URBAN FORESTRY MINOR

Description
The urban forestry minor is designed to serve the needs of students who desire academic training that will enable them to pursue careers in urban forest management, arboriculture, urban wildland interface management, green infrastructure industry, and other related fields not currently offered by the College of Agricultural Sciences and Natural Resources (CASNR) at the University of Nebraska–Lincoln. Field experiences and a capstone course will help students integrate the wide array of coursework taken during their program of study. An emphasis on internships with partners, including state agencies, regional companies, and nonprofits, will draw on interdisciplinary linkages within the University of Nebraska–Lincoln and will capitalize on strong partnerships with state agencies, nonprofits, and the private sector to enhance experiential learning opportunities.

College Requirements

College Admission
Requirements for admission into the College of Agricultural Sciences and Natural Resources (CASNR) are consistent with general University admission requirements (one unit equals one high school year): 4 units of English, 4 units of mathematics, 3 units of natural sciences, 3 units of social sciences, and 2 units of world language. Students must also meet performance requirements: a 3.0 cumulative high school grade point average OR an ACT composite of 20 or higher, writing portion not required OR a score of 1040 or higher on the SAT Critical Reading and Math sections OR rank in the top one-half of graduating class; transfer students must have a 2.0 (on a 4.0 scale) cumulative grade point average and 2.0 on the most recent term of attendance. For students entering the PGA Golf Management degree program, a certified golf handicap of 12 or better (e.g., USGA handicap card) or written ability (MS Word file) equivalent to a 12 or better handicap by a PGA professional or high school golf coach is required. For more information, please visit http://pgm.unl.edu/requirements/.

Admission Deficiencies/Removal of Deficiencies
Students who are admitted to CASNR with core course deficiencies must remove these deficiencies within the first 30 credit hours at the University of Nebraska–Lincoln, or within the first calendar year at Nebraska, whichever takes longer, excluding foreign languages. Students have up to 60 credit hours to remove world language deficiencies. College-level coursework taken to remove deficiencies may be used to meet degree requirements in CASNR.

Definitions in the required entrance subjects can be removed by the completion of specified courses in the University or by correspondence.

The Office of Admissions, Alexander Building (south entrance), City Campus, provides information to new students on how deficiencies can be removed.

College Degree Requirements

Curriculum Requirements
The curriculum requirements of the College consist of three areas: ACE (Achievement-Centered Education), College of Agricultural Sciences and Natural Resources Core, and Degree Program requirements and electives. All three areas of the College Curriculum Requirements are incorporated within the description of the Major/Degree Program sections of the catalog. The individual major/degree program listings of classes ensures that a student will meet the minimum curriculum requirements of the College.

World Languages/Language Requirement
Two units of a world language are required. This requirement is usually met with two years of high school language.

Minimum Hours Required for Graduation
The College grants the bachelors degree in programs associated with agricultural sciences, natural resources, and related programs. Students working toward a degree must earn at least 120 semester hours of credit. A minimum cumulative grade point average of C (2.0 on a 4.0 scale) must be maintained throughout the course of studies and is required for graduation. Some degree programs have a higher cumulative grade point average required for graduation. Please check the degree program on its graduation cumulative grade point average.

Grade Rules

Removal of C-, D, and F Grades
Only the most recent letter grade received in a given course will be used in computing a student’s cumulative grade point average if the student has completed the course more than once and previously received a grade or grades below C in that course.

The previous grade (or grades) will not be used in the computation of the cumulative grade point average, but it will remain a part of the academic record and will appear on any transcript.

A student can remove from his/her cumulative average a course grade of C, D+, D, D-, or F if the student repeats the same course at the University of Nebraska and receives a grade other than P (pass), I (incomplete), N (no pass), W (withdrawn), or NR (no report). If a course is no longer being offered, it is not eligible for the revised grade point average computation process.

For complete procedures and regulations, see the Office of the University Registrar website at http://www.unl.edu/regrec/course-repeats/.

Pass/No Pass
Students in CASNR may take any course offered on a Pass/No Pass basis within the 24-hour limitation established by the Faculty Senate. However, a department may specify that the Pass/No Pass status of its courses be limited to non-majors or may choose to offer some courses for letter grades only.

GPA Requirements
A minimum cumulative grade point average of C (2.0 on a 4.0 scale) must be maintained throughout the course of studies and is required for graduation. Some degree programs have a higher cumulative grade point average required for graduation. Please check the degree program on its graduation cumulative grade point average.

Transfer Credit Rules
To be considered for admission, a transfer student, Nebraska resident or nonresident, must have an accumulated average of C (2.0 on a 4.0 scale) and a minimum C average in the last semester of attendance at another college. Transfer students who have completed less than 12 credit hours of college study must submit either ACT or SAT scores.

