

Agricultural and Technology Education

Agricultural Education majors may choose from two options: 1) Teaching Option or 2) Communications, Leadership, and Extension Option. Agricultural Education graduates are employed by high schools, area vocational schools, community colleges, the public agriculture sector, Extension Service, Natural Resource Conservation Service, and other federal, state, and government agencies.

The Agricultural Education curricula are designed to provide professional preparation for extension agents, middle school and secondary agricultural education teachers and service providers in agricultural areas where content knowledge, pedagogical and andragogical skills, and experience in public communication are desirable attributes. Our graduates are prepared for a wide variety of jobs because they have a broad base of scientific knowledge combined with excellent people skills.

Students enrolled in Agricultural Education options gain leadership experience through active participation in Collegiate 4-H, Collegiate FFA, MSU Agricultural Education Club and other College of Agriculture student clubs and organizations.

Teaching Option

The Teaching Option permits a student to choose a balanced program among agricultural economics, agricultural mechanics, animal & range sciences, land resources/precision agriculture and plant & soil sciences, while also gaining teaching and presentation skills. Students preparing to teach spend 14 weeks in an approved high school agriculture department as teaching candidates during the last semester of study. Graduates are eligible to receive a Montana Class Two (standard) teaching license which permits them to teach in middle and high schools. This licensure is recognized in most other states throughout the U.S.

Students may pursue a teaching minor in a variety of disciplines that provides them with additional employment opportunities.

Admission to the Teacher Education Program

Students must apply to the Teacher Education Program during the semester prior to taking their upper-division methods and practicum coursework. Admission to the Teacher Education Program requires completion of the "Application for Admission." These forms are available at www.montana.edu/ehhd/educ/advising/index.shtml (<http://www.montana.edu/ehhd/educ/advising/index.shtml/>) and must be turned into the Education Advising Center, Reid Hall 132.

The requirements for admission to the Teacher Education Program are:

1. a cumulative grade-point average of at least 2.75
2. a 2.75 grade-point average in the teaching major, minor and option, with no grade below a "C" in any of these areas
3. a current background check completed as outlined by Sec. 20-4-110 of the MCA

Application and Approval for Student Teaching

Certain requirements must be met by all students desiring to student teach:

1. maintenance of the same standards required for admission into the program including satisfactory clearance on a federal criminal background check

2. completion of all required courses (meeting academic requirements as listed above) prior to student teaching
3. a 2.75 grade-point average in the content coursework for any teaching major or teaching minor
4. certification in first aid with CPR

Student teaching is limited to seniors or post-baccalaureate students. A completed application must be submitted to the Office of Field Placement and Licensure before any placement is made.

Agricultural Education Communications, Leadership, and Extension Option

The Agricultural Education Communications Option emphasizes academic coursework to prepare students to communicate about emerging agricultural issues to diverse audiences. Students will develop professional verbal, written and technological skills to advocate for the agricultural industry. Courses in this track include advanced writing, communications, interpersonal skills, marketing and media development. All students will also enhance their degree by pursuing a Leadership Fellows certificate integrated into their program of study. Careers may include agribusiness and communication positions related to public relations, rural broadcasting and news, magazine editors and writers, communications specialists and sales representatives. The Communications Option includes a non-teaching writing minor. An approved internship with an agricultural agency is required.

The Agricultural Education Extension Option emphasizes academic coursework to prepare students for non-formal teaching careers in the Cooperative Extension Service and other settings. This track provides broad-based coursework that includes animal science, plant science, agricultural economics, non-formal teaching methods, adult and youth education, communications, and leadership development. All students will also enhance their degree by pursuing a Leadership Fellows certificate integrated into their program of study. Careers may include positions in extension education, community and nonprofit education, government and nongovernmental agencies, and other non-formal educational organizations.

An approved internship in a local Extension office or with an agricultural organization is required.

The Agricultural Education Leadership Option emphasizes academic coursework to develop knowledge and skills necessary to work with people in leadership and management positions. Students will develop fundamental abilities in interpersonal communication, teamwork, leadership, motivation, and management in the broad area of agriculture. All students will also enhance their degree by pursuing a Leadership Fellows certificate integrated into their program of study. An array of careers in private and public sectors may include sales, management, organizational training, community development, non-formal education and consulting in agricultural and natural resource industries. An approved internship with an agricultural agency is required.

Undergraduate Programs

- Agricultural Education Teaching Option (<http://catalog.montana.edu/undergraduate/agriculture/agricultural-education/agricultural-education-teaching-option/>)
- Agricultural Education Communications, Extension and Leadership (<http://catalog.montana.edu/undergraduate/agriculture/agricultural-education/agricultural-education-relations-option/>) Option (<http://catalog.montana.edu/undergraduate/agriculture/agricultural-education/agricultural-education-relations-option/>)

- Technology Education Broadfield Teaching (<http://catalog.montana.edu/undergraduate/agriculture/technology-education/>)
- Industrial Technology (<http://catalog.montana.edu/undergraduate/agriculture/industrial-technology-education/>) (Does not lead to teaching licensure)
- Technology Education Minor (<http://catalog.montana.edu/undergraduate/education-health-human-development/department-education/teaching-minors/technology-education-minor/>)

Graduate Programs

- M.S. in Agricultural Education (<http://catalog.montana.edu/graduate/agriculture/agricultural-education/ms-agricultural-education/>)