



COLLEGE OF AGRICULTURAL SCIENCES & NATURAL RESOURCES
OKLAHOMA STATE UNIVERSITY

Requirements for Students [Matriculating](#) in or before Academic Year 2013-2014

BACHELOR of SCIENCE in AGRICULTURAL SCIENCES and NATURAL RESOURCES

MAJOR: Plant and Soil Sciences Option: Plant Biotechnology and Improvement

Minimum Overall Grade Point Average: 2.00
(cumulative graduation/retention GPA)

Total Hours: 120

Other GPA requirements see below.

| GENERAL EDUCATION REQUIREMENTS: 44 HOURS | | | MAJOR REQUIREMENTS: 69 HOURS | |
|--|-------|---|--|---|
| Area | Hours | To be selected from: | | |
| English Composition & Oral Communication | 6 | ENGL 1113 or 1313; & 1213 or 1413 or 3323 (See Academic Regulation 3.5 in Catalog) | Core Courses 58 Hours | |
| American History & Government | 6 | HIST 1103; POLS 1113 | BOT | 1404, 3463 |
| Analytical & Quantitative Thought (A) | 7 | MATH 2144*, STAT 2013* | CHEM | 3053 |
| Humanities (H) | 6 | Any course designated (H) | PLNT | 1101, 1213, 2013, 2041, 3554, 4353, 4571, 4990(3hr) |
| Natural Sciences (N) | 13 | BIOL 1114*; CHEM 1314*, CHEM 1515* | PLNT | 4123 or 4673 |
| Social & Behavioral Sciences (S) | 6 | AGEC 1113*; SPCH 2713* or 3733* | MICR | 2123, 2132 |
| Diversity (D) | -- | Any course designated (D) | PHYS | 1114 |
| International Dimension (I) | -- | Any course designated (I) | SOIL | 2124, 4234, 4483 |
| Scientific Investigation (L) | -- | Met by either BIOL 1114 or CHEM 1314 | BIOC | 3713 |
| *College & Departmental requirements that may be used to meet GE requirements. | | | PLP | 3343 |
| COLLEGE/DEPARTMENTAL REQUIREMENTS: 7 HOURS | | | Choose one Emphasis area 11 Hours | |
| Agricultural Sciences and Natural Resources | 4 | AG 1011, ENTO 2993 | Biochemistry Emphasis: (Biochemistry Minor) | |
| Written Communications | 3 | ENGL 3323 (If ENGL 3323 is substituted for ENGL 1213 above, hours in this block are zero, and 3 hours are added to the electives) | BIOC 3723, 3813 | |
| | | | CHEM 3153 | |
| | | | 2 hours upper-division BIOC, PLNT or SOIL | |
| | | | Botany Emphasis: (Botany Minor) | |
| | | | BOT 3005 or 3114 | |
| | | | 3 hours upper division BOT | |
| | | | 3 or 4 hours upper-division BOT, PLNT or SOIL | |
| | | | Microbiology Emphasis: (Microbiology Minor) | |
| | | | MICR 3223 | |
| | | | 8 hours upper-division MICR (excluding MICR 3103) | |
| | | | Pre-Professional Emphasis | |
| | | | 11 hours electives (at least 6 upper division) | |
| | | | ELECTIVES: 0 HOURS | |
| | | | Hours to complete required total. | |

Other Requirements:

A minimum of 40 semester credit hours of General Education is required. Exit interview with Head of Department of Plant and Soil Sciences. A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above. A 2.00 GPA or higher in upper-division hours. No more than 60 hours may be transferred from a two-year program.

Additional State/OSU Requirements – At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU. Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.

Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation. Degrees that follow this plan must be completed by the end of Summer 2019.

Signature on file in the Office of the Registrar

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DEAN

DEPARTMENT HEAD
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