Ordinarily, credits earned at an accredited college are accepted by the University. The College, however, will evaluate all hours submitted on an application for transfer and reserves the right to accept or reject
any of them. Sixty (60) is the maximum number of hours the University
will accept on transfer from a two-year college. Ninety (90) is the
maximum number of hours the University will accept from a four-year
college. Transfer credit in the degree program must be approved by
the degree program advisor on a Request for Substitution Form to
meet specific course requirements, group requirements, or course level
requirements in the major. At least 9 hours in the major field, including
the capstone course, must be completed at the University of Nebraska–
Lincoln regardless of the number of hours transferred.

The College will accept no more than 10 semester hours of C, D+, D, and
D- grades from other schools. The C, D+, D, and D- grades can only be
applied to free electives. This policy does not apply to the transfer of
grades from UNO or UNK to the University of Nebraska–Lincoln.

Joint Academic Transfer Programs
The College of Agricultural Sciences and Natural Resources has
agreements with many institutions to support joint academic programs.
The transfer programs include dual degree programs and cooperative
degree programs. Dual degree programs offer students the opportunity
to receive a degree from a participating institution and also to complete
requirements for a bachelor of science degree in CASNR. Cooperative
programs result in a single degree from either the University of
Nebraska–Lincoln or the cooperating institution.

Dual Degree Programs
A to B Programs
The A to B Program, a joint academic program offered by the CASNR and
participating community colleges, allows students to complete the first
two years of a degree program at the participating community college
and continue their education and study in a degree program leading
toward a bachelor of science degree.

The A to B Program provides a basic knowledge plus specialized
coursework. Students transfer into CASNR with junior standing.

Depending on the community college, students enrolled in the A to B
Program may complete the requirements for an associate of science at
the community college, transfer to the University of Nebraska–Lincoln,
and work toward a bachelor of science degree.

Participating community colleges include:
• Central Community College
• Metropolitan Community College
• Mid-Plains Community College
• Nebraska College of Technical Agriculture
• Nebraska Indian Community College
• Northeast Community College
• Southeast Community College
• Western Nebraska Community College

3+2 Programs
Two specialized degree programs in animal science and veterinary
science are offered jointly with an accredited college or school of
veterinary medicine. These two programs permit CASNR animal science
or veterinary science students to receive a bachelor of science degree
from the University of Nebraska–Lincoln with a degree in animal science
or veterinary science after successfully completing two years of the
professional curriculum in veterinary medicine at an accredited veterinary
school. Students who successfully complete the 3+2 Program, must
provide transcripts and complete the Application for Degree form via

MyRED. Students without MyRED access may apply for graduation in
person at Husker Hub in the Canfield Administration Building, or by mail.
Students should discuss these degree programs with their academic
advisor.

Cooperative Degree Programs
Academic credit from the University and a cooperating institution
are applied towards a four-year degree from either the University
of Nebraska–Lincoln (University degree-granting program) or the
cooperating institution (non University degree-granting program). All have
approved programs of study.

UNL Degree-Granting Programs
A University of Nebraska–Lincoln degree-granting program is designed
to provide students the opportunity to complete a two-year program of
study at one of the four-year institutions listed below, transfer to CASNR,
and complete the requirements for a bachelor of science degree.

Chadron State College. Chadron State College offers a 2+2 program
leading to a grassland ecology and management degree program and
a transfer program leading to a bachelor of science in agricultural
education in the teaching option.

Wayne State College. Wayne State College offers a 3+1 program leading
to a bachelor of science in plant biology in the ecology and management
option and a 3+1 program leading to a bachelor of science in Applied
Science.

University of Nebraska at Kearney. Transfer programs are available for
students pursuing degree programs leading to a bachelor of science
degree.

University of Nebraska at Omaha. Transfer programs are available for
students pursuing degree programs leading to a bachelor of science
degree.

Non University of Nebraska–Lincoln Degree-Granting Programs
CASNR cooperates with other institutions to provide coursework that is
applied towards a degree at the cooperating institution. Pre-professional
programs offered by CASNR allow students to complete the first two or
three years of a degree program at the University prior to transferring and
completing a degree at the cooperating institution.

Chadron State College—Range Science. The 3+1 Program in range
science allows Chadron State College students to pursue a range science
degree through Chadron State College. Students complete three years of
 coursework at Chadron State College and one year of specialized range
science coursework (32 credit hours) at CASNR.

Dordt College (Iowa)—Agricultural Education: Teaching Option. This
program allows students to pursue an Agricultural Education Teaching
Option degree leading toward a bachelor of science in agricultural
education. Students at Dordt College will complete 90 credit hours in the
Agricultural Education: Teaching Option Transfer Program.

