

**DEPARTMENT OF CROP, SOIL, AND ENVIRONMENTAL SCIENCES**  
**Check Sheet for Crop Management Major (CPMGBS)**  
**2011 - 2012**

STUDENT \_\_\_\_\_ STUDENT'S ID \_\_\_\_\_ ADVISOR \_\_\_\_\_

**ENGLISH/COMMUNICATIONS (15 hrs)**

- ENGL 1013, if exempt see adviser for communication courses
- ENGL 1023, if exempt see adviser for communication courses
- ENGL 2003 or ENGL 3053
- COMM 1313
- CSES 3023 CSES Colloquium (FA / JR OR SR STANDING, COMM 1313)

**US HISTORY OR GOVERNMENT (3 hrs)**

- HIST 2003 or  HIST 2013 or  PLSC 2003

**MATHEMATICS and COMPUTER SCIENCE (6 hrs)**

- MATH 1203
- AGME 2903\* or  AGST 4023 or  STAT 2303

**PHYSICAL AND BIOLOGICAL SCIENCES (23-24 hrs)**

- BIOL 1543 and  BIOL 1541L
- BIOL 1613 and  BIOL 1611L
- CHEM 1103 and  CHEM 1101L
- CHEM 1123 and  CHEM 1121L
- CHEM 2613 and  CHEM 2611L
- BIOL 4304 or  ANSC/POSC 3123 or  BIOL 2323

**FINE ARTS AND HUMANITIES (6 hrs)**

Category A: Fine Arts

Choose one from the following courses:

- ARCH 1003 Architecture Lecture
- ARHS 1003 Art Lecture
- COMM 1003 Film Lecture
- DANC 1003 Dance
- DRAM 1003 Theater Lecture
- LARC 1003 The American Landscape
- MLIT 1003 Music Lecture

Category B: Humanities

Choose one from the following courses:

- ARCH 1013 Diversity and Design
- CLST 1003 Intro to Classical Studies: Greece
- CLST 1013 Intro to Classical Studies: Rome
- HUMN 1124H Honors Equilibrium of Cultures
- HUMN 2124H Honors 20<sup>th</sup> Century Global Culture
- HUMN 2003 Intro to Gender Studies
- PHIL2003 Introduction to Philosophy
- PHIL 2103 Introduction to Ethics
- PHIL 2203 Logic
- PHIL 3103 Ethics and the Professions
- WLIT 1113 World Literature
- WLIT 1123 World Literature II
- FLAN 2003 Any Intermediate I Foreign Language

**SOCIAL SCIENCES (9 hrs)**

AGECE 1103 Agricultural Economics (required)  
 (choose 6 hrs from the following; 3 hrs must be outside AGECE/ECON discipline)\*

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|--------------------------------------|-------------------------------------|
| <input type="checkbox"/> AGECE 2103* | <input type="checkbox"/> ANTH 1023  |
| <input type="checkbox"/> ECON 2013   | <input type="checkbox"/> ECON 2023  |
| <input type="checkbox"/> ECON 2143   | <input type="checkbox"/> GEOG 1123  |
| <input type="checkbox"/> GEOG 2003   | <input type="checkbox"/> HESC 1403  |
| <input type="checkbox"/> HESC 2413   | <input type="checkbox"/> HIST 1113  |
| <input type="checkbox"/> HIST 1123   | <input type="checkbox"/> HIST 2003  |
| <input type="checkbox"/> HIST 2013   | <input type="checkbox"/> HUMN 1114H |
| <input type="checkbox"/> HUMN 2114H  | <input type="checkbox"/> PLSC 2003  |
| <input type="checkbox"/> PLSC 2013   | <input type="checkbox"/> PLSC 2203  |
| <input type="checkbox"/> PSYC 2003   | <input type="checkbox"/> RECR 2853  |
| <input type="checkbox"/> RSOC 2603   | <input type="checkbox"/> SOCI 2013  |
| <input type="checkbox"/> SOCI 2033   |                                     |

