

AGRICULTURAL SCIENCES – PLANT AND SOIL SCIENCES OPTION

(Note: Program requirements for this degree are offered on NOC Tonkawa campus only.

At the beginning of each course listing, the four letter abbreviation indicates the department and the four digits indicate the course code used for enrollment. The total course hour value follows each.)

Program Requirements General Education Courses - 37 Total Credit Hours English Composition Courses ENGL 1113 English Composition I 3 hours ENGL 1213 English Composition II 3 hours History & Government Courses HIST 1483 Amer. History to 1877 3 hours (or) HIST 1493 Amer. History Since 1877 POLI 1113 American Government 3 hours Humanities Courses Electives 6 hours One 3 hour course to be chosen from those listed with the International Dimension and 3 hours of humanities electives. Mathematics Courses MATH 1483 Math Functions 3 hours (or) MATH 1513 Algebra for STEM Science Courses BISI 1114 General Biology 4 hours (or) BISI 1124 Gen Bio for Majors CHEM 1315 General Chemistry I 5 hours Computer Science Courses BSAD 1113 Digital/Financial Literacy 3 hours (or other approved computer course) Orientation Courses ORNT 1101 Freshman Orientation 1 hour General Education Elective Courses 3 hours Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences. It is advised that if a student takes a three credit hour course to apply to this requirement, the fourth credit hour may be counted from the overage hours taken from the Recommended Program electives below. Program Requirement Courses - 18 Total Hours **AGRI 1113 Agriculture Economics 3 hours **AGRI 1124 Intro to Animal Science 4 hours **AGRI 1223 Intro to Plant/Soil Science 3 hours **AGRI 2124 Fundamentals of Soil Science 4 hours **BISI 1314 General Botany 4 hours <i>Substitutions may be made with prior approval.</i> Recommended Program Elective Courses - 5 Total Hours **CHEM 1414 General Chemistry II 4 hours **BISI 2024 Entomology 4 hours SPCH 1713 Intro to Oral Communication 3 hours ACCT 2103 Accounting I-Financial 3 hours PRVD 1101 Intro to Research 1 hour PRVD 2321 Prof. Development 1 hour AGRI 1013 Introduction to Horticulture 3 hours **AGRI 2103 Agriculture Leadership 3 hours **AGRI 2123 Livestock Feeding 3 hours **AGRI 2222 Live Animal Evaluation 2 hours AGRI 2523 Intro to Sheep Prod. & Mgmt 3 hours MATH 2023 Elementary Statistics 3 hours Total Credit Hours 60 hours	Suggested Course Sequence: First Semester 15 Total Credit Hours ENGL 1113 English Composition I 3 hours MATH 1483 Math Functions 3 hours ORNT 1101 Freshman Orientation 1 hour AGRI 1124 Intro to Animal Sciences 4 hours BISI 1114 General Biology 4 hours (or) BISI 1124 Gen Bio for Majors Second Semester 17 Total Credit Hours ENGL 1213 English Composition II 3 hours HIST 1483 Amer. History to 1877 3 hours (or) HIST 1493 Amer. History Since 1877 BSAD 1113 Digital/Financial Literac 3 hours CHEM 1315 General Chemistry I 5 hours SPCH 1713 Intro to Oral Communication (program elective) 3 hours Third Semester 16 Total Credit Hours Humanities Elective 3 hours POLI 1113 American Government 3 hours AGRI 1113 Agricultural Economics 3 hours AGRI 1223 Intro to Plant/Soil Science 3 hours BISI 1314 General Botany 4 hours Fourth Semester 12 Total Credit Hours Humanities Elective 3 hours AGRI 2124 Fund. of Soil Science 4 hours *Program/Gen Ed Electives (2 courses) 5 hours <i>*Hours from recommended program electives and general education electives in Science may be combined for final 8 hours required to graduate.</i> <i>This is a suggested sequence timeline only. A student may require more than four semesters to complete an Associate in Science degree.</i> <i>**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.</i>	This Associate in Science degree program in Agricultural Sciences consists of 60 hours designed to provide the student with the first two years of general requirements. The program is designed for seamless transfer to the Bachelor in Science degree in Agriculture Education, Animal Science, Animal Production, or Agriculture Ecology and includes courses generally completed in the first two years of a baccalaureate degree program. Students should consult the catalog of the college or university to which they plan to transfer and carefully select courses which will meet requirements for both associate and bachelor's degree programs. The agricultural sciences program prepares students interested in animal science, animal production, agribusiness, food science, and agriculture education for transfer to four-year institutions. The foundations of scientific- and business-based agricultural practices are explored. Career Opportunities Nursery or Landscape Crop Production Farming Horticulture NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by A.C.T. test scores or by Accuplacer test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, students may be required to take one or more courses for remediation in English, Math, or Reading, either prior to or concurrent with credit courses. See the NOC testing web page by clicking on the following link: http://www.noc.edu/act for placement guidelines.
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