

SECTION V: Proposed Changes to an Existing Program or Program Policies

Insert here a statement of the exact changes to be made: The CSES orientation course is being deleted in response to the creation of the university-wide UNIV 1001 University Perspectives orientation course and the credit is being added to Elective hours. Another change is a provision for students to choose 3 hours Controlled Electives from the Agricultural Business minor, if they are choosing to complete that minor while pursuing the CPSC BS degree. Finally, a course was added to options in Group B.

Check if either of these boxes apply and provide the necessary signature:

- Program change proposal adds courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: _____
- Program change proposal deletes courses offered by another academic college, and that college dean's office has been notified. The signature of the dean of that academic college is required here: _____

Check all the boxes that apply and complete the required sections of the form:

- Change of Name and Code (Complete only sections I, II, V and VII.)
- Change Course Requirements: (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Delivery Site/Method (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change Total Hours (Complete all sections of the form except "Proposed Name" in II, section III, and section IV.)
- Change in Program Policies

SECTION VI: Justification

Justify this change and state its likely effect on any other degree program (including those outside the school or college). Identify any program or program components (other than courses) to be eliminated if this program is implemented. (Program and course change forms must also be submitted for such related changes.)

The CSES orientation course is being deleted in response to the creation of the university-wide UNIV 1001 University Perspectives orientation course and the credit is being added to Elective hours. The CSES 1011 course is not needed any longer. The changes to the AG Business minor are in response to changes made by Agricultural Business to keep the CPSC check sheet in agreement with the choices in the AG Business minor. ENSC 3263 has been revised and soil management covered in that course is relevant to CPSC majors, and is being added to the degree plan as an option.

SECTION VII: Catalog Text and Format

In the box below, insert the current catalog text which is to be changed, with changes highlighted with the color yellow. Include all proposed changes identified in Section V. Only changes explicitly stated in Section V will be considered for approval by the University Course and Programs Committee, the Graduate Council and the Faculty Senate. If you are proposing a new program, give proposed text with all of the elements listed below. If you are proposing modified text, include these elements as appropriate.

Include the following elements, in order, in the catalog text for proposed undergraduate program(s) or program changes:

- State complete major/program name
- Briefly define or describe the major/program or discipline.
- Identify typical career goals or paths for graduates. (Optional)
- State admission requirements (if any) for entry or entry into upper/advanced level of major/program.
- Identify location in catalog of university, college/school, and department/program requirements which the student must meet in addition to hours in the major, but do not restate these requirements.
- State course requirements in the major and any allied areas, giving number of hours and specific courses; specify electives or elective areas and give numbers of hours and courses in elective pools or categories; identify any other course requirements.
- State any other requirements (required GPA, internship, exit exam, project, thesis, etc.).
- Identify name and requirements for each concentration (if any).
- Specify whether a minor or other program component is allowed or required and provide details.
- State eight-semester plan requirements

For minors, state requirements in terms of hours, required courses, electives, etc.

For graduate program/units, include elements (as needed) parallel to those listed for undergraduate programs above.

For Law School program/units, prepare text consistent with current catalog style.

For centers, prepare text consistent with current catalog style.

Requirements for a Major in Crop Science (CPSC)

State minimum core and discipline specific general education requirements. (Course work that meets state minimum core requirements is in **bold**.)

Communications (15 hours)

__ Choose from **English Core** courses (6 hours) If exempt, see adviser for communications courses

__ ENGL 2003 Advanced Composition or
ENGL 3053 Technical and Report Writing

__ COMM 1313 Public Speaking

__ CSES 3023 CSES Colloquium

U.S. History or Government (3 hours)

__ Choose from **U.S. History Core** courses

Mathematics and Computer Science (6 hours)

__ Choose from **MATH Core** courses

__ AGME 2903 Applications of Microcomputers or AGST 4023 Principles of Experimentation or STAT 2303 Principles of Statistics
(Students minoring in Agricultural Business should choose AGME 2903.)

Sciences (18-19 hours)

__ **BIOL 1543/1541L** Principles of Biology and lab

__ **BIOL 1613/1611L** Plant Biology and lab or CSES 1203 Introduction to Plant Sciences

__ **CHEM 1103/1101L** University Chemistry I and lab or **CHEM 1073/1071L** Fundamentals of Chemistry and lab

__ CHEM 2613/2611L Organic Physiological Chemistry and lab

__ BIOL 4303 Plant Physiology or ANSC/POSC 3123 Principles of Genetics or BIOL 2323 General Genetics

Fine Arts and Humanities (6 hours)

__ Choose from **Fine Arts, Humanities Core** courses

Social Sciences (9 hours)

__ **AGEC 1103** Principles of Agricultural Microeconomics

__ Choose from **Social Sciences Core** courses (6 hours total, 3 hours must be outside AGEC/ECON discipline) Students minoring in Agricultural Business should choose AGEC 2103.

CPMG Requirements (**2726** hours)

General Agronomy (**4918** hours)

__ **CSES 1011 Introduction to Crop, Soil, and Environmental Sciences**

__ CSES 2103/2101L Crop Science and lab

__ CSES 2203/2201L Soil Science and lab

__ CSES 4013 Advanced Crop Science

__ CSES 4224 Soil Fertility with lab component

__ CSES 462V Internship or CSES 400V Special Problems (3 hours)

Choose 8 hours from Group A or B. At least 2 courses must be from Group A.

