PRE-AGRICULTURAL SCIENCES - TRANSFER PROGRAM

Students who successfully complete this program may enter CASNR to study in a program of their choice that leads to a Bachelor of Science or a Bachelor of Arts degree.

Degrees for four-year programs include agribusiness, agricultural economics, agricultural education, agricultural & environmental sciences communication, agronomy, animal science, applied science, biochemistry, forensic science, grazing livestock systems, hospitality, restaurant & tourism management (bachelor of arts), insect science, integrated science, mechanized systems management, microbiology, plant biology, PGA golf management, veterinary science, and veterinary technology.

Requirements

The following suggested program of study fulfills the minimum requirements for the first four semesters of any agricultural sciences degree program. Since degree program requirements vary, students are expected to work closely with UNL advisors to ensure appropriate course selection.

Degree Requirements

Course | Title | Credits
--- | --- | ---
**First Year**
**First Semester**
BIOL 1020 or BIOL 1450 | PRINCIPLES OF BIOLOGY or BIOLOGY I | 5
Select one of the following: | 3
ENGL 1150 or ENGL 1154 | ENGLISH COMPOSITION I or ENGLISH COMPOSITION I | 3
ENGL 1160 or ENGL 1164 | ENGLISH COMPOSITION II or ENGLISH COMPOSITION II | 3
MATH 1320 | COLLEGE ALGEBRA | 3
ACE 5 Course (History, Humanities) Elective | 3
Emphasis Elective | 3
**Credits** | 17
**Second Semester**
Select one of the following: | 4-5
CHEM 1180 & CHEM 1184 | GENERAL CHEMISTRY I and GENERAL CHEMISTRY I LABORATORY | 3
CHEM 1140 & CHEM 1144 | FUNDAMENTALS OF COLLEGE CHEMISTRY and FUNDAMENTALS OF COLLEGE CHEMISTRY LABORATORY | 3
MATH 1330 | TRIGONOMETRY | 3
CMST 1110 | PUBLIC SPEAKING FUNDS | 3
ACE 8 Course (Ethics, Stewardship) Elective | 3
Emphasis Elective | 3-5
**Credits** | 16-19
**Second Year**
**First Semester**
Select one of the following: | 3-5
BIOL 1750 | BIOLOGY II | 3
ECON 2200 | PRINCIPLES OF ECONOMICS (MICRO) | 3
Select one of the following: | 5
**Credits** | 15-17
**Second Semester**
Emphasis Elective | 3
Select one of the following: | 3-5
MATH 1530 | INTRODUCTION TO APPLIED PROBABILITY AND STATISTICS | 3
MATH 1930 | CALCULUS FOR THE MANAGERIAL, LIFE, AND SOCIAL SCIENCES | 3
MATH 1950 | CALCULUS I | 3
Emphasis Elective | 4
ACE 7 Course (Arts) Elective | 3
ACE 9 (Global Awareness) Elective | 3
**Credits** | 16-18
**Total Credits** | 64-71

Additional Information

Requirements for natural sciences vary among degree programs, and not all programs require biology, chemistry and physics (some minimally require courses from two of the three science areas). Please verify specific requirements with a CASNR advisor and/or the UNL Catalog before selecting natural sciences courses.

**Biology Requirements**

Majors vary in biology course sequence and availability of equivalent courses at UNO. Please verify specific requirements.

Hours earned in MATH 1320 will not count toward the mathematics requirements for UNL CASNR. Students are encouraged to use MATH 1320 as a free elective for their UNL CASNR program of study if they have an algebra deficiency. Students should complete their mathematics sequence at UNO. Since certain majors require calculus, the student is encouraged to review the UNL Undergraduate Bulletin for requirements in specific degrees of interest.

**Emphasis Electives**

Students in the Pre-Agricultural Sciences Program may select from a variety of degrees. Some emphasize the social sciences while others emphasize the physical and biological sciences in the first two years. The student is encouraged to review the UNL Undergraduate Bulletin to identify the appropriate "Emphasis Elective" for their degrees of interest.

**Economics**

Two semesters of economics (macro and micro) are not required in all agricultural sciences majors. For majors that require only one semester of economics, the second course can count as an ACE 8 requirement.