AGRICULTURE EDUCATION (EDAG) BACHELOR of SCIENCE
with an Area of Concentration in one of the following: Animal and Veterinary Science; Agroecology; Rangeland Ecology & Watershed Management; Soil Science; Agricultural Communication/Leadership; Agricultural Business

Total credit requirement: 126 minimum
48 credit hours must be upper division

Effective Fall 2011

Name: _____________________________________________
W#: __________________________ Matric. Date: __________
Evaluated by: ____________________________ Date: __________

WY Comm. College Transfers – WYO Core completed? Y__ N__

UNIVERSITY STUDIES PROGRAM REQUIREMENTS
CORE COMPONENTS:

Intellectual Community (1 course, 1-4 credits)
(1) EDSE 1000 (or equivalent)
Not required if transferring 16 or more credits to UW from any institution.

Writing 1 (1 course, minimum 3 credits)
(1) ENGL 1010

Quantitative Reasoning (2 courses, 6-8 credits)
(1) MATH 1400
(2) MATH 1050 OR STAT 2050

Natural Sciences (4-8 credits) (S, SB, SP, or SE)
(1) LIFE 1010
(1) CHEM 1000

Cultural Context (3 courses, 9 credits)
(3 hours from each area; can substitute C for ONE area)
Humanities (CH): __________________________
Social Science (CS): AGEC 1010, AGEC 1020 OR EDST 2450
Arts (CA): ________________________________

Oral Communication (1 course, 3 credits)
(1) EDST 3000

US & Wyoming Constitution (1 course, 3 credits)
(1) POLS 1000, ECON 1200, HIST 1211, 1221, or 1251

Physical Activity & Health (1 course w/ 2 parts, 1 credit)
(1) PEAC 1001

EMBEDDABLE COMPONENTS
May be part of another course (ordinarily a 3 credit course) or courses dedicated solely to this component.

Information Literacy (1 course)
(1) ITEC 2360

Writing 2 & 3 (2 courses)
(1) EDST 3000
(1) EDSE 3278

Global Awareness (1 course)
(1) AECL 1000

Diversity in the United States (1 course)
(1) EDST 2480

PROFESSIONAL EDUCATION REQUIREMENTS:
Professional Ed courses must be completed with a grade of C or better.
(1) EDST 2450 (3) Human Lifespan Development (CS)
(1) ITEC 2360 (3) Teaching with Technology (L)
(1) 2.50 UW Total Institution GPA
(1) Sophomore standing (30+ credits)
The above criteria must be met prior to enrollment in PHASE I:
(1) EDST 2480 [2000] (4) Diversity & the Politics of Schooling (D)
(1) EDEX 2484 (3) Intro to Special Education
(1) C or better in QA
(1) C or better in WA
(1) Current Wyoming Substitute Teaching Permit
(1) 2.75 UW Total Institution GPA
(1) Junior standing (60+ credits)
(1) Application is due one semester prior to enrollment.
The above criteria must be met prior to enrollment in PHASE II:
(1) EDST 3000 (6) Teacher as Practitioner (O & WB)
(1) 2.75 UW Total Institution GPA
(1) 2.50 GPA (content)
(1) Application is due one year prior to enrollment.
The above criteria must be met prior to enrollment in PHASE III

Methods I, II & Residency

Phase IIIa: Methods
(1) EDSE 3278 (3) Methods I: Sec. Agricultural Ed. (WC)
Offered FALL SEMESTER ONLY!
(1) EDSE 4278 (3) Methods II: Secondary Agricultural Ed.
Offered FALL SEMESTER ONLY!
(1) EDSE 4XXX (3) Methods of Teaching Biology for Agricultural Education Majors (New Course- Fall 2012)

EDST 3550 [3500] (2) Educational Assessment
*Can be taken upon successful completion of Phase I and QA requirement

PHASE IIIb: Residency
(1) EDSE 4500 (15-16) Residency in Teaching

- Minimum 2.75 cumulative GPA and minimum 2.50 content GPA required.
- There is no concurrent major included with the Agricultural Education degree program.
Additional courses are required:

To add an endorsement in secondary Biology Education, these
additional courses are required:

- AGEC 1010 OR AGEC 1020 (3) Principles of
  Macro/Micro Economics
- AECL 1000 (4) Agroecology
- SOIL 2010 (4) Introduction to Soil Science
- REWM 2000 (3) Principles of Rangeland Management
- ANSC 1010 (4) Livestock Production
- ANSC 2020 (4) Feeds and Feeding
- AECL 2025 (3) Horticultural Science (SB)
- EDAG 4XXX (3) Principles of Agricultural Mechanics
  and Technology – (New course – Fall 2012)
  approved. Offered Fall Semester Only on even years.
- EDAG 4XXX (3) Techniques of Agricultural Mechanics
  and Technology – (New course – Fall 2011)
  approved. Offered Fall Semester Only on odd years.
- LIFE 1010 (4) General Biology (SB)
- CHEM 1000 (4) Introductory Chemistry (SP)
- LIFE 2022 (4) Animal Biology OR LIFE 2023 (4)
  Biology of Plants and Fungi
- LIFE 3400 (3) General Ecology

To add an endorsement in secondary Biology Education, these
additional courses are required:

- MICR 2021 (4) General Microbiology
- LIFE 3050 (4) Genetics OR
  LIFE 3500 (3) Evolutionary Biology

For Ag. Comm. and Ag. Business areas of concentration only:
- Approved upper division, Biology-related course (3)

An endorsement may be completed after the Bachelor of Science
degree has been awarded.

Important:
Students in this major are required to have an advisor assigned in the
College of Education (assignment will be made by the Office of
Teacher Education upon declaration of this major) AND to have an
advisor assigned in the College of Agriculture and Natural
Resources (assignment will be made upon student request to the
department or program of the area of concentration). All requests for
substitution(s) or waiver(s) of courses or requirements on this side
of the Program Sheet must be made via the College of Education
Petition for Exception*. All such Petitions will be reviewed by the
College of Agriculture and Natural Resources department or
program of the area of concentration for approval or disapproval.
Final disposition of Petitions will be communicated to the student by
the Office of Teacher Education.

*College of Education Petition for Exception forms are available on
the College of Education website or in the Office of Teacher
Education (McWhinnie 100).

Area of Concentration:

All Ag Ed students are required to either complete courses in an
area of concentration below, or complete a minor in the
departments of Animal and Veterinary Science, Plant Science,
Renewable Resources, Agricultural Communications, or
Agricultural and Applied Economics. Minors must be declared,
and cannot be added after the B.S. degree has been awarded.
Completing a minor may require additional hours beyond the
required 128 credit hours. Your AGNR advisor should be
consulted when working on a minor for requirements.

Canr Areas of Concentration (15-16 hours) or Minors —

An endorsement in secondary Biology Education, these
additional courses are required:

- ANSC 3100 (3) Principles of Animal Nutrition
- ANSC 3010 (4) Comparative Anatomy and Physiology
  of Domestic Animals
- FDSC 2040 (3) Principles of Meat Animal Evaluation
  AND, one of the following courses:
  - PATB 4110 (3) Diseases of Food Animals and Horses;
  - OR ANSC 4120 (3) Principles of Mammalian
  Reproduction; OR ANSC 4540 (3) Principles of Animal
  Breeding; OR FDSC 3060 (3) Principles of Meat Science
  - Upper Division course (3) (Determined with advisor)

Agroecology (15 hr.)
- AECL 2026 (1) Horticultural Sciences Laboratory
- AECL 3030 (3) Ecological Web: Ecology of Plant
  Protection
- Upper Division Coursework (8) in ENTO, PLNT, SOIL
  - Upper Division course (3) (Determined with advisor)

Rangeland Ecology & Watershed Management (15 hr.)
- REWM 2500 (2) Rangeland Plant Identification
- REWM 3020 (3) Nutritional Management of Grazing
  Ungulates
  - REWM 4530 (1) Seminar
  - REWM 4700 (3) Wildland Watershed Management
  - Upper Division Coursework (3) in REWM
  - Upper Division course (3) (Determined with advisor)

Soil Science (15 hr.)
- SOIL 4120 (3) Genesis, Morphology and Classification
  of Soils
- SOIL 4150 (3) Forest and Range Soils
- SOIL 4160 (3) Soil Fertility and Fertilizers
  - Upper Division Coursework (3) in SOIL
  - Upper Division course (3) (Determined with advisor)

Agricultural Communication/Leadership (15 hr.)
- COJO 1040 (3) Intro Human Communication (CS)
- COJO 1010 (3) Public Speaking (O)
  - Upper Division Coursework (6) in COJO or approved
  Leadership courses
  - Upper Division course (3) (Determined with advisor)

Agricultural Business (15 hr.)
- AGEC 1010 OR AGEC 1020 (3) Principles of
  Macro/Micro Economics (Both required-one is in core)
- AGEC 4050 (3) Agribusiness Marketing
- AGEC 4060 (3) Agribusiness Management
  - Upper Division Coursework (3) in AGEC
  - Upper Division course (3) (Determined with advisor)