Residency
Students must complete at least 30 of the total hours for their degree
using University of Nebraska–Lincoln credits. At least 18 of the 30 credit
hours must be in courses offered through CASNR (>299) including
the appropriate ACE 10 degree requirement or an approved ACE 10
substitution offered through another Nebraska college and excluding
independent study regardless of the number of hours transferred.
Credit earned during education abroad may be used toward the
residency requirement if students register through the University of
Nebraska–Lincoln and participate in prior-approved education abroad programs. University of Nebraska–Lincoln open enrollment and summer independent study courses count toward residence.

1 Includes courses taught by CASNR faculty through interdisciplinary prefixes (e.g., LIFE, M BIO, ENV R, SOIL, E AEP, H RTM, ENSC) and CASNR crosslisted courses taught by non-CASNR faculty.

Online and Distance Education
There are many opportunities to earn college credit online through the University of Nebraska–Lincoln. Some of these credits may be applicable not only as elective credits but also toward the fulfillment of the College’s education requirements. Credits earned online may count toward residency. However, certain offerings may not be counted toward scholarship requirements or academic recognition criteria.

For further information, contact:
Office of Online and Distance Education
University of Nebraska–Lincoln
305 Brace Labs
Lincoln, NE 68588-0109
402-472-4681
http://online.unl.edu/

Independent Study Rules
Students wishing to take part in independent studies must obtain permission; complete and sign a contract form; and furnish copies of the contract to the instructor, advisor, departmental office, and the Dean’s Office. The contract should be completed before registration. Forms are available in 103 Agricultural Hall or online at the CASNR website.

Independent study projects include research, literature review or extension of coursework under supervision and evaluation of a departmental faculty member.

Students may only count 12 hours of independent study toward their degrees and no more than 6 hours can be counted during their last 36 hours earned, excluding senior thesis, internships, and courses taught under an independent study number.

Other College Degree Requirements
Capstone Course Requirement
A capstone course is required for each CASNR degree program. A capstone course is defined as a course in which students are required to integrate diverse bodies of knowledge to solve a problem or formulate a policy of societal importance.

ACE Requirements
All students must fulfill the Achievement Centered Education (ACE) requirements. Information about the ACE program may be viewed at ace.unl.edu (https://ace.unl.edu/).

The minimum requirements of CASNR reflect the common core of courses that apply to students pursuing degrees in the college. Students should work with an advisor to satisfy ACE outcomes 1, 2, 3, 4, 6, and 10 with the college requirements.

Catalog Rule
Students must fulfill the requirements stated in the catalog for the academic year in which they are first admitted to the University of Nebraska–Lincoln or when they were first admitted to a Joint Academic Transfer Program. In consultation with advisors, a student may choose to follow a subsequent catalog for any academic year in which they are admitted to and enrolled as a degree-seeking student at Nebraska in the College of Agricultural Sciences and Natural Resources. Students must complete all degree requirements from a single catalog year. The catalog which a student follows for degree requirements may not be more than 10 years old at the time of graduation.

Requirements for Minor Offered by Department
A minor in urban forestry will include a minimum of 16 credit hours, including four core courses.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRES 201 / HORT 201</td>
<td>Dendrology: Study and Identification of Trees and Shrubs</td>
<td>3</td>
</tr>
<tr>
<td>or HORT 213</td>
<td>Cultivars and Varieties of Woody Plants for Landscapes</td>
<td></td>
</tr>
<tr>
<td>NRES 302 / HORT 302</td>
<td>Tree Biology</td>
<td>3</td>
</tr>
<tr>
<td>NRES 321 / HORT 321</td>
<td>Arboriculture: Maintenance &amp; Selection of Landscape Trees</td>
<td>4</td>
</tr>
<tr>
<td>NRES 457 / HORT 457</td>
<td>Green Space and Urban Forestry Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Credit Hours Subtotal: 13

Elective Courses
Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>NRES 218</td>
<td>Introduction to Geospatial Technologies</td>
<td>3</td>
</tr>
<tr>
<td>NRES 301</td>
<td>Environmental Communication Skills</td>
<td></td>
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<tr>
<td>CRPL 300</td>
<td>The Community and the Future</td>
<td></td>
</tr>
<tr>
<td>CRPL 400</td>
<td>Introduction to Planning</td>
<td></td>
</tr>
</tbody>
</table>

Credit Hours Subtotal: 3

Total Credit Hours: 16

Additional minor Requirements
Grade Rules
A grade of C average (2.0) is required for minor course.

Student Eligibility
All degree-seeking students are eligible to pursue the urban forestry minor.