

**B.S. DEGREE IN AGRICULTURAL AND ENVIRONMENTAL EDUCATION
2017-2018**

Name _____

ID _____

Pre-Credential? Yes _____ No _____

Choose a Focused Depth Subject Matter Area:

- Agricultural Business and Economics
- Animal Science
- Applied Biological Systems Technology
- Environmental Horticulture
- Environmental Science and Natural Resources
- Plant and Soil Science

___ 1. **GENERAL UNIVERSITY REQUIREMENTS:** Entry Level Writing Requirement ___; Amer. History & Inst ___

GENERAL EDUCATION:

***See additional GE handout**

___ 2. **ENGLISH:** Choose **ONE** of following options – All courses must be taken with a C- or higher:

- ___ 1) Two courses from:
ENL 3, UWP 1, 18, 19, 101, UWP 102A-G, 104A-F, NEM 150; **OR**

One from the previous list **AND** one from:
COM 1, 2, 3, 4, NAS 5, CMN 1
- ___ 2) Advanced Placement English score of 4 or 5 plus any course on above list
EXCEPT UWP 1 or ENL 3
- ___ 3) **AFTER** completing 70 units pass English Comp Exam

___ 3. **GOVERNMENT/US CONSTITUTION PREPARATORY SUBJECT MATTER** (4 units):

HIS 17A (4) or POL 1 (4) ___ [HIS 17A strongly recommended, counts under GE AH]

___ 4. **GENERAL PREPARATORY SUBJECT MATTER** (50 units):

- ___ a) ANIMAL SCIENCE (8 units):
ANS 1 (4) F___, ?ANS 2(4) S___, ?ANS 21 (2) S___, ?ANS 41 (2) F___, ANS 49 (2) ___
- ___ b) APPLIED BIOLOGICAL SYSTEMS TECHNOLOGY (9 units):
?ABT 16 (2) F___, ?ABT 52 (2) W___, ?ABT 49 (2) S___, ?ABT 101 (3) W___
- ___ c) ECONOMICS (8 units):
ARE 15 (4) S___, ECN 1A (4) ___, ?ECN 1B (4) ___
- ___ d) ENVIRONMENTAL HORTICULTURE (9 units):
?ENH 1 (3) F___, ENH 6 (4) F___, ?PLS 5 (2) F, W ___
- ___ e) ENVIRONMENTAL SCIENCE/NATURAL RESOURCES (8 units):
?ESP 10 (3) W___, ETX 10 (3) F___, HYD 10 (3) S___, HYD 47 (2) Su ___, SAS 10 (3) S ___
- ___ f) PLANT SCIENCE (8 units):
PLS 1 (3) F___, ?PLS 2 (4) W___, PLS 15 (4) S___, ?PLS 49 (3) F, S___,
VEN 2 (2) F___, VEN 3 (3) ___

KEY FOR LETTERS AND SYMBOLS USED IN CHECKLIST:

- QUARTER OFFERED: F = FALL, W = WINTER, S = SPRING, Su I or Su II = SUMMER SESSIONS I OR II
- UNIT VALUES ARE INDICATED WITHIN PARENTHESES
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___ 5. **MATH / SCIENCE PREPARATORY SUBJECT MATTER (42-44 units):**

- ___ a) BIOLOGY (10 units):
BIS 2A (5) ____, ?2B (5) _____
- ___ b) CHEMISTRY (10 units):
?CHE 2A (5) F, W ____, 2B (5) W, S _____
- ___ c) GENERAL CATEGORY (9 units):
GEL 1 (4) ____, GEL 20 (2) S____, SSC 10 (3) F _____
- ___ d) MATHEMATICS (6-8 units):
[MAT 16A (3) ____, MAT 16B (3) ____] or [MAT 17A (4) ____, MAT 17B (4) ____] or
[MAT 21A (4) ____, MAT 21B (4) ____]
- ___ e) PHYSICS (8 units):
[PHY 7A (4) ____, PHY 7B (4) ____] or [PHY 1A (3) ____, PHY 1B (3) ____, and PHY 10C (3) F ____]

___ 6. **DEPTH SUBJECT MATTER (21 units)** (Your major GPA consists of items 6a – c, 7 and 8):

- ___ a) AGRICULTURAL AND ENVIRONMENTAL EDUCATION (6 units):
?AED 100 (3) W ____, AED 160 (3) F _____
- ___ b) EDUCATION (10 units):
EDU 110 (4) ____, EDU 115 (2) ____, EDU 142 (4) S_____
- ___ c) CONTEMPORARY LEADERSHIP (4 units):
SAS 130 (4) W, S_____

___ 7. **FOCUSED DEPTH SUBJECT MATTER (16 units):** Students may choose from **Agricultural Business and Economics; Animal Science; Applied Biological Systems Technology; Environmental Science and Natural Resources; or Plant and Soil Science** as a Focused Depth subject matter category. Students must complete a minimum of 16 upper division units related to a Focused Depth subject category. Courses may be taken P/NP, but **all planned courses must be approved by an Advisor**. Please use space provided at the end of this section to indicate your focused depth subject matter category and list courses selected.

