-pathology/plant-pathology-minor/)  
- Soil Science (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/soil-science/soil-science-minor/)  

Biology (MS) (http://catalog.ncsu.edu/graduate/biology/biology-ms/)  
Biomathematics (MS) (http://catalog.ncsu.edu/graduate/biology/biomathematics/biomathematics-ms/)  
Crop Science (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/crop-science/crop-science-ms/)  
Economics (MS) (http://catalog.ncsu.edu/graduate/economics/economics-ms/)  
Entomology (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/entomology-ms/)  
Food Science (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/food-science/food-science-ms/)  
Horticultural Science (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/horticultural-science/horticultural-science-ms/)  
Microbiology (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/microbiology/microbiology-ms/)  
Nutrition (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/nutrition/nutrition-ms/)  
Physiology (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/physiology/physiology-ms/)  
Plant Biology (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-biology/plant-biology-ms/)  
Plant Pathology (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-pathology/plant-pathology-ms/)  
Poultry Science (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/poultry-science/poultry-science-ms/)  
Soil Science (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/soil-science/soil-science-ms/)  
Youth, Family, and Community Sciences (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/youth-family-community-sciences/youth-family-community-sciences-ms/)  

Biomathematics (PhD) (http://catalog.ncsu.edu/graduate/sciences/biomathematics/biomathematics-phd/)  
Crop Science (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/crop-science/crop-science-phd/)  
Economics (PhD) (http://catalog.ncsu.edu/graduate/economics/economics-phd/)  
Entomology (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/entomology-phd/)  
Entomology (PhD): Behavioral Biology Concentration (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/entomology-phd-behavioral-biology-concentration/)  
Food Science (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/food-science/food-science-phd/)  
Horticultural Science (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/horticultural-science/horticultural-science-phd/)  
Microbiology (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/microbiology/microbiology-phd/)  
Nutrition (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/nutrition/nutrition-phd/)  
Plant Biology (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-biology/plant-biology-phd/)  
Plant Pathology (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-pathology/plant-pathology-phd/)  
Soil Science (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/soil-science/soil-science-phd/)  

Biomathematics (Minor) (http://catalog.ncsu.edu/graduate/sciences/biomathematics/biomathematics-minor/)  
Crop Science (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/crop-science/crop-science-minor/)  
Economics (Minor) (http://catalog.ncsu.edu/graduate/economics/economics-minor/)  
Entomology (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/entomology-minor/)  
Food Science (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/food-science/food-science-minor/)  
Genetic Engineering & Society (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/genetic-engineering-society-minor/)  
Horticultural Science (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/horticultural-science/horticultural-science-minor/)  
Microbiology (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/microbiology/microbiology-minor/)  
Nutrition (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/nutrition/nutrition-minor/)  

Biology (PhD) (http://catalog.ncsu.edu/graduate/sciences/biology/biology-phd/)  
Biomathematics (PhD) (http://catalog.ncsu.edu/graduate/sciences/biomathematics/biomathematics-phd/)  
Crop Science (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/crop-science/crop-science-phd/)  
Economics (PhD) (http://catalog.ncsu.edu/graduate/economics/economics-phd/)  
Entomology (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/entomology-phd/)  
Entomology (PhD): Behavioral Biology Concentration (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/entomology-phd-behavioral-biology-concentration/)  
Food Science (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/food-science/food-science-phd/)  
Horticultural Science (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/horticultural-science/horticultural-science-phd/)  
Microbiology (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/microbiology/microbiology-phd/)  
Nutrition (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/nutrition/nutrition-phd/)  
Plant Biology (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-biology/plant-biology-phd/)  
Plant Pathology (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-pathology/plant-pathology-phd/)  
Soil Science (PhD) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/soil-science/soil-science-phd/)  

Food Science (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/food-science/food-science-ms/)  
Entomology (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/entomology/entomology-ms/)  
Food Science (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/food-science/food-science-ms/)  
Horticultural Science (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/horticultural-science/horticultural-science-ms/)  
Microbiology (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/microbiology/microbiology-ms/)  
Nutrition (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/nutrition/nutrition-ms/)  
Physiology (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/physiology/physiology-ms/)  
Plant Biology (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-biology/plant-biology-ms/)  
Plant Pathology (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-pathology/plant-pathology-ms/)  
Poultry Science (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/poultry-science/poultry-science-ms/)  
Soil Science (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/soil-science/soil-science-ms/)  
Youth, Family, and Community Sciences (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/youth-family-community-sciences/youth-family-community-sciences-ms/)  

Biological and Agricultural Engineering (MS) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/biological-agricultural-engineering/biological-agricultural-engineering-ms-systems-analysis/)  

College of Agriculture and Life Sciences
Physiology (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/physiology/physiology-minor/)

Plant Biology (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-biology/plant-biology-minor/)

Plant Pathology (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/plant-pathology/plant-pathology-minor/)

Poultry Science (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/poultry-science/poultry-science-minor/)

Soil Science (Minor) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/soil-science/soil-science-minor/)

Certificates

Agricultural and Extension Education (Certificate) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/agricultural-extension-education/agricultural-extension-education-certificate/)

Agriculture Data Science (Certificate) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/graduate-certificate/agriculture-data-science-certificate/)

Family Life Education and Coaching (Certificate) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/youth-family-community-sciences/family-life-education-coaching-certificate/)

Feed Science (Certificate) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/poultry-science/feed-science-certificate/)

Horticultural Science (Certificate) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/horticultural-science/horticultural-science-certificate/)

Leadership and Volunteer Management (Certificate) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/youth-family-community-sciences/leadership-volunteer-management-certificate/)

Leadership in Agriculture Human Sciences (Certificate) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/graduate-certificate/leadership-agriculture-human-sciences-certificate/)

Molecular Biotechnology (Certificate) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/graduate-certificate/molecular-biotechnology-certificate/)

Regulatory Science in Agriculture (Certificate) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/graduate-certificate/regulatory-science-in-agriculture-cert/)

Watershed Assessment and Restoration (Certificate) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/graduate-certificate/watershed-assessment-restoration-certificate/)

Youth Development and Leadership (Certificate) (http://catalog.ncsu.edu/graduate/agriculture-life-sciences/youth-family-community-sciences/youth-development-leadership-certificate/)