

**College of Agricultural and Life Sciences
Proposed Catalog Changes
Effective Summer 2019**

AGRICULTURAL AND EXTENSION EDUCATION

1. Make the following curricular changes to the Major in Agricultural Education (B.S.Ag.Ed.):

This major is approved by the State Board of Professional-Technical Education for the preparation of high school agriculture instructors. Graduates who have completed at least 28 credits in agricultural education, and who meet the state certification requirements for a Standard Secondary Teaching Certificate, are eligible to teach secondary agricultural science and technology in Idaho. Students must be admitted to the Teacher Education Program, which requires a grade-point average of at least 2.75, before being allowed to enroll in upper-division teacher education courses and participate in student teaching. The Idaho teaching certificate transfers to most states in the US. In addition, government and business agencies and the Cooperative Extension System that seek persons with education in both agriculture and education provide employment opportunities for graduates of this curriculum.

Required course work includes the university requirements (see regulation J-3) and the following:

AGED 180	Introduction to Agricultural Education	1
AGED 258	Experiential Learning and SAE Programs	1
AGED 351	Career and Technical Education	3
AGED 358	Supervising FFA and SAE Programs	3
AGED 451	Communicating in Agriculture	3
AGED 452	Methods of Teaching Agriculture	4
AGED 453	Program Planning in Secondary Agricultural Education	3
AGED 454	Facilities Organization and Management	2
AGED 460	Practicum: Secondary School Teaching in Agriculture	10
AGED 470	Proseminar in Agricultural Education	1
AGED 471	Senior Capstone in Agricultural Education	1
ASM 107	Beginning Welding	2
ASM 202	Agricultural Shop Practices	2
ASM 210	Small Engines	2
ASM 407	Advanced Welding	1
BIOL 114	Organisms and Environments	4
BIOL 115	Cells & the Evolution of Life	3
BIOL 115L	Cells and the Evolution of Life Laboratory	1
COMM 101	Fundamentals of Public Speaking	2
ECON 202	Principles of Microeconomics	3
EDCI 201	Contexts of Education	3
EDCI 301	Lrng, Dvlpmnt, & Assessment	3
EDCI 302	Teaching Culturally Diverse Learners	4
EDCI 410	Technology, Teaching and Learning	2
EDCI 463	Literacy Methods for Content Learning	3
EDSP 300	Educating for Exceptionalities	3
CHEM 101	Introduction to Chemistry	3

or CHEM 111	Principles of Chemistry I	
CHEM 101L	Introduction to Chemistry Laboratory	1
or CHEM 111L	Principles of Chemistry I Laboratory	
Select one of the following:		3-4
MATH 143	Pre-calculus Algebra and Analytic Geometry	
MATH 160	Survey of Calculus	
MATH 170	Analytic Geometry and Calculus I	

Select one of the following: _____ 4

~~PHYS 100~~ ~~Fundamentals of Physics~~

~~& 100L~~ ~~and Fundamentals of Physics Lab~~

~~PHYS 111~~ ~~General Physics I~~

~~& 111L~~ ~~and General Physics I Lab~~

Electives (25 cr)

Must include a minimum of:

Agricultural Economics Electives	6
Animal Science Electives	6
Plant Science Electives	6
Horticulture Elective	3
Soils Elective	4

Total Hours 102-103

Courses to total 128 credits for this degree

Available via distance: This major cannot be completed via distance

Geographical Area: Moscow

Rationale: Students with this degree prior to 2018 received a Standard Instructional Certificate with an endorsement in Agricultural Science and Technology (6-12) as well as an endorsement in Natural Science (6-12) from the Idaho State Department of Education. The Professional Teaching Standards board changed the requirements for the Natural Science (6-12) endorsement from 4cr in BIOL/PHYS/SOIL/CHEM to 6 credits in each area. Upon consultation with the College of Education, Health and Human Sciences Director of Teacher Education, we determined that it would benefit our students to change the endorsement to Biological Science (6-12). The addition of the BIOL 114 and the removal of the 4cr of PHYS will meet the criteria for this endorsement.