

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

Achievement Centered Education (ACE)

# Central Community College (All Campuses) College of Arts and Sciences

Transfer Guide for Central Community College (All Campuses), University of Nebraska-Lincoln College of Arts and Sciences. Guide revised Fall 2011. CONFIRM YOUR COURSE SELECTIONS WITH A UNL COLLEGE ADVISER!

Students anticipating transferring to the University of Nebraska-Lincoln's College of Arts and Sciences (BA or BS degree) may use this guide for selecting Central Community College (All Campuses) courses. Check the UNL Bulletin (<http://bulletin.unl.edu/undergraduate/>) for information about specific curriculum requirements or check the Arts and Sciences Advising Center website (<http://ascweb.unl.edu/advisingcenter.html>). 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 Arts and Sciences Undergraduate Advising Office call (402-472-4190) or email us at [asadvisingcenter2@unl.edu](mailto:asadvisingcenter2@unl.edu). 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 (90 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: The Bachelor of Science degree requires completion of 60 semester hours of math (calculus and above) and natural and physical sciences.

NOTE TO PRE-HEALTH STUDENTS: Students planning to continue their education to pursue careers in the health sciences should consider taking Analytical Calculus for ACE requirements to ensure the proper math requirement is completed. Pre-health students are encouraged to take English Composition for ACE 1 and College Distribution Requirement A as many health programs require English Composition.

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. 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.

NOTE: The College of Arts & Sciences requires additional general education courses. See Distribution Requirements at the end of the list of UNL Colleges.

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. An additional course from this list is needed for the college distribution requirements. 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 minimum): 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.

ARTS 1450 Design I (2) [ARTP140A]  
ARTS 2330 Color Theory (2) [ARTP141A]  
EIGT 1450 Design I (2) [ARTP140A]  
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. 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. Bachelor of Science students must complete the Scientific Base which is 60 semester hours of science and math (the equivalent of UNL's Calculus or higher) including one hour of lab. See additional notes about the math and science requirements in this document. Refer to the UNL Undergraduate Bulletin to determine the most appropriate courses to meet the science requirement. If your school does not offer courses for the ACE 3 requirement, take the requirement at UNL.

BSAD 2020 Business Statistics (3) [ECON215]  
INFO 2830 C++ Programming (3) [CSCE155A]  
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: Minimum of 3 semester hours. 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. Note that only one of CHEM 105-Chemistry in Context I and CHEM 109-General Chemistry I equivalent will apply toward a UNL degree. Note: Bachelor of Science students must complete the Scientific Base which is 60 semester hours of science and math (the equivalent of UNL's Calculus or higher) including one hour of lab. See additional notes about the math and science requirements in this document. If your school does not offer courses for the ACE 4 requirement, take the requirement at UNL.

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 1050 Elements of Chemistry (4) [CHEM105]  
CHEM 1090 General Chemistry I (4) [CHEM109]  
CHEM 1100 General Chemistry II (4) [CHEM110]  
PHYS 1500 Introduction to Physical Geography with Lab (4) [GEOG155]  
PHYS 1570 Physical Geology (3) [GEOL100]  
PHYS 2010 Meteorology-Intro to Atmosphere (4) [METR200]  
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 minimum): 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]  
ANTH 1100 Introduction to Anthropology (3) [ANTH110]  
BIOS 1060 Environmental Science (3) [GEOG181]  
BSAD 2540 Principles of Management (3) [MNGT320]  
CRIM 1010 Introduction to Criminal Justice (3) [CRIM101]  
ECED 2050 Children with Exceptionalities [SPED201]  
ECON 2110 Principles of Macroeconomics (3) [ECON211]  
ECON 2120 Principles of Microeconomics (3) [ECON212]  
EDUC 2000 Fundamentals of Ed Psyc (3) [EDPS362]  
ENTR 1050 Intro Entrepreneurship (3) [ENTR121]  
POLS 1000 American Government (3) [POLS100]  
PSYC 1810 Introduction to Psychology (3) [PSYC181]  
PSYC 2120 Social Psychology (3) [PSYC288]  
PSYC 2890 Developmental Psychology (3) [PSYC289]  
SOC1 1010 Intro to Sociology (3) [SOC1101]  
SOC1 2010 Social Problems (3) [SOC1201]  
SOC1 2150 Issues of Unity & Diversity (3) [SOC1217]  
SOC1 2160 Marriage and Family (3) [SOC1225]  
ACE 7 (3 semester hours minimum): Use knowledge, theories, or methods appropriate to the arts to understand their context and significance. 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 minimum): 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 minimum): 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]  
SOC1 2010 Social Problems (3) [SOC1201]  
SOC1 2150 Issues of Unity & Diversity (3) [SOC1217]  
SOC1 2160 Marriage and Family (3) [SOC1225]  
FOREIGN LANGUAGE: See College Distribution Requirements for details of the language requirement.

SPAN 1010 Beginning Spanish I (5) [SPAN101]  
SPAN 1020 Beginning Spanish II (5) [SPAN102]  
SPAN 2010 Intermediate Spanish I (3) [SPAN201]  
SPAN 2020 Intermediate Spanish II (3) [SPAN202]  
SPAN 2100 Intensive Writing in Spanish (3) [SPAN204]  
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. Also see College Distribution Requirements for additional Arts & Sciences College Requirements. Bachelor of Arts students must complete 7 semester hours of math and science (beyond the minimum 3 semester hour ACE 3 and 3 semester hour ACE 4 requirement), including at least 1 lab science course. Bachelor of Science students must complete the Scientific Base which is 60 semester hours of science and math (the equivalent of UNL's Calculus or higher) including one hour of lab. Science courses should be selected from 2 different departments from the disciplines of: Biochemistry, Biological Sciences, Chemistry, Computer Science and Engineering, Geosciences, Physics and Astronomy (see the ACE 4 list in this document).

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

ADVISER NOTES: Bachelor of Science students who cannot complete their beginning major courses on your campus may have sequencing issues once they transfer if they complete all of their general education requirements prior to transferring to UNL.

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