

**University of Nebraska - Lincoln (UNL)
Transfer Guides for Community Colleges**

Achievement Centered Education (ACE)

Central Community College (All Campuses) College of Agricultural Sciences and Natural Resources

Transfer Guide for Central Community College (All Campuses), UNL College of Agricultural Sciences and Natural Resources. Guide revised Fall 2011. CONFIRM YOUR COURSE SELECTIONS WITH A UNL COLLEGE ADVISER!

Students anticipating transferring to UNL's College of Agricultural Sciences and Natural Resources may use this guide for selecting Central Community College (All Campuses) courses. Check the UNL Bulletin for information about specific curriculum requirements or check the website at CASNR (<http://casnr.unl.edu>). This guide incorporates the degree requirements as stated in the University Bulletin (<http://bulletin.unl.edu/undergraduate/>). Degree requirements may change each academic year. Students interested in transferring to UNL should communicate regularly with a UNL academic adviser to confirm course selections. To contact an academic adviser in the College of Agricultural Sciences and Natural Resources call (1-402-472-2201); ask for TRANSFER ASSISTANCE. To facilitate the transfer of credit, all grades should be a "C" or higher. The University of Nebraska - Lincoln applies a maximum of 66 semester hours (99 quarter hours) in transfer from community colleges toward a UNL degree.

IMPORTANT CHANGE: Beginning Fall Semester 2012 UNL will apply 60 semester hours or 90 quarter hours from community colleges toward a UNL degree.

NOTE: Agricultural Journalism majors should work with a UNL adviser in selecting courses. Students interested in Pre-Forestry and in the Veterinary Medicine Preprofessional Program should consult an UNL adviser as these are not degree programs on the UNL campus.

Achievement-Centered Education (ACE) is the UNL general education curriculum. Students must complete at least one 3 hour course to meet the ACE outcome described below. A course may only apply to one outcome. Following is a list of ACE courses recommended for students planning on majoring in this UNL college. The transfer guides vary significantly by UNL college. Thus students considering more than one major should consult the guides for all of the colleges they are considering. Courses may apply to only one ACE outcome. The UNL course numbers are in [] behind the credit hours:

ACE 1 (3 semester hours minimum): Write texts, in various forms, with an identified purpose, that respond to specific audience needs, incorporate research or existing knowledge, and use applicable documentation and appropriate conventions of format and structure. If your school does not offer courses for the ACE 1 requirement, take the requirement at UNL.

- ENGL 1010 English Composition (3) [ENGL150]
- ENGL 1020 Writing & Research (3) [ENGL151]
- ENGL 1230 Business Communication (3) [JGEN120]
- ACE 2 (3 semester hours): Demonstrate communication competence in one or more of the following ways: (a) by making oral presentations with supporting materials, (b) by leading and participating in problem-solving teams, (c) by employing a repertoire of communication skills for developing and maintaining professional and personal relationships, or (d) by creating and interpreting visual information. If your school does not offer courses for the ACE 2 requirement, take the requirement at UNL.

- SPCH 1400 Oral Communication (3) [COMM109]
- SPCH 1110 Public Speaking (3) [COMM209]
- ACE 3 (3 semester hours minimum): Use mathematical, computational, statistical, or formal reasoning (including reasoning based on principles of logic) to solve problems, draw inferences, and determine reasonableness. The math requirement for this college varies by major. Many majors require minimally the equivalent of Stat 218 (Statistics) OR Econ 215 (Statistics) AND Math 102 (Trigonometry; NOT AN ACE COURSE). Students who want to keep their major options open should complete the equivalent of Math 106 (Analytic Geometry and Calculus I). If your school does not offer courses for the ACE 3 requirement, take the requirement at UNL. Note: Only one of Math 104-Calculus for Managerial and Social Sciences and Math 106-Analytic Geometry and Calculus I equivalency will count toward UNL degree hours.

- MATH 2040 Applied Calculus (3) [MATH104]
- MATH 2060 Analytic Geometry & Calculus I (5) [MATH106]
- MATH 2070 Analytic Geometry & Calculus II (5) [MATH107]
- MATH 2080 Analytic Geometry & Calculus III (4) [MATH208]
- MATH 2210 Differential Equations (3) [MATH221]
- MATH 2020 Applied Statistics (3) [STAT218]
- ACE 4 (3 semester hours minimum): Use scientific methods and knowledge of the natural and physical world to address problems through inquiry, interpretation, analysis, and the making of inferences from data, to determine whether conclusions or solutions are reasonable. Although the ACE program requires only 3 hours of science, most majors in this college require 4 hours of chemistry and additional hours in the biological sciences. We recommend students complete the equivalent of CHEM 109 and BIOS 101. Majors in this college are science intensive. Contact an UNL adviser for additional science requirements. If your school does not offer courses for the ACE 4 requirement, take the requirement at UNL. Majors in this college require additional science.

