

B.S. PLANT AND ENVIRONMENTAL SOIL SCIENCE – CROPS EMPHASIS

CATALOG: 2019

Name: _____

UIN: _____

Date: _____

SOIL AND CROP SCIENCES REQUIRED COURSEWORK (35 OR 36 HOURS)

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|---|---|--|--|-------|--|
| SCSC 205 – Problem Solving in Plant & Soil Sys. | 3 | | Pest Management 2 – ENTO 201, SCSC 446, PLPA 301, PLPA 303 | 3 | |
| SCSC 301 – Soil Science | 4 | | Pest Management 1 – ENTO 201, 402; SCSC 446; PLPA 301, 303 | 3 / 4 | |
| SCSC 307 – Crop Biology and Physiology | 4 | | STAT 201 or STAT 302 - Statistics | 3 | |
| SCSC 309 – Water in Soils and Plants | 4 | | Ecology Elect. – SCSC 444 (preferred) or RENR 205 | 3 | |
| SCSC 481 – Senior Seminar (Writing Intensive) | 2 | | SCSC 484/491 or Study Abroad | 3 | |
| CHEM 222 – Elements of Org. and Biol. Chem. | 3 | | | | |

CROPS EMPHASIS COURSEWORK (25 HOURS)

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|--|---|--|---|---|--|
| SCSC 304 – Plant Breeding & Genetics | 3 | | SCSC 441 – Crop Production Systems | 3 | |
| SCSC 311 – Principles of Crop Production (Writing Intensive 900 Section) | 3 | | SCSC Directed Elective (HORT 201, 3xx or 4xx SCSC Prefix) | 3 | |
| SCSC 402 – Crop Stress Management | 4 | | SCSC Directed Elective (HORT 201, 3xx or 4xx SCSC Prefix) | 3 | |
| SCSC 410 – International Agriculture Systems (Writing Intensive 900 Section) | 3 | | SCSC Directed Elective (HORT 201, 3xx or 4xx SCSC Prefix) | 3 | |

GENERAL ELECTIVES (17 OR 18 HRS)

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|------|---|--|------|---|--|
| ELEC | 3 | | ELEC | 3 | |
| ELEC | 3 | | ELEC | 3 | |
| ELEC | 3 | | ELEC | 3 | |

UNIVERSITY CORE CURRICULUM (UCC) (42 Hrs)

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|---|---|--|--|---|--|
| COMMUNICATION (6 hrs) | | | LANGUAGE, PHILOSOPHY & CULTURE (3 hrs) | | |
| COMM 203 (SPCH 1315) – Public Speaking | 3 | | UCC Elective* (Select course that double counts as International & Cultural Diversity) | 3 | |
| UCC Elective* | 3 | | CREATIVE ARTS (3 hrs) | | |
| MATHEMATICS (6 hrs) | | | UCC Elective* (Select course that double counts as International & Cultural Diversity) | 3 | |
| MATH 140 (1324), 141, or 151 (2413) or 166 (1332) | 3 | | SOCIAL & BEHAVIORAL SCIENCE (3 hrs) | | |
| MATH 142 (1325) or 152 (2414) or 167 | 3 | | AGEC 105 | 3 | |
| NATURAL SCIENCES (9 hrs) | | | AMERICAN HISTORY (6 hrs) | | |
| BIOL 101 or 111 (BIOL 1411 or 1406) | 4 | | UCC Elective* | 3 | |
| CHEM 101/111 or 119 (CHEM 1411) | 4 | | UCC Elective* | 3 | |
| UCC Elective* | 1 | | POLITICAL SCIENCE (6 hrs) | | |
| | | | POLS 206 (GOVT 2305) – American National Govt | 3 | |
| | | | POLS 207 (GOVT 2306) – State and Local Govt | 3 | |

ADDITIONAL REQUIREMENTS

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|------------------------------------|---|--|---|--|---|
| International & Cultural Diversity | 3 | | 2 terms of college foreign language or 2 years of high school | | 2 Writing Intensive Courses (900 Section of SCSC 481, SCSC 311, and SCSC 410) |
| Cultural Discourse | 3 | | | | |

36 Hours of 300-400 Level Courses at TAMU

120 Total Degree Hours

UCC Elective * (University Core Curriculum) requirements and electives, use the current Texas A&M University Catalog available at <http://core.tamu.edu>.