**DEPARTMENTAL CORE (27 hrs)**

**GENERAL AGRONOMY**

(these 19 hrs are required)

- CSES 1011 Introduction to Crop, Soil, and Environmental Sciences (FA, <24 credits)
- CSES 2103 Crop Science (SP)
- CSES 2101L Crop Science Lab (SP)
- CSES 2203 Soil Science (FA, CHEM 1074 or 1103)
- CSES 2201L Soil Science Laboratory (FA)
- CSES 4013 Advanced Crop Science (SP, CSES 2103)
- CSES 4224 Soil Fertility w/Lab Component (FA, CSES 2203/2201L, CHEM 1123/1121L)
- CSES 462V Internship (Junior standing) or CSES 400V Special Problems (3 hrs)

Select 8 hours from the following two groups  
 (at least 2 courses must be from Group A)

**GROUP A**

- CSES 3113 Forage Management (SP-E, CSES 1203 or CSES 2103)
- CSES 3312 Cotton Production (FA-E, CSES 1203 or CSES 2103)
- CSES 3322 Soybean Production (SP-O, CSES 1203 or CSES 2103)
- CSES 3332 Rice Production (FA-O, CSES 1203 or CSES 2103)
- CSES 3342 Cereal Grain Production (SP-E, CSES 1203 or CSES 2103)
- HORT 2303 Intro to Turfgrass Management (FA)

**GROUP B**

- CSES 3214 Soil Resources and Nutrient Cycles (SP-O, CSES 2203, BIOL 2013/2011L)
- CSES 4103 Plant Breeding (FA-E, ANSC 3123, BIOL 2323)
- CSES 4234 Plant Anatomy (SP, BIOL 1613/1611L or BIOL 1543/1541L)
- CSES 4253 Soil Classification and Genesis (SP, CSES 2203)
- CSES 355V Soil Profile Descriptions (1-2 hrs) (FA)
- CSES 400V Special Problems (1-6 hrs)
- PLPA 4333 Biotechnology in Agriculture (FA)

**PEST MANAGEMENT (10 hrs)**

- ENTO 3013 Introduction to Entomology (FA) (BIOL 1543/1541L)
- PLPA 3004 Principles of Plant Pathology (FA)
- CSES 4133 Weed ID, Morphology & Ecology (FA, CSES 2103 or HORT 2003)

Select 9 hours from either Group C or Group D for minor  
 Students must declare minor with the Dean's office.

**GROUP C (Pest Management)\***

- CSES 4143 Principles of Weed Control (SP) (CHEM 2613/2611L)
- PLPA 4223 Plant Disease Control (FA) (PLPA 3004)
- ENTO 4123 Insect Pest Management (SP-O) (ENTO 3013)
- OR**
- ENTO 4133 (Advanced Applied Entomology SP-E) (ENTO 3013)

**GROUP D (Agricultural Business)\***

- AGECE 2303 Introduction Agribusiness (SP, FA, AGECE 1103 or ECON 2023)
- AGECE 3403 Farm Business Management (FA, AGECE 1103 or ECON 2023)
- AGECE 3303 Food and Agricultural Marketing (FA, MATH 1203 and AGECE 1103 or ECON 2023) or  AGECE 3373 (SP) or  AGECE 3413 (SP) or  AGECE 4313 (FA)

**GENERAL ELECTIVES (16-18 hrs)**

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**OTHER REQUIREMENTS FOR B.S.A. DEGREE:**

- 124 total semester hours of which:
  - 9 hrs outside the Departmental Alpha Code (CSES) within the Bumpers College
  - 39 semester hours in upper division courses
  - no more than 68 lower division transfer hours
  - no more than 25% (31 hrs) of D grades
  - 30 semester hours in Bumpers College at UA
  - 2.00 GPA

\*Students minoring in Agricultural Business should choose AGME 2903 in the MATHEMATICS and COMPUTER SCIENCE block and AGECE 2103 in the SOCIAL SCIENCES block.