Colorado State University

Educator Licensing Program
School of Education
111 Education Building
(970) 491-5292
www.colostate/edu/Depts/EdLicense/

Name of Student _____
Social Security Number _____
Local Address _____
Local Telephone _____

AGRICULTURAL EDUCATION
Curriculum Checksheet
123 Credits

This checksheet describes the curricular requirements for both the Bachelor of Science degree in Agricultural Education with a concentration in "Teaching" and for the teacher licensing program in agricultural education. The courses listed are courses required in both areas. Students are requested to use the spaces on the right-hand side of the checksheet to suggest appropriate substitutions for courses which have been transferred from other institutions or for courses taken at CSU that might meet the intent of the required courses. All curricular requirements on this checksheet must be met in order to earn both the Bachelor of Science degree and the secondary teaching endorsement in agricultural education. The Bachelor of Science degree program is administered through the College of Agricultural Sciences, while the teaching endorsement program in agricultural education is administered in the School of Education, College of Applied Human Sciences. Thus, all undergraduate agricultural education-teaching students will have a degree adviser assigned in the College of Agricultural Sciences as well as a teacher education adviser assigned in the School of Education. Students will need to work closely with BOTH advisers in order to ensure that both the degree requirements and the requirements for the teaching license are met. Contact your advisers to complete the formal substitution form. Elective courses should be chosen based on the recommendation of your advisers. A minimum of 42 credits must be completed in upper-division coursework.

I. PROFESSIONAL EDUCATION (38 credits) [2]

	CSU Required Courses			Substitution
_____	EDCC 275[1]	Schooling in the United States	3	_____
_____	ED 331[1]	Educational Technology	1	_____
_____	ED 340 [1]	Literacy and the Learner	3	_____
_____	ED 350[3]	Instruction I: Individualization/Mgmt.	3	_____
_____	ED 386[3]	Practicum-Instruction I	1	_____
_____	ED 450[3]	Instruction II: Standards, Assessment	4	_____
_____	ED 486J[3]	Practicum-Instruction II	1	_____
_____	ED 493B[3]	Seminar-Assessment of Learning	1	_____
_____	VE 420	Ag Experiences and Adult Education	3	_____
_____	VE 425	Teaching Processes in Agricultural Educ.	4	_____
_____	VE 485 [3]	Student Teaching	12	_____
_____	VE 492 [3]	Seminar-Professional Relations	2	_____
		Total Credits	**38**	_____

1. Consent of Teacher Licensure Office must be obtained to enroll in EDCC 275, ED 331, and ED 340 in the new program. Formal admission required for all other ED/VE courses not specified within note 1.
2. Grades in all professional education and teaching concentration courses must be C or above to meet licensing requirements.
3. Register for ED 350 and 386 concurrently. Register for ED 450 and 486J concurrently. Register for VE 485, VE 492, and ED 493B concurrently.
4. Two years, or 4000 hours, of occupational experience in the agricultural industry after the age of 16 are required for vocational credentialing.

Substitution Approval

_____	_____	_____
Student Date	Education Advisor Date	Director, Teacher Licensure Program Date

Our Mission: *To teach and model best educational practice in order to prepare emerging professionals to facilitate student success.*

The Program is accredited by the National Council for the Accreditation of Teacher Education, the Colorado Commission on Higher Education, and the Colorado Department of Education

II. All-University Core Curriculum (AUCC)

CSU Required Courses					Substitution			
	Number	Title	Credits	AUCC	Number	Title	Crs.	Inst.
☐	ACC 192	Orientation to Ag Sciences	3	1				
Core Competencies								
☐	COCC 150	College Composition	3	2A				
☐	SPCC 200	Public Speaking (Required for undergraduate licensure students)	3	2B				
☐	MCC 120A-B	College Algebra I	1	2C				
☐	MCC 121	College Algebra II	1	2C				
☐	MCC 124	Logarithmic & Exponential Functions	1	2C				
	OR							
☐	MCC 130	Math in Social Science	3	2C				
☐	PLCC 110	Logic and Critical Thinking	3	2D				
Foundations and Perspectives								
☐	BZCC 110	Principles of Animal Biology	3	3A				
☐	BZCC 111	Animals Biology Laboratory	1	3A				
☐	C CC 107	Fundamentals of Chemistry	4	3A				
☐	Arts and Humanities Select from AUCC Category 3B Listing (See pg 4)		3	3B				
☐	EACC 202	Agricultural/Resource Economics	3	3C				
☐	Historical Perspectives Select from AUCC Category 3D Listing (See pg 4)		3	3D				
☐	Global and Cultural Awareness **Select from AUCC Category 3E Listing (See pg 4)**		3	3E				
☐	EDCC 275	Schooling in the U.S.	3	3F				
☐	EXCC 143	Survey of Health and Wellness	2	3G				
Depth and Integration								
	VE 485B	Student Teaching	12	4A				
	ED 493B	Seminar-Assessment of Learning	1	4B				
	VE 492	Seminar-Professional Relations	1	4C				

