

AS.0100 Agricultural Science – Pre (61 Credits)

Associate of Science
Scottsbluff

Description

The Agricultural Science emphasis area is designed to provide the student with a course of study that will allow him/her the opportunity to complete an A.S. degree at WNCC as well as provide the first two years of course work for articulation with the College of Agricultural Sciences and Natural Resources at the university of Nebraska, Lincoln, toward a Bachelor of Science in Applied Science.

The Bachelor's-level work through UNL is offered through on-site and online options, affording site-bound students an opportunity to complete a bachelor's degree program at home.

Objectives

- Provide a basic knowledge of the natural sciences so that the student can develop an understanding of biological, physical, and chemical nature of agriculture and agriculturally related fields.
- Provide basic knowledge of economics and the role of agribusiness in the global economy.
- Provide the student with a foundation of communication skills and working background in social sciences that will allow the student to work collaboratively.

Notes

- Students who plan to transfer to UNL should consult their faculty advisor and the transfer advisor early in their WNCC enrollment to determine their curriculum. Careful consideration should be given the course requirements of the Applied Science program at UNL to which the student is seeking admission.
- Social Science electives that satisfy WNCC social science requirements may be chosen from the following disciplines: ANTH, GEOG, HIST, POLS, PSYC, or SOCI.
- UNL equivalent course numbers appear in parenthesis.

Recommended Plan of Study:**First Semester**

BIOS 1010 (BIOS 101/101L)	General Biology	4
PHED XXXX (Non-degree applicable)	Physical Education	1
ENGL 1010 (ENGL 151)	English Composition 1	3
ECON 2230 (ECON 212)	Prin Econ – Micro	3
PRDV 1000 (Free Elective)	Achieving College Success	1
MATH 1150 (MATH 101)	College Algebra (MATH 101 for 3 cr., 1 cr. Non-degree applicable)	4
Total Semester Credits		16

Second Semester

SPCH 1200 (COMM 109)	Human Communications	
or		
SPCH 1390 (COMM 209)	Public Speaking*	3
BIOS 1380 (BIOS 112/112L)	General Zoology	4
BIOS 2460 (BIOS 111)	Microbiology	4
MATH 1210 (MATH 102)	Trigonometry (MATH 102 for 2 cr., 1 cr. Non-degree applicable)	3
PHED XXXX (Non-degree applicable)	Physical Education	1
	Total Semester Credits	15

Third Semester

PHYS 1300 (PHYS 141)	Physics 1	5
ENGL 1550 (ENGL 101)	English Composition 2	3
CHEM 1600 (CHEM 109)	General Chemistry I	4
BIOS 2120 (BIOS 206)	Genetics	4
	Total Semester Credits	16

Fourth Semester

STAT 1100 (STAT 218)	Applied Statistics	3
ECON 2260 (ECON 211)	Prin Econ—Macro	3
CHEM 1640 (CHEM 110)	General Chemistry II	4
BIOS 1300 (BIOS 109)	General Botany	4
	Total Semester Credits	14
	Total Program Credits	61

***Advising Note: UNL prefers SPCH 1390 Public Speaking.**

****Advising Note: UNL will accept 60 hours toward the eventual Bachelor of Science in Applied Science. College Algebra transfers as three hours rather than four, Trigonometry transfers as two hours rather than three, the Physical Education credits will not transfer to UNL but are required by WNCC for the A.S. degree.**

****Advising Note: UNL requires additional ACE Electives. These can be taken through UNL as soon as students apply for and are accepted for admission to UNL. These can also be taken while at WNCC. Courses offered at WNCC that satisfy the UNL ACE 9 requirement are GEOG 2060 (GEOG 140), HIST 2100 (HIST 120), HIST 2110 (HIST 121), and POLS 2390 (POLS 160).**

****Advising Note: Students who intend to transfer to UNL should be encouraged to apply for admission early in their program. ACE elective classes can be taken through UNL during their time at WNCC to lessen the credit load in the fourth semester and additionally guarantee maximum credit transfer.**

Recommended additions to the program should time allow:

INFO 1098 Introduction to Online Learning (one credit hour)

BIOS 2000 Introduction to Scientific Research (one credit hour)

BIOS 1401 Internship (any available opportunity that would exist at the UNL Extension Service)