

# Student Advising Form

2009-2010 Catalog Year

CALIFORNIA STATE UNIVERSITY, FRESNO

Department of Animal Sciences & Agricultural Education

B.S. Degree in Agricultural Education/Teacher Preparation Option (Major Code: 010205)

Student \_\_\_\_\_

I.D. # \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Transfer College: \_\_\_\_\_

Anticipated Graduation Date \_\_\_\_\_

- ELM Passed                       EPT Passed                       GE Foundation Completed with a  
 Math Requirement Completed       English Requirement Completed                      "C" or better grade

## GENERAL EDUCATION REQUIREMENTS

### LOWER DIVISION G.E. CONSISTS OF 39 UNITS

**FOUNDATION** Four courses: one in A1, one in A2, one in A3 & one in B4 for a minimum of 12 units. Foundation courses must be satisfied with a minimum "C" grade. Units/Grade

#### Area A – Fundamental Skills and Knowledge

- A1 Oral Communications: COMM 3,7,8 A1 \_\_\_\_\_  
A2 Written Communication: ENGL 5A & 5B or 10 A2 \_\_\_\_\_  
A3 Critical Thinking: ANTH 30; COMM 5; CSCI 1; GME 5; NSCI 4; PHIL 25,45 A3 \_\_\_\_\_  
B4 Quantitative Reasoning: DS 71; MATH 45\*\*,75 B4 \_\_\_\_\_

#### BREADTH

Area B – Physical Universe and Its Life Forms Two courses: one in B1 and one in B2 – see above for B4

- B1 Physical Science: (Prerequisite: Completion of B4): CHEM 3A\* B1 \_\_\_\_\_  
B2 Life Sciences: BIOL 10\*\*, BIOL 11 (Botany) or BIOL 12 (Zoology) B2 \_\_\_\_\_  
B3 Laboratory Component: B1 or B2 must have a lab B3 \_\_\_\_\_

Area C – Arts and Humanities Three courses: one in C1 one in C2 and a third from C1 or C2

- C1 Arts: ARMS 20; ART 1,20,40,50; ARTH 10,11; CLAS 9; DRAMA 62; ENGL 41,43, 44; MUSIC 9,74 C1 \_\_\_\_\_  
C2 Humanities: (Prerequisite: Completion of A2): ENGL 20\*\* C2 \_\_\_\_\_  
C3 Additional course from either area C1 or C2 C1 or C2 \_\_\_\_\_

Area D – Social, Political & Economic Institutions & Behavior, Historical Background: One course in each sub-area.

(Prerequisite for D1, D2 & D3: Completion of A2)

- D1 American History: (Prerequisite: Completion of A2) HIST 11 or 12 D1 \_\_\_\_\_  
D2 American Government: (Prerequisite: Completion of A2) PLSI 2 D2 \_\_\_\_\_  
D3 Social Science: (Prerequisite: Completion of A2) AGECE 1\* D3 \_\_\_\_\_

Area E – Lifelong Understanding and Self-Development One course

- E Lifelong Understanding & Self-Development: ASCI 67\* E \_\_\_\_\_

### UPPER DIVISION G.E. CONSISTS OF 12 UNITS

These can be taken no sooner than the term in which 60 units of coursework are completed.

(Prerequisite for IB, IC, ID and M/I: Completion of FOUNDATION and appropriate BREADTH area.)

**INTEGRATION** Three upper division courses—one in each area.

- IB Physical Universe and its Life Forms: PLANT 105\*\* IB \_\_\_\_\_  
IC Arts and Humanities: LING 115, 130; MUSIC 187; PHIL 120, 150 IC \_\_\_\_\_  
ID Social, Political & Economic Institutions & Behavior, Historical Background: AGECE 155\*\*; ANTH 116W; CRIM 101,120, 153; KINES 111; MCJ 178 ID \_\_\_\_\_

