

**STUDENT ADVISING FORM**  
2009-2021 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 \_\_\_\_\_

- |   |  |   |
|---|--|---|
| <input type="checkbox"/> ELM Passed                 | <input type="checkbox"/> EPT Passed                    | <input type="checkbox"/> GE Foundation Completed with a |
| <input type="checkbox"/> Math Requirement Completed | <input type="checkbox"/> 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**

- |   |          |
|---|----------|
| <b>A1</b> Oral Communications: COMM 3, 7, 8                                     | A1 _____ |
| <b>A2</b> Written Communication: ENGL 5A/5B or 10                               | A2 _____ |
| <b>A3</b> Critical Thinking: ANTH 30; COMM 5; CSCI 1; GME 5; NSCI 4; PHIL 25,45 | A3 _____ |
| <b>B4</b> Quantitative Reasoning: DS 71; MATH 11**, 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

- |   |          |
|---|----------|
| <b>B1</b> Physical Science: (Prerequisite: Completion of B4): CHEM 3A*  | B1 _____ |
| <b>B2</b> Life Sciences: BIOL 10, BIOL 11 (Botany) or BIOL 12 (Zoology) | B2 _____ |
| <b>B3</b> 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

- |   |                |
|---|----------------|
| <b>C1</b> Arts: ARMS 20; ART 1,20,40,50; ARTH 10,11; CLAS 9; DRAMA 62; ENGL 41,43, 44; MUSIC 9,74 | C1 _____       |
| <b>C2</b> Humanities: (Prerequisite: Completion of A2): ENGL 20**                                 | C2 _____       |
| <b>C3</b> 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)

- |  |          |
|--|----------|
| <b>D1</b> American History: (Prerequisite: Completion of A2) HIST 11 or 12 | D1 _____ |
| <b>D2</b> American Government: (Prerequisite: Completion of A2) PLSI 2     | D2 _____ |
| <b>D3</b> Social Science: (Prerequisite: Completion of A2) AGBS 1*         | D3 _____ |

**Area E - Lifelong Understanding and Self-Development** One course

- |  |         |
|--|---------|
| <b>E</b> 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.

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

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

- |   |           |
|---|-----------|
| <b>M/I</b> 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.**

| <b>Teacher Education Core</b>   |                           |   | <b>39 Units</b>        |           |              |              |
|---|---------------------------|---|------------------------|-----------|--------------|--------------|
| <b>Description</b>  |                           |   | <b>Transfer Course</b> |           | <b>Units</b> |              |
|   |                           |   | <b>Sem</b>             | <b>LD</b> | <b>UD</b>    | <b>Grade</b> |
| <b>Agricultural Economics</b>   |                           |   | <b>6 Units</b>         |           |              |              |
| AGBS  | 031                       | Farm Accounting                           | ----                   | 3         |              | _____        |
| AGBS  | 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>        |           |              |              |
| PLANT   | 20                        | Introduction to Crop Science              | ----                   | 3         |              | _____        |
| PLANT   | 40                        | Introduction to Ornamental Horticulture   | ----                   | 3         |              | _____        |
| PLANT   | 130                       | Fruit Species of California               | ----                   |           | 3            | _____        |
| PLANT   | 171                       | Soils in Environment                      | ----                   |           | 3            | _____        |
| <b>Agricultural Engineering Technology</b>  |                           |   | <b>9 Units</b>         |           |              |              |
| MEAG  | 001                       | 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>         |           |              |              |
| PLANT   | 122                       | 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>        |           |              |              |
| PLANT   | 041                       | Floral Design                             | ----                   | 3         |              | _____        |
| PLANT   | 100                       | Aspects of Crop Productivity              | ----                   |           | 3            | _____        |
| PLANT   | 107                       | Plant Propagation                         | ----                   |           | 3            | _____        |
| PLANT   | 120                       | Row Crops                                 | ----                   |           | 3            | _____        |
| PLANT   | 121                       | Cereal and Forage Crops                   | ----                   |           | 3            | _____        |
| PLANT   | 123                       | Vegetables Production                     | ----                   |           | 3            | _____        |
| PLANT   | 140                       | Greenhouse and Nursery Management         | ----                   |           | 3            | _____        |
| PLANT   | 142                       | Herbaceous Plant Identification Materials | ----                   |           | 3            | _____        |
| PLANT   | 143                       | Turfgrass Production and Management       | ----                   |           | 3            | _____        |
| PLANT   | 150                       | Crop Improvement                          | ----                   |           | 3            | _____        |
| PLANT   | 162                       | Economic Entomology                       | ----                   |           | 3            | _____        |
| <b>Agricultural Engineering Technology Specialization (recommended courses)</b>         |                           |   | <b>15 Units</b>        |           |              |              |
| 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            | _____        |

**Subject Matter Specialization****15 Units**

|  |  |  | <b>Sem</b> | <b>LD</b> | <b>UD</b> | <b>Grade</b> |
|--|--|--|------------|-----------|-----------|--------------|
|--|--|--|------------|-----------|-----------|--------------|

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 | ----- |

**Additional Degree Requirements****15 Units**

|      |      |  |       |   |   |       |
|------|------|--|-------|---|---|-------|
| AGED | 050  | Ag Education Orientation (or EHD 50 Intro to Teaching)               | ----- | 3 |   | ----- |
| 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 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"/> |