

# REGIONAL AND COMMUNITY FORESTRY



Increases in global urbanization and movement of invasive species has created a demand for professionals with the skills to maintain trees in rural and urban landscapes. A newly purposed degree — Regional and Community Forestry — is being developed to address current and future issues in rural and urban forestry.

Make an appointment to learn more about this new major.

## Contact Information

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## Career Paths

City Forester, Lands Resource Specialist, Biological Field, Technician, Lands Area Manager, Vegetation Strategy Specialist, Resource Assistant, Natural Resource Specialist, Environmental Section Manager, Conservation Outreach Coordinator

## Special Emphasis Courses

Arboriculture, Tree and Woody Plant Biology, Dendrology, Urban Ecology, Urban Forestry & Greenspace Management, Geospatial Information Sciences, Hydrology, Environmental Impact Assessment, Recreation & Park Planning

## Internships

The Nature Conservancy (TNC), U.S. Natural Resources Conservation Service, Nebraska Game and Parks Commission, U.S. Forest Service, U.S. Bureau of Land Management (BLM), University Research Programs, National Parks Service, Lincoln Parks and Recreation

| [snr.unl.edu](http://snr.unl.edu) |

# Regional and Community Forestry Major Requirements

2017-2018 Required Courses (120 credit hours)  
UNL College of Agricultural Sciences and Natural Resources

## CASNR Required Courses

### COLLEGE INTEGRATIVE COURSES 4 credit hours

SCIL 101 Science and Decision-Making for a Complex World	3
NRES 101 Natural Resource Orientation	1

### MATHEMATICS AND STATISTICS

#### Statistics 6 credit hours

STAT 218 Introduction to Statistics (ACE 3)	3
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#### Mathematics 3-5 credit hours

MATH 102, MATH 103 (Only 2 cr hours of MATH 103 apply to requirement), MATH 104, MATH 106	2-5
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### COMMUNICATIONS

#### Written Communication (ACE 1) 3 credit hours

ENGL 150, ENGL 151, ENGL 254, JGEN 120, JGEN 200, JGEN 300	3
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#### Oral Communication (ACE 2) 3 credit hours

ALEC 102, COMM 101, COMM 209, COMM 210, COMM 215, COMM 283, COMM 286, MRKT 257, NRES 260, TMFD 121	3
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#### Communication and Interpersonal Skills 3-4 credit hours

ENGL 150, ENGL 151, ENGL 252, ENGL 253, ENGL 254, ALEC 102, JGEN 120, JGEN 200, JGEN 300, COMM 101, COMM 209, COMM 210, COMM 212, COMM 215, COMM 286, MRKT 257, NRES 260	3-4
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### NATURAL AND PHYSICAL SCIENCES

#### Biological 8 credit hours

LIFE 120/120L & LIFE 121/121L Fundamentals of Biology I & II	8
HORT 131/HORT 133 Plant Science and lab & BIOS 109 Botany	8

#### Chemistry 4 credit hours

CHEM 105 Chemistry in Context I	4
CHEM 109 General Chemistry I (ACE 4)	4

#### Physics (ACE 4) 4 credit hours

MSYM 109 Physical Principles in Agriculture & Life Sciences	4
PHYS 141 Elements of General Physics	4
PHYS 151 Elements of Physics	4

### ECONOMICS, HUMANITIES AND SOCIAL SCIENCES

#### Economics 3 credit hours

AECN 141, ECON 200, ECON 211, ECON 212	3
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#### Achievement-Centered Education Courses 12 credit hours

ACE outcomes 5, 7, 8, and 9	
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## Major Specific Required Courses

### Capstone (ACE 10) 3 credit hours

NRES 457 Greenspace and Urban Forestry Management	3
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### Ecology 6 credit hours

NRES 200 Principles of Ecology	3
NRES 424 Forest Ecology	3
LARC 487 Introduction to Landscape Ecology	3

### Geographic Information Systems 3-4 credit hours

NRES 312 Introduction to GIS	3
ANTH 387 GIS in Archaeology	3
NRES 412 Introduction to Geographic Information Systems	4

### Soil and Water Science 7 credit hours

HORT 153 Soil Resources	4
NRES 281 Introduction to Water Science	3

### Policy Courses 3 credit hours

NRES 323 Natural Resources Policy	3
AECN Natural Resource and Environmental Law	3

### Arboriculture and Forestry 10 credit hours

NRES 310 Introduction to Forest Management	3
NRES 302 Tree Biology	3
NRES 299 Arboriculture	4

### Pests & Pathogens 8 credit hours

ENTO 115/115L Insect Biology and Lab	4
PLPT 369/369L Introduction to Plant Pathology and Lab	4

### Plant Identification 3 credit hours

NRES 201 Dendrology	3
HORT 212 Landscape Plants I	3

### Career Experience 1-3 credit hours

NRES 399 Independent Research	1-5
NRES 496 Independent Study	1-5
NRES 497 Career Experiences in Natural Resource Sciences	1-6
NRES 499 Thesis Research	3-6
NRES 499H Honors Thesis	3-6

## Major Emphasis Areas

### Community Forestry Management 18 credit hours

### Arboriculture 19 credit hours