Group A:

__ CSES 3112 Forage Management

__ CSES 3312 Cotton Production

__ CSES 3322 Soybean Production

__ CSES 3332 Rice Production

__ CSES 3342 Cereal Grain Production

Group B:

__ CSES 3214 Soil Resources and Nutrient Cycles

__ CSES 4103 Plant Breeding with lab component

__ CSES 4253 Soil Classification and Genesis with lab component

__ CSES 355V Soil Profile Description (1-2 hours)

__ CSES 400V Special Problems (1-6 hours)

__ ENSC 3103 Plants & Environmental Restoration

__ **ENSC 3263 Environmental Soil and Water Conservation**

__ PLPA 4333 Biotechnology in Agriculture

__ HORT 2303 Introduction to Turfgrass Management

Pest Management (10 hours)

__ ENTO 3013 Introduction to Entomology

__ PLPA 3004 Principles of Plant Pathology

__ CSES 4133 Weed ID, Morphology and Ecology or CSES 4143 Principles of Weed Control

Electives for a minor: **Choose 9 hours from either Group C or 12 hours from Group D**

Group C (Pest Management):

- ___ CSES 4133 Weed ID, Morphology and Ecology or CSES 4143 Principles of Weed Control
- ___ PLPA 4223 Plant Disease Control
- ___ ENTO 4123 Insect Pest Management or ENTO 4133 Advanced Applied Entomology

Group D (Agricultural Business):

- ___ AGECE 2303 Introduction to Agribusiness
- ___ AGECE 3403 Farm Business Management
- ___ AGECE 3303 Food and Agricultural Marketing or
AGECE 3373 Futures and Options Markets or
AGECE 3413 Principles of Environmental Economics or
AGECE 4313 Agricultural Business Management

3 hr Controlled Electives from approved list in AGBS minor

General Electives (17-18 hours)

120 Total hours

<p>Crop Science B.S.A. Nine-Semester Degree Program Students wishing to follow the degree plan should see page 40 in the Academic Regulations chapter for university requirements of the program.</p>	
<p>Fall Semester Year 1</p>	
3	ENGL 1013 Composition I (If exempt, see adviser for communication courses.)
3	MATH 1203 College Algebra or higher level math
4	BIOL 1543/1541L Principles of Biology and lab
3	History University Core Elective University Perspectives
13	Semester hours
<p>Spring Semester Year 1</p>	
4	CSES 2103/2101L Crop Science and lab
3-4	BIOL 1613/1611L Plant Biology and lab or CSES 1203
3	ENGL 1023 Composition II (If exempt, see adviser for communication courses.)
3	COMM 1313 Public Speaking
3	AGECE 1103 Principles of Agricultural Microeconomics
16-17	Semester hours
<p>Fall Semester Year 2</p>	
4	CHEM 1073/1071L or 1103/1101L Chemistry and lab
3	ENGL 2003 Advanced Composition or ENGL 3053 Technical & Report Writing
3	Social Science University Core Elective
3	Fine Arts/Humanities University Core Elective
2	Select one (1) course from Group A on check sheet
15	Semester hours
<p>Spring Semester Year 2</p>	
3	AGME 2903 Applications of Microcomputers or AGST 4023 Principles of Experimentation or STAT 2303 Principles of Statistics
3	Social Science University Core Elective
3	Fine Arts/Humanities University Core Elective
2	Select one (1) course from Group A on check sheet
3	BIOL 2323 General Genetics or BIOL 4303 Plant Physiology or ANSC/POSC 3123 Principles of Genetics
14	Semester hours
<p>Fall Semester Year 3</p>	
4	PLPA 3004 Principles of Plant Pathology with lab component
3	ENTO 3013 Introduction to Entomology
2-4	Select at least one (1) course from Group B on check sheet
4	CSES 2203/2201L Soil Science and lab
3	General Elective (Rec: CSES 2003 as pre-requisite for CSES 4133)
16-18	Semester hours
<p>Spring Semester Year 3</p>	
4	CHEM 2613/2611L Organic Physiological Chemistry and lab
3	Select one (1) course from Group C or Group D for a minor
6	General Elective

13 Semester hours	
Summer Semester Year 3	
3 CSES 462V Internship or CSES 400V Special Problems	
Fall Semester Year 4	
3 CSES 3023 CSES Colloquium	
3 CSES 4133 Weed Identification, Morphology & Ecology	
4 CSES 4224 Soil Fertility with lab component	
3 Select one (1) course from Group C or Group D for a minor	
3 General Elective	
16 Semester hours	
Spring Semester Year 4	
3 CSES 4013 Advanced Crop Science	
3 Select one (1) course from Group C or Group D for a minor	
6 General Electives and/or one (1) course from Group D for a minor	
1-3 General Elective	
13-15 Semester hours	
120 Total Hours	

SECTION VIII: Action Recorded by Registrar's Office

PROGRAM INVENTORY/DARS

PGRM _____ SUBJ _____ CIP _____ CRTS _____
DGRE _____ PGCT _____ OFFC&CRTY VALID _____

REPORTING CODES

PROG. DEF. _____ REQ. DEF. _____
Initials _____ Date _____

Distribution

Notification to:

- (1) College
- (2) Department
- (3) Admissions
- (4) Institutional Research
- (5) Continuing Education
- (6) Graduate School
- (7) Treasurer
- (8) Undergraduate Program Committee

8/19/13