

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

Achievement Centered Education (ACE)

Johnson County Community College College of Agricultural Sciences and Natural Resources

Transfer Guide for Johnson County Community College, 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 Johnson County Community College 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 121 Composition I (3) [ENGL150]

ENGL 122 Composition II (3) [ENGL151]

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.

SPD 125 Personal Communication (3) [COMM109]

SPD 121 Public Speaking (3) [COMM209]

SPD 128 Business and Professional Speech (3) [COMM286]

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 231 Business & Applied Calculus I (3) [MATH104]

MATH 237 Calculus for Biology & Medicine (5) [MATH104]

MATH 241 Calculus I (5) [MATH106]

MATH 242 Calculus II (5) [MATH107]

MATH 181 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.

BIOL 122 Principles of Biology (3) [BIOS101]

BIOL 135 Principles of Cell & Molecular Biology (4) [BIOS102]

BIOL 150 Biology of Organisms (5) [BIOS103]

CHEM 124 and 125 General Chemistry (4) and Lab (1) [CHEM109]

PHYS 130 General Physics I (5) [PHYS141]

PHYS 131 General Physics II (5) [PHYS142]

PHYS 220 Engineering Physics I (5) [PHYS211 and 221]

PHYS 221 Engineering Physics II (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.

HIST 125 Western Civilization: Readings & Discussion I (3) [HIST100]

HIST 126 Western Civilization: Readings & Discussion II (3) [HIST101]

HIST 140 US History to 1877 (3) [HIST110 (previously 201)]

HIST 141 US History Since 1877 (3) [HIST111 (previously 202)]

PHIL 121 Intro to Philosophy (3) [PHIL101]

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.

ECON 132 Survey of Economics (3) [ECON211]

ECON 230 Economics I (3) [ECON211]

ECON 231 Economics II (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.

ARTH 180 Art History - Ancient to Renaissance (3) [AHIS101]

ARTH 182 Art History - Renaissance to Modern (3) [AHIS102]

MUS 121 Intro to Music Listening (3) [MUNM276G]

MUS 126 Intro to World Music (3) [MUNM280]

MUS 128 History of Rock and Roll (3) [MUNM287]

THEA 120 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 132 Survey of Economics (3) [ECON211]

ECON 230 Economics I (3) [ECON211]

ECON 231 Economics II (3) [ECON212]

PHIL 121 Intro to Philosophy (3) [PHIL101]

POLS 124 American National 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.

BIOL 130 Environmental Science (3) [GEOG181]

GEOS 145 World Regional Geography (3) [GEOG272]

HIST 151 World History I: Traditional World (3) [HIST120]

HIST 152 World History II: Modern World (3) [HIST121]

MUS 126 Intro to World Music (3) [MUNM280]

POLS 135 International Relations (3) [POLS160]

REL 120 Exploring World Religions (3) [RELG108]

SOC 125 Social Problems (3) [SOC1201]

SOC 131 Marriage and Family (3) [SOC1225]

SPD 180 Intercultural Communication (3) [COMM211]

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.