



Urban Ecology Curriculum for English Learners
LMU| Center for Equity for English Learners (CEEL) and Center for Urban Resilience (CUREs)
Module 1: Introduction to Urban Ecology

UNIT 1 OVERVIEW - CITIES AS SYSTEMS

<p>UNIT 1 OUTCOME</p> <ul style="list-style-type: none"> • Understand that an urban ecosystem is a collection of interrelated natural and human-built elements. • Recognize that a city is a special type of system, an urban ecosystem.

LESSON	LESSON OUTCOME	ACTIVITIES	TEACHER NOTES
<p>LESSON 1 (150 minutes) Defining Urban Ecology</p>	<p>Students will define the role of a scientist, specifically the difference between the role of an ecologist and an urban ecologist.</p>	<p>PRIOR TO LESSON: Conduct Prewriting assessment</p> <ol style="list-style-type: none"> 1. Organize Learning: Interactive Notebook 2. Build Background Knowledge: What does a scientist do? 3. Define Type of Scientist: Who is an Urban Ecologist? 4. Urban Ecologist’s Role: Urban ecologist Chant 	
<p>LESSON 2 (60-90 minutes) What Makes a City?</p>	<p>Students will understand that natural and human-built elements make up an urban ecosystem.</p>	<ol style="list-style-type: none"> 1. Vocabulary Development 2. Natural vs Human-built elements 3. Informational Writing: What Makes a City? 	
<p>LESSON 3 (60-90 minutes) Interrelatedness: Building Neighborhoods and Cities</p>	<p>Students identify how the natural and human-built elements are interconnected and work together as a system.</p>	<ol style="list-style-type: none"> 1. Vocabulary Development 2. Cities as Systems 	
<p>LESSON 4 (60-90 minutes) Cities as Urban Ecosystems</p>	<p>Students will explain that the interaction of natural and human-built elements makes a city a unique ecosystem.</p>	<ol style="list-style-type: none"> 1. Key Elements of a City 2. Cities as Ecosystems 3. Project Development- Need to Know List 	