

# College of Agriculture and Life Sciences

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## Programs

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

## Degree Programs

### Master's (MR)

- Agricultural and Extension Education (MR) (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/agricultural-extension-education/agricultural-extension-education-mr/>)

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

### Master of Science (MS)

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

sciences/biological-agricultural-engineering/biological-agricultural-engineering-ms-systems-analysis/)

- Biology (MS) (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/biology/biology-ms/>)
- Biomathematics (MS) (<http://catalog.ncsu.edu/graduate/sciences/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/management/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/>)

## Doctor of Education (EdD)

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

## Doctor of Philosophy (PhD)

- Animal Science & Poultry Science (PhD): Animal Science Concentration (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/animal-poultry-science/animal-poultry-science-phd-animal-sci/>)
- Animal Science & Poultry Science (PhD): Poultry Science Concentration (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/animal-poultry-science/animal-poultry-science-phd-poultry-sci/>)
- 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/>)
- Biological and Agricultural Engineering (PhD): Systems Analysis Concentration (<http://catalog.ncsu.edu/graduate/agriculture-life-sciences/biological-agricultural-engineering/biological-agricultural-engineering-phd-systems-analysis/>)

sciences/biological-agricultural-engineering/biological-agricultural-engineering-phd-systems-analysis/)

- 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/management/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/>)

## 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/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/management/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/>)

- 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/>)