

**DEPARTMENT OF CROP, SOIL, AND ENVIRONMENTAL SCIENCES**  
**Check Sheet for Environmental, Soil, and Water Science Major (ESWSBS)**  
**2002 - 2003**

STUDENT \_\_\_\_\_

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

ADVISOR \_\_\_\_\_

**COMMUNICATIONS (12-15 hrs)**

- \_\_\_ ENGL 1013
- \_\_\_ ENGL 1023
- \_\_\_ ENGL 2003 unless exempt
- \_\_\_ COMM 1313
- \_\_\_ CSES 3023, Agronomy Colloquium or a 3 hr course in written and/or oral communication

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

- \_\_\_ HIST 2003 or \_\_\_ HIST 2013 or \_\_\_ PLSC 2003

**MATHEMATICS AND STATISTICS (6 hrs)**

- \_\_\_ MATH 2043 Survey of Calculus
- \_\_\_ AGST 4023 or \_\_\_ STAT 2023 or \_\_\_ STAT 2303

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

- \_\_\_ BOTY 1613      OR      \_\_\_ CSES 1203
- and
- \_\_\_ BOTY 1611L
- \_\_\_ CHEM 1103 and      \_\_\_ CHEM 1101L
- \_\_\_ CHEM 1123 and      \_\_\_ CHEM 1121L
- \_\_\_ CHEM 2613 and      \_\_\_ CHEM 2611L
- \_\_\_ MBIO 2013 and      \_\_\_ MBIO 2011L
- \_\_\_ PHYS 2013 and      \_\_\_ PHYS 2011L

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

(choose from 2 of the following 4 areas)

- \_\_\_ ARCH 1003      \_\_\_ ARHS 1003
- \_\_\_ ARTS 1003      \_\_\_ COMM 1003
- \_\_\_ DANC 1003      \_\_\_ DRAM 1003
- \_\_\_ HUMN 1003      \_\_\_ LARC 1003
- \_\_\_ MLIT 1003
- OR
- \_\_\_ PHIL 2003      \_\_\_ PHIL 2103
- \_\_\_ PHIL 2203      \_\_\_ PHIL 3103
- OR
- \_\_\_ CLST 1003      \_\_\_ CLST 1013
- \_\_\_ ENGL 2113      \_\_\_ ENGL 2123
- \_\_\_ HUMN 1114H      \_\_\_ HUMN 1124H
- \_\_\_ WLIT 1113      \_\_\_ WLIT 1123
- OR
- \_\_\_ any foreign language 2003
- \_\_\_ HUMN 2003
- \_\_\_ HUMN 2203

**SOCIAL SCIENCES (9 hrs)**

(choose from 3 of the following disciplines)

- \_\_\_ AGECE 1103      \_\_\_ ANTH 1023
- \_\_\_ AGECE 2103      \_\_\_ ECON 2023
- \_\_\_ ECON 2013      \_\_\_ GEOG 1123
- \_\_\_ ECON 2143      \_\_\_ GEOG 2103
- \_\_\_ GEOG 2023      \_\_\_ HESC 1403
- \_\_\_ GEOG 2203      \_\_\_ HIST 1113H
- \_\_\_ HESC 2413      \_\_\_ HIST 2003
- \_\_\_ HIST 1123H      \_\_\_ PLSC 2003
- \_\_\_ HIST 2013      \_\_\_ PLSC 2203
- \_\_\_ PLSC 2013      \_\_\_ PSOC 2603
- \_\_\_ PSYC 2003      \_\_\_ SOCI 2033
- \_\_\_ SOCI 2013      \_\_\_ WCIV 1013
- \_\_\_ WCIV 1003

**DEPARTMENTAL CORE (34 HRS)**

- \_\_\_ CSES/ENSC 1012 Orientation to Crop, Soil, and Environmental Sciences
- \_\_\_ CSES 2013 Pest Management

ENVIRONMENTAL SCIENCE# (9 hrs)

- \_\_\_ ENSC 1003 Environmental Science
- AND SELECT FROM THE FOLLOWING
- \_\_\_ AGECE 3413 Principles of Environmental Economics
- \_\_\_ AGECE 4413 Econ of Environmental Management
- \_\_\_ ENSC 3023 Agricultural Waste Management
- \_\_\_ BIOL 3864 General Ecology
- \_\_\_ BIOL 4503 Ecosystem Ecology
- \_\_\_ BIOL 485V Field Biology
- \_\_\_ ENSC 3253 Septic Systems
- \_\_\_ ENSC 400V Special Problems
- \_\_\_ GEOL 1113 General Geology
- \_\_\_ GEOL 1111L General Geology Laboratory
- \_\_\_ GEOG 3003 Conservation of Natural Resources
- \_\_\_ GEOG 4543 Geographic Information Systems

SOIL SCIENCE (11 hrs)

- \_\_\_ CSES 2203 Soil Science
- \_\_\_ CSES 2201L Soil Science Laboratory
- AND SELECT FROM THE FOLLOWING
- \_\_\_ CSES 3214 Intermediate Soil Science
- \_\_\_ CSES 355V Judging Team (1-2 hrs)
- \_\_\_ CSES 4224 Soil Fertility
- \_\_\_ CSES 4253 Soil Classification and Genesis
- \_\_\_ CSES 4263 Environmental Soil Science

WATER SCIENCE# (9 hrs)

- \_\_\_ ENSC 4023 Water Quality
- AND SELECT FROM THE FOLLOWING
- \_\_\_ ENSC 3263 Environ. Soil & Water Conservation
- \_\_\_ GEOL 4033 Hydrogeology
- \_\_\_ GEOL 4043 Water Resource Issues
- \_\_\_ GEOG 4353 Elements of Weather
- \_\_\_ ZOOL 4814 Limnology

#Certain courses taken at NWACC and other Arkansas colleges and universities may be used to fulfill these requirements. See your advisor for details.

**GENERAL ELECTIVES (28-31hrs)**

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

- 124 total semester hours of which:
  - 9 hrs outside Departmental Alpha Code (ENSC) and within the Bumper's 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 Bumper's College at UA
  - 2.00 GPA

Updated 04/09/02