- AGRI 1310 Crop Science (4) [AGRO131 AND 132]
- AGRI 1320 AND 1330 Corn Production (3) & Soybean Production (3) [AGRO131 AND 132]
- BIOS 1010 General Biology (4) [BIOS101 AND 101L]
- CHEM 1090 General Chemistry I (4) [CHEM109]
- CHEM 1100 General Chemistry II (4) [CHEM110]
- PHYS 1410 General Physics I (5) [PHYS141]
- PHYS 1420 General Physics II (5) [PHYS142]
- PHYS 2110 General Physics I w/calculus (5) [PHYS211 and 221]
- PHYS 2120 General Physics II w/calculus (5) [PHYS212 AND 222]
- ACE 5 (3 semester hours minimum): Use knowledge, historical perspectives, analysis, interpretation, critical evaluation, and the standards of evidence appropriate to the humanities to address problems and issues. If your school does not offer courses for the ACE 5 requirement, take the requirement at UNL.

- ENGL 2100 Intro to Literature (3) [ENGL180]
- ENGL 2340 American Literature (3) [ENGL261]
- HIST 1000 Western Civilization to 1700 (3) [HIST100]
- HIST 1010 Western Civilization after 1700 (3) [HIST101]
- HIST 2010 American History to 1877 (3) [HIST110 (previously 201)]
- HIST 2020 American History After 1877 (3) [HIST111 (previously 202)]
- PHIL 1010 Intro to Philosophy (3) [PHIL101]
- PHIL 2650 Introduction to Ethics (3) [PHIL220]

- ACE 6 (3 semester hours): Use knowledge, theories, methods, and historical perspectives appropriate to the social sciences to understand and evaluate human behavior. If your school does not offer courses for the ACE 6 requirement, take the requirement at UNL.
- AGRI 1410 Agricultural Economics (3) [AECN141]
- ECON 2110 Principles of Macroeconomics (3) [ECON211]
- ECON 2120 Principles of Microeconomics (3) [ECON212]
- ACE 7 (3 semester hours): Use knowledge, theories, or methods appropriate to the arts to understand their context and significance. Students in the Horticulture Degree Program are required to take HORT 200. If your school does not offer courses for the ACE 7 requirement, take the requirement at UNL.
- MUSC 1010 Intro to Music (3) [MUNM276G]
- MUSC 2700 History of Jazz (3) [MUNM387]
- THEA 1010 Intro to Theatre (3) [THEA112G]
- ACE 8 (3 semester hours): Explain ethical principles, civics, and stewardship, and their importance to society. If your school does not offer courses for the ACE 8 requirement, take the requirement at UNL.
- ECON 2110 Principles of Macroeconomics (3) [ECON211]
- ECON 2120 Principles of Microeconomics (3) [ECON212]
- PHIL 1010 Intro to Philosophy (3) [PHIL101]
- POLS 1000 American Government (3) [POLS100]
- ACE 9 (3 semester hours): Exhibit global awareness or knowledge of human diversity through analysis of an issue. If your school does not offer courses for the ACE 9 requirement, take the requirement at UNL.
- ANTH 1100 Introduction to Anthropology (3) [ANTH110]
- BIOS 1060 Environmental Science (3) [GEOG181]
- GEOG 1400 Cultural Geography (3) [GEOG140]
- HIST 1700 World Civilizations To 1500 (3) [HIST120]
- HIST 1710 World Civilizations after 1500 (3) [HIST121]
- PHIL 2610 Comparative Religions (3) [RELG108]
- POLS 1600 International Relations (3) [POLS160]
- SOCI 2010 Social Problems (3) [SOCI201]
- SOCI 2150 Issues of Unity & Diversity (3) [SOCI217]
- SOCI 2160 Marriage and Family (3) [SOCI225]
- FOREIGN LANGUAGE: The College of Agricultural Sciences and Natural Resources does not have a foreign language requirement beyond the UNL Admission requirement.

If your school does not offer courses for this requirement, take the requirement at UNL.

ADDITIONAL COURSE RECOMMENDATIONS: See the on-line University Bulletin or the major list (<http://www.unl.edu/ous/tranmajor.shtml>) to identify specific major courses.

If your school does not offer courses for this requirement, take the requirement at UNL.

ADVISER NOTES: Majors in the Agricultural Sciences and Natural Resources College are science intensive. Students should recognize that if they complete all of their ACE requirements at the community college, many of the remaining hours are science courses (many have labs).

If your school does not offer courses for this requirement, take the requirement at UNL.