III. TEACHING CONCENTRATION (48 credits) [2]

Area of Specialization (Check one):

____ Animal Science/Equine Science ____ Soil and Crop Science

____ Agricultural & Resource Economics ____ Horticulture and Landscape Horticulture

CSU Required Courses					Substitution			
Number	Title	Offering / Credits			Number	Title	Crs.	Inst.
ANIMAL SCIENCE/EQUINE SCIENCE			**(6)**					
☐ AN 100	Animal Sciences	F,S,SS	3					
☐ AN 250	Live Animal & Carcass Eval	F,S	3					
SOIL & CROP SCIENCES			**(8)**					
☐ SC 100	General Crops	F,S	4					
☐ SC 240	Intro to Soil Science	F,S,SS	4					
AG & RESOURCE ECONOMICS			**(6)**					
☐ EACC 202	Ag/Natural Resource Econ	F,S	3					
☐ EA 205	Farm/Ranch Management	F	3					
☐ EA 308	Agricultural Finance	F	3					
OR								
☐ EA 310	Agricultural Marketing	F, S, SS	3					
HORTICULTURE			**(4)**					
☐ HCC 100	Horticultural Science	F,S	4					
INTERDISCIPLINARY AGRICULTURE			**(10)**					
☐ A/PL 330	Ag Ethics	S	3					
OR								
☐ PL 305E	Philosophical Issues-Animal Science	F	3					
☐ A 244 E	Topics in Ag Mechanics: "Small Gas Engines"	F,S	2					
☐ A 300	Issues in Agriculture	F	2					
☐ MC 151	Intro-Manufacturing/Construction	F,S	3					

ELECTIVE COURSES IN AGRICULTURE 14 credits minimum. (Should include credits to meet the 12 credit minimum in selected area.)

All agricultural education students are required to possess knowledge of agricultural communications and policy; agriculture mechanical technology; environmental horticulture; agricultural business management and marketing; environmental and natural resources; food science; food and fiber production; agricultural science and biotechnology; and forestry. These areas of knowledge do not have to be separate courses, but the content should be represented someplace within the total curriculum and/or practicum experiences (including student teaching).

_____ _____

_____ _____

_____ _____

- Students are required to declare a specialization in agriculture (Animal Sci/Equine Sci., Soil & Crop Sci., Ag & Resource Economics, or Horticulture/Landscape Hort) and will be required to complete a minimum of 12 credits of approved coursework within this declared area. These 12 credits (minimum) may include the required courses above as well as other selected courses. Upon the selection of this specialization, the student will be assigned a content adviser within that respective department in agricultural sciences.
- All other remaining elective credits will be in agriculture. Suggested course topics are identified on page 3.
- A244E "Topics in Ag Mech: Small Gas Engines" is a regular CSU course which is taught on the Northeastern Junior College campus in Sterling, CO.
- If students need additional skills in welding, they are encouraged to enroll in WLT 204 "Welding Problems I" (4) or one of the other welding courses offered at Aims CC. "Under a cooperative program with Aims Community College, CSU students may register for one course (maximum of five credits) per term without additional tuition assessment)." See an adviser for more information on this opportunity.

Please review the additional information regarding teacher education on page 4 of this checksheet.

See Catalog for most current listing of approved courses.

Arts and Humanities (Category 3B): ARCC 100-Introduction to the Visual Arts; D CC 110-Understanding Dance; E CC 140-The Study of Literature; E CC 232-Introduction to Humanities; E CC 238-20th Century Fiction; E CC 242-Reading Shakespeare; E CC 245-World Drama; E CC 270-Introduction to American Literature; E CC 275-Introduction to British Literature; ETCC 205-Ethnicity and the Media; ETCC 240-Native American Cultural Expressions; ETCC 256-Americans in a Changing World; L CC 250-Language, Literature, Culture in Translation; MUCC 100-Music Appreciation; MUCC 111-Music Theory Fundamentals; MUCC 231-Women in Music; PLCC 100-Appreciation of Philosophy; SPCC 100-Communication and Popular Culture; SPCC 201-Rhetoric in Western Thought; THCC 141-Introduction to Theatre

