

# College of Agriculture

*Sreekala Bajwa, Vice President of Agriculture, Dean and Director*  
*Jennifer Thomson, Associate Dean of Academic Programs*

Grounded in tradition and based on leading research, the programs housed in the College of Agriculture are designed to inspire the next generation of leaders. Students are exposed to a variety of disciplines, practices, hands-on experiences, research opportunities, and engaging faculty and supportive advisors throughout their educational journey. MSU's College of Agriculture offers a unique blend of opportunities and experiences for students passionate about agriculture and making a difference in the world.

The following list outlines all programs available to undergraduate students in the College. Although not required, many students declare a major in one subject area and minor in another to diversify their experience. Many of the programs listed below are interdisciplinary in nature, and, as such, courses and programs are shared among other colleges and departments at MSU. Visit our website [agriculture.montana.edu](http://agriculture.montana.edu) (<http://agriculture.montana.edu/>) or contact us at [agadvising@montana.edu](mailto:agadvising@montana.edu) to learn more about our programs and career opportunities.

## Available Undergraduate Programs:

- B.S. in Agricultural Business (<http://catalog.montana.edu/undergraduate/agriculture/agricultural-business/>)
- B.S. in Agricultural Education (<http://catalog.montana.edu/undergraduate/agriculture/agricultural-education/>)
- B.S. in Animal Science (<http://catalog.montana.edu/undergraduate/agriculture/animal-science/>)
- B.S. in Biotechnology (<https://catalog.montana.edu/undergraduate/agriculture/biotechnology/>)
- B.S. in Cell Biology and Neuroscience (<http://catalog.montana.edu/undergraduate/agriculture/cell-biology-neuroscience/>)
- B.S. in Economics (<http://catalog.montana.edu/undergraduate/letters-science/economics/>)
- B.S. in Environmental Economics and Policy (<http://catalog.montana.edu/undergraduate/agriculture/environmental-economics-policy/>)
- B.S. in Environmental Horticulture (<http://catalog.montana.edu/undergraduate/agriculture/environmental-horticulture/>)
- B.S. in Environmental Sciences (<http://catalog.montana.edu/undergraduate/agriculture/environmental-sciences/>)
- B.S. in Financial Engineering (<http://catalog.montana.edu/undergraduate/engineering/mechanical-industrial-engineering/financial-engineering/>)
- B.S. in Landscape Architecture (<http://catalog.montana.edu/undergraduate/agriculture/environmental-horticulture/>)
- B.S. in Microbiology (<http://catalog.montana.edu/undergraduate/agriculture/microbiology/>)
- B.S. in Natural Resources and Rangeland Ecology (<http://catalog.montana.edu/undergraduate/agriculture/natural-resources-rangeland-ecology/>)
- B.S. in Plant Science (<http://catalog.montana.edu/undergraduate/agriculture/plant-science/>)
- B.S. in Ranching Systems (<http://catalog.montana.edu/undergraduate/agriculture/ranching-systems/>)
- B.S. in Sustainable Food & Bioenergy Systems (<http://catalog.montana.edu/undergraduate/agriculture/sustainable-food-bioenergy-systems/>)

- B.S. in Applied Technology Management - Broadfield Option (<http://catalog.montana.edu/undergraduate/agriculture/technology-education/>)
- B.S. in Applied Technology Management (<http://catalog.montana.edu/undergraduate/agriculture/industrial-technology-education/>)

## Non-degree Programs:

- Pre-Veterinary Medicine Curriculum (<http://catalog.montana.edu/undergraduate/agriculture/pre-veterinary-program/>)
- Pre-Veterinary Medicine Certificate (<http://catalog.montana.edu/undergraduate/agriculture/microbiology/preveterinary-certificate/>)

## Available Academic Minors:

Agricultural Business Minor (<http://catalog.montana.edu/undergraduate/agriculture/agricultural-business/minor-agricultural-business-nonteaching/>)  
 The Agricultural Business minor is designed explicitly for management training emphasizing finance, accounting, and managerial economics in agriculture-related businesses and industries.

Animal Science Minor (<http://catalog.montana.edu/undergraduate/agriculture/animal-science/animal-science-minor-nonteaching/>)  
 The minor in animal science is designed to give students a broad overview of the livestock industry.

Entomology Minor (<http://catalog.montana.edu/undergraduate/agriculture/entomology-minor/>)  
 The Entomology minor provides focused training in entomology for students majoring in agricultural and natural resource disciplines.

Environmental Horticulture Minor (<http://catalog.montana.edu/undergraduate/agriculture/environmental-horticulture/environmental-horticulture-minor-nonteaching/>)  
 The Environmental Horticulture Minor provides an overview of the science and art of growing and maintaining plants for food, enjoyment, and improvement of the human environment.

Genetics (<http://catalog.montana.edu/undergraduate/agriculture/genetics-minor/>)  
 The Genetics Minor is housed in four academic departments on campus (Animal and Range Science, Ecology, Microbiology and Immunology, Plant Sciences, and Plant Pathology) and is available to students majoring in these departments.

Global Health Minor (<http://catalog.montana.edu/undergraduate/letters-science/liberal-studies/global-health/>)

The Global Health minor will allow you to develop an interdisciplinary understanding of health issues and health care in a global context.

Natural Resources and Rangeland Ecology Minor (<http://catalog.montana.edu/undergraduate/agriculture/natural-resources-rangeland-ecology/natural-resources-rangeland-ecology-minor-nonteaching/>)

A Natural Resources and Rangeland Ecology minor provides students with the basics of managing rangeland ecosystems for wildlife habitat, livestock production, and soil and water conservation.

Microbiology Non-Teaching Minor (<http://catalog.montana.edu/undergraduate/agriculture/microbiology/microbiology-minor-nonteaching/>)

A Microbiology minor provides interested students an understanding of the microbial basis of health and disease, and environmental microbiology.

Soil Science Minor (<http://catalog.montana.edu/undergraduate/agriculture/environmental-sciences/soil-science-minor-nonteaching/>)

The Soil Science minor is designed to provide non-majors with fundamental soils courses in preparation for natural resource careers.

Technology Education Minor (<http://catalog.montana.edu/undergraduate/agriculture/agricultural-education/>)

Designed to develop and enhance students' technological literacy, the Technology Education minor is available to allow for diversity in personal interests and career aspirations.

Water Resources Minor (<http://catalog.montana.edu/undergraduate/letters-science/earth-sciences/water-resources-minor-nonteaching/>)

The Water Resources Minor is designed to encourage a student from any discipline to explore water resources beyond coursework in their major.

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