Focused Depth Subject Category: _____

<u>Course</u>	<u>Units</u>	<u>Quarter</u>	<u>Grade</u>

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___ 8. **RESTRICTED ELECTIVES (16 units):** At least 16 units of additional upper division courses **selected with approval of an advisor** to supplement or expand depth subject matter courses chosen from ABI, ANG, ANS, ARE, AVS, ENH, ERS, ESP, FST, IAD, NAC, NPB, NUT, PLS, PLB, or VEN. **Restricted Elective coursework may not be duplicated from focused depth subject matter coursework.**

<u>Course</u>	<u>Units</u>	<u>Quarter</u>	<u>Grade</u>

___ 9. **UNRESTRICTED ELECTIVES (9-31 units):** Courses selected to bring total units to a minimum of 180.
Note: A minimum of 54 upper division units are required for graduation.

ADDITIONAL COURSES REQUIRED FOR STUDENTS INTERESTED IN CALIFORNIA SUBJECT EXAMINATION for TEACHERS (CSET) EXAM WAIVER, IN PREPARATION FOR THE AGRICULTURAL CREDENTIAL PROGRAM:

Note: These courses can count towards focused depth subject matter or restricted electives.

AGRICULTURAL SYSTEMS TECHNOLOGY:

- ABT 165 (2) W ___

ENVIRONMENTAL SCIENCE & NATURE:

- PLS 147 (3) S ___
- SAS 18 (3) S ___

AGRICULTURAL BUSINESS & ECONOMICS:

- ARE 18 (4) F, W, S, Su I ___
- CMN 136 (4) F, Su I ___
- MGT 11A (4) F, W, Su I ___
- PLS 21 (3) F, W, S ___

PLANT & SOIL SCIENCE; ORNAMENTAL HORTICULTURE:

- BIS 2C (5) F, W, S, Su II ___
- ENH 125 (5) W ___
- PLS 6 (2) S ___
- SSC 10 (3) F ___

MARKETING (SELECT ONE):

- ARE 130 (4) F ___
- ARE 136 (4) F, W, Su II ___
- ANS 141 (4) W (EOY odd) ___
- ANS 143 (4) F (EOY odd) ___
- ANS 145 (NCO)
- ANS 147 (NCO)

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AEE Courses That Fulfill General Education Requirements

	Fulfilled By Major	Remaining Requirements
Topical Breadth (Requires 52 Units Total)	<p>Science & Engineering (SE):</p> <p><u>CHE 2A</u> <u>5</u></p> <p><u>CHE 2B</u> <u>5</u></p> <p><u>BIS 2A</u> <u>5</u></p> <p><u>BIS 2B</u> <u>5</u></p> <p>12-20 units <u>max. 20</u></p> <p>Social Sciences (SS):</p> <p><u>ARE 15</u> <u>4</u></p> <p><u>ECN 1A or 1B</u> <u>4</u></p> <p><u>EDU 110</u> <u>4</u></p> <p><u>EDU 142</u> <u>4</u></p> <p><u>MGT 11A</u> <u>4</u></p> <p>12-20 units <u>max. 20</u></p>	<p>Arts & Humanities (AH):</p> <p><u>HIS 17A</u> <u>4</u></p> <p>_____ _____</p> <p>_____ _____</p> <p>_____ _____</p> <p>_____ _____</p> <p>_____ _____</p> <p>12-20 units _____</p> <p>Total AH: <u>12 units</u> □ Satisfied</p>
Core Literacies (Requires 27 Units Total)	<p>Literacy with Words & Images:</p> <p>Writing Experience (WE):</p> <p><u>GEL 1</u> <u>4</u></p> <p><u>EDU 110</u> <u>4</u></p> <p>6 units <u>complete</u></p> <p>Oral Skills or Additional Writing Experience (OL):</p> <p><u>SAS 130</u> <u>4</u></p> <p>3 units <u>complete</u></p> <p>Visual Literacy (VL):</p> <p><u>BIS 2B</u> <u>5</u></p> <p>3 units <u>complete</u></p> <p>Quantitative Literacy (QL):</p> <p><u>MAT 16A</u> <u>3</u></p> <p>3 units <u>complete</u></p> <p>Scientific Literacy (SL):</p> <p><u>MAT 16B</u> <u>3</u></p> <p>3 units <u>complete</u></p> <p>Civic & Cultural Literacy:</p> <p>American Cultures, Governance & History (ACGH):</p> <p><u>ECN 1A or 1B</u> <u>4</u></p> <p>3 units <u>complete</u></p> <p>Total: <u>27</u></p>	<p>Civic & Cultural Literacy Continued (1 course required):</p> <p>World Cultures (WC):</p> <p>_____ _____</p> <p>3 units _____</p> <p>Domestic Diversity (DD):</p> <p><u>HIS 17A</u> <u>4</u></p> <p>3 units <u>complete</u></p> <p>Total: <u>7 units</u> □ Satisfied</p>

Important Notice: AP Credit CANNOT be used as GE credit