Historical Perspectives (Category 3D): APCC 140-Introduction to Prehistory; AUCC 200-Self/Community in American Culture, 1600-1877; AUCC 201-Self/Community in American Culture Since 1877; DMCC 263-Historical Perspectives of Material Culture; ET/HYCC 250-African American History, 1619-1865; ET/HYCC 251-African American History Since 1865; ET/HYCC 252-Asian American History; ET/HYCC 255-Native American History; ETCC 253-Chicano/History and Culture; HYCC 100-Western Civilization, Pre-Modern; HYCC 101-Western Civilization, Modern; HYCC 150-US History to 1876; HYCC 151-US History Since 1876; HYCC 170-World Civilizations, Ancient -1500; HYCC 171-World Civilizations, 1500-Present; HYCC 216-The Islamic World; HYCC 219-Africa-Precolonial States and Empires; HYCC 230-Medieval Europe; HYCC 270-Colonial Latin America;. HYCC 271-Latin America Since Independence; HYCC 273-Asian Civilizations I; HYCC 274-Asian Civilizations II; NRCC 320-Natural Resources History and Policy; PLCC 120-History & Philosophy of Scientific Thought; POCC131-Current World Problems

Global and Cultural Awareness (Category 3E): ACC/IECC 116-Plants and Civilization; ACC 270-World Interdependence -Population and Food; AMCC 250-Clothing, Adornment, Human Behavior; APCC 200-Cultures and the Global System; ECC 238-20th Century Fiction; ECC 245-World Drama; ECCC 211-Gender in the Economy; ETCC 205-Ethinicity and the Media; ETCC 253-Chicano History and Culture; ETCC 256-Americans in a Changing World; HYCC 216-The Islamic World; HYCC 219-Africa-Precoloonal States and Empires; HYCC 230-Medieval Europe; HYCC 270-Colonial Latin America; HYCC 273-Asian Civilization I; HYCC 274-Asian Civilization II; IECC 270A- World Interdependence -Population and Food; LCC 130-Modern Languages/Culture: Italian and Japanese; LCC 215-Transaltion Between Cultures and Languages; LCC 250-Language, Literature, Culture in Translation; LCC 255-Crossing Cultures; LBCC 170-World Literatures to 1500; LBCC 171-World Literatures-The Modern Period; PFCC 110-Pefmornaing Arts Around the World; PLCC 170-World Philosophies; POCC 131-Current World Problems; POCC 241-Comparative Government and Politics; SCC 205-Contemporary Race and Ethnic Relations; SACC 482V-Study Abroad; SPCC 192-Intro to Intercultural Communication

Performance-Based Standards for Colorado Teachers

These new teacher preparation standards were adopted by the State Board of Education in January 2000 for implementation in all Colorado teacher preparation programs in 2000-2001. For a more detailed description of each standard, please contact the Educator Licensing Program office.

The following shall serve as standards for the licensing of all teacher education candidates in Colorado and reflect the knowledge and skills required of beginning teachers.

- Standard One: Knowledge of Literacy
- Standard Two: Knowledge of Mathematics
- Standard Three: Knowledge of Standards and Assessment
- Standard Four: Knowledge of Content
- Standard Five: Knowledge of Classroom and Instructional Management
- Standard Six: Knowledge of Individualization of Instruction
- Standard Seven: Knowledge of Technology
- Standard Eight: Democracy, Educational Governance and Careers in Teaching

Coursework Model of the Teacher Licensure Program
Colorado State University

PHASE I	PHASE II
EDCC 275 ***"Schooling in the United States"*** 3 credits (Course includes 8-10 hours of field experiences in the P-12 public school system) **ED 340** ***"Literacy and the Learner"*** 3 credits (Course includes field experiences in the public school system.) **ED 331** ***"Educational Technology"*** 1 credit (Course can be taken in Phase I or II of Program)	**ED 350** ***"Instruction I: Individualization, Management"*** 3 credits (Course is a Professional Development School (PDS) at the public junior high schools) **ED 386** ***"Practicum: Instruction I"*** 1 credit (Includes field experiences aligned with ED 350)
PHASE III	**PHASE IV**
ED 450 ***"Instruction II: Standards, Assessment"***	**ED 485 A-B, VE 485** ***"Student Teaching"***

4 credits (Course is a Professional Development School (PDS) at the public high schools) **ED 486 J *"Practicum: Instruction II"*** 1 credit (Includes field experiences aligned with ED 450) **ED/VE *** *"Content Methods"*** 4 credits (Course can be taken in Phase II or III of Program)	11-12 credits (Course entails 14-16 weeks of full-time experience in a cooperating school site) **ED 493A/VE 492 *"Seminar: Professional Relations"*** 1 credit (Course includes career counseling, licensing information, and reflecting upon student teaching experiences) **ED 493B *"Seminar: Assessment of Learning"*** 1 credit (Course includes further development of assessment skills, processes, and strategies directly related to student teaching classrooms and experiences)

Early Childhood Education, Project Promise, and TEAM students' core education courses will vary from this listing.