**MULTICULTURAL/INTERNATIONAL** One course with prefix M/I

- M/I ANTH 105W; BA 104; COMM 164; CDDS 139; GEOG 167; MCJ 175, 176; SOC 142 M/I \_\_\_\_\_

MINIMUM G.E. UNITS REQUIRED ARE 51

TOTAL GE UNITS \_\_\_\_\_

### ADDITIONAL REQUIREMENTS

Upper Division Writing Skills (Test or Course) \_\_\_\_\_ 1 Unit \_\_\_\_\_

\*Major Required G.E. Course

\*\*Major Recommended G.E. Course

Description		Transfer Course	Units			
			Sem	LD	UD	Grade
<b>Agricultural Economics</b>			<b>6 Units</b>			
AGEC	031	Farm Accounting	_____	3		_____
AGEC	120	Agribusiness Management	_____		3	_____
<b>Animal Sciences</b>			<b>9 Units</b>			
ASCI	001	Introduction to Animal Science	_____	3		_____
ASCI	011	Livestock Selection and Evaluation	_____	3		_____
<b>Select one of the following:</b>						
ASCI	021, 031, 041, 061, 091		_____	3		_____
<b>Plant Science</b>			<b>12 Units</b>			
CRSC	001	Introduction to Crop Science	_____	3		_____
OH	001	Introduction to Ornamental Horticulture	_____	3		_____
HORT	110	Fruit Species of California	_____		3	_____
SW	100N	Soils in Environment	_____		3	_____
<b>Agricultural Engineering Technology</b>			<b>9 Units</b>			
MEAG	001S	Introduction to Agricultural Mechanics	_____	3		_____
MEAG	050	Metallurgical Processes	_____	3		_____
MEAG	114	Small Gasoline and Diesel Engines	_____		3	_____
<b>Natural Resources and Forestry</b>			<b>3 Units</b>			
CRSC	105	Range Management	_____		3	_____
<b>Subject Matter Specialization (SELECT ONE AREA)</b>			<b>15 Units</b>			
<b>Animal Sciences Specialization (recommended courses)</b>			<b>15 Units</b>			
<b>Select 6 units from:</b>						
ASCI	021, 031, 041, 061 or 091		_____	3		_____
			_____	3		_____
<b>Select 9 units from (at least 3 – 6 units from upper division courses required):</b>						
ASCI	035	Feeds and Feeding	_____	3		_____
ASCI	071	Meat Science	_____	3		_____
ASCI	081	Intro to Livestock and Dairy Evaluation	_____	3		_____
ASCI	101	Environmental Management of Farm Animals	_____		3	_____
ASCI	121	Advanced Beef Management	_____		3	_____
ASCI	125	Animal Genetics	_____		3	_____
ASCI	131	Advanced Swine Management	_____		3	_____
ASCI	135	Animal Nutrition	_____		3	_____
ASCI	155	Animal Reproduction	_____		3	_____
ASCI	161	Advanced Dairy Farm Management	_____		3	_____
ASCI	171	Advanced Meat Science	_____		3	_____
ASCI	181	Advanced Livestock and Dairy Evaluation	_____		3	_____
<b>Plant Science Specialization (recommended courses)</b>			<b>15 Units</b>			
CRSC	101	Row Crops	_____		3	_____
CRSC	102	Cereal and Forage Crops	_____		3	_____
CRSC	111	Warm Season Vegetables	_____		3	_____
CRSC	112	Cool Season Vegetables	_____		3	_____
OH	004	Floral Design	_____	3		_____
OH	104	Greenhouse and Nursery Management	_____		3	_____
OH	109	Herbaceous Plant Identification Materials	_____		3	_____
OH	110	Turfgrass Production and Management	_____		3	_____
PLANT	100	Aspects of Crop Productivity	_____		3	_____
PLANT	107	Plant Propagation	_____		3	_____
PLANT	150	Crop Improvement	_____		3	_____
PLTH	103	Economic Entomology	_____		3	_____

Agricultural Engineering Technology Specialization			(recommended courses)		15 Units
MEAG	003	Farm Tractors and Equipment	_____	3	_____
MEAG	020	Farm Machinery and Equipment	_____	3	_____
MEAG	053	Electricity and Electronics	_____	3	_____
MEAG	103	Electro-Hydraulics	_____		3 _____
MEAG	112	Power Systems Technology	_____		3 _____
MEAG	113	Power Transmissions	_____		3 _____
MEAG	120	Advanced Farm Machinery	_____		3 _____
SW	114	Pumps and Motors	_____		3 _____

Subject Matter Specialization					15 Units	
			<u>Sem</u>	<u>LD</u>	<u>UD</u>	<u>Grade</u>
<u>Agricultural Business</u>			(recommended courses)		15 Units	

**Select 6 units from:**

AGEC	005	Survey of Agricultural Economics and Agribusiness	_____	3	_____
AGEC	076	Agribusiness Microcomputer Applications	_____	3	_____
AGEC	100	Intermediate Agricultural Economics	_____		3 _____
AGEC	130	Agricultural Finance	_____		3 _____
AGEC	160	Agricultural Market Analysis	_____		3 _____

**Select 9 units from:**

AGEC	114	Advanced Farm Management	_____		3 _____
AGEC	117	Agricultural Labor-Management Relations	_____		3 _____
AGEC	124	Food and Fiber Industry Management	_____		3 _____
AGEC	150	Agricultural Food and Policy	_____		3 _____
ASCI	121	Advanced Beef Management	_____		3 _____
ASCI	131	Advanced Swine Management	_____		3 _____
ASCI	161	Advanced Dairy Farm Management	_____		3 _____
MEAG	120	Advanced Farm Machinery	_____		3 _____
OH	104	Greenhouse and Nursery Management	_____		3 _____

Additional Degree Requirements					15 Units
AGED	135	Introduction to Agricultural Education	_____		3 _____
AGED	150	Agricultural Resources and Computer Applications	_____		3 _____
AGED	187*	Organization, Administration & Supervision of Agricultural Education	_____		3 _____
AGED	189*	Education in Agricultural Mechanics	_____		3 _____
AGED	050	AGEDucation Orientation (or EHD 50 Intro to Teaching)	_____	3	_____

\* AGED 187 and AGED 189 are only required for teacher preparation majors seeking the Agriculture Specialist Credential.

*Graduation Checklist*

GE upper division minimum unit requirement	12	<input type="checkbox"/>
Upper division units in major requirement	18	<input type="checkbox"/>
Upper division unit requirement for total program	40	<input type="checkbox"/>
Total Major Units	60	<input type="checkbox"/>
Total Grade Points in Major	120	<input type="checkbox"/>

This advising sheet is furnished as an aid to our students.

IF THERE IS AN ERROR OR OMISSION ON THIS ADVISING SHEET, IT IS THE STUDENT'S RESPONSIBILITY TO CHECK THEIR CATALOG TO MAKE SURE THEY MEET ALL REQUIREMENTS FOR GRADUATION.