

STUDENT ADVISING FORM
2009-2012 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): <u>CHEM 3A*</u> | B1 _____ |
| B2 | Life Sciences: <u>BIOL 10**</u> , <u>BIOL 11 (Botany)</u> or <u>BIOL 12 (Zoology)</u> | 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

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|----|---|----------------|
| 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): <u>ENGL 20**</u> | 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)

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|----|--|----------|
| 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) <u>AGBS 1*</u> | D3 _____ |

Area E - Lifelong Understanding and Self-Development One course

- | | | |
|---|--|---------|
| E | Lifelong Understanding & Self-Development: <u>ASCI 67*</u> | 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.

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|----|---|----------|
| IB | Physical Universe and its Life Forms: <u>PLANT 105**</u> | IB _____ |
| IC | Arts and Humanities: LING 115, 130; MUSIC 187; PHIL 120, 150 | IC _____ |
| ID | Social, Political & Economic Institutions & Behavior, Historical Background: <u>AGBS 155**</u> ; 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

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.

| Teacher Education Core | | | 39 Units | | | |
|---|---------------------------|---|------------------------|-----------|--------------|--------------|
| Description | | | Transfer Course | | Units | |
| | | | Sem | LD | UD | Grade |
| Agricultural Economics | | | 6 Units | | | |
| AGBS | 031 | Farm Accounting | ---- | 3 | | ----- |
| AGBS | 120 | Agribusiness Management | ---- | | 3 | ----- |
| Animal Sciences | | | 9 Units | | | |
| ASCI | 001 | Introduction to Animal Science | ---- | 3 | | ----- |
| ASCI | 011 | Livestock Selection and Evaluation | ---- | 3 | | ----- |
| Select one of the following: | | | | | | |
| ASCI | 021, 031, 041, 061, 091 | | ---- | 3 | | ----- |
| Ornamental Horticulture | | | 9 Units | | | |
| OH | 001 | Introduction to Ornamental Horticulture | ---- | 3 | | ----- |
| Plant Science | | | 12 Units | | | |
| CRSC | 001 | Introduction to Crop Science | ---- | 3 | | ----- |
| HORT | 110 | Fruit Species of California | ---- | | 3 | ----- |
| SW | 100N | Soils in Environment | ---- | | 3 | ----- |
| Agricultural Engineering Technology | | | 9 Units | | | |
| MEAG | 001S | Introduction to Agricultural Mechanics | ---- | 3 | | ----- |
| MEAG | 050 | Metallurgical Processes | ---- | 3 | | ----- |
| MEAG | 114 | Small Gasoline and Diesel Engines | ---- | | 3 | ----- |
| Natural Resources and Forestry | | | 3 Units | | | |
| CRSC | 105 | Range Management | ---- | | 3 | ----- |
| Subject Matter Specialization (SELECT ONE AREA) | | | 15 Units | | | |
| Animal Sciences Specialization (recommended courses) | | | 15 Units | | | |
| Select 6 units from: | | | | | | |
| ASCI | 021, 031, 041, 061 or 091 | | ---- | 3 | | ----- |
| | | | ---- | 3 | | ----- |
| Select 9 units from (at least 3 – 6 units from upper division courses required): | | | | | | |
| 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 | ----- |
| Plant Science Specialization (recommended courses) | | | 15 Units | | | |
| 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 | | | |
|---|------|--|----------|----|----|-------|
| | | | Sem | LD | UD | Grade |
| Agricultural Business (recommended courses) | | | 15 Units | | | |
| Select 6 units from: | | | | | | |
| AGBS | 005 | Survey of Agricultural Economics and Agribusiness | _____ | 3 | | _____ |
| AGBS | 076 | Agribusiness Microcomputer Applications | _____ | 3 | | _____ |
| AGBS | 100 | Intermediate Agricultural Economics | _____ | | 3 | _____ |
| AGBS | 130 | Agricultural Finance | _____ | | 3 | _____ |
| AGBS | 160 | Agricultural Market Analysis | _____ | | 3 | _____ |
| Select 9 units from: | | | | | | |
| AGBS | 110 | Farm Management | _____ | | 3 | _____ |
| AGBS | 117 | Agricultural Labor-Management Relations | _____ | | 3 | _____ |
| AGBS | 124 | Food and Fiber Industry Management | _____ | | 3 | _____ |
| AGBS | 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 | Ag Education 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"/> |

