

## UO Sustainable Cities Initiative: Springfield 2011-12

- 14 projects, 10 disciplines, 30 courses, 400 students (52,000 hours)
- 4 city departments, 6 city partners (Parks District, Schools, Utility Board, United Way, private property owners)
- Faculty-supervised multidisciplinary student coursework (architecture; arts and administration; economics; planning, public policy and management; business; journalism; law)



### Architecture/Landscape Architecture/Planning Projects

Project	Expected Outcome	Academic Qtr.
Laura Street Analysis	Identification of negative and positive characteristics, development trends to determine specific design standards aimed at changing trends	Fall
Promise Neighborhoods	Survey of demographics and programmatic gaps in developing a continuum of "cradle through college and career" solutions to improve educational and developmental outcomes children in Springfield Brattain area.	Winter/Spring
Bicycle/Pedestrian Accessibility and Connectivity Plan	Analysis of current on-street and off-street bike system and recommendations for solutions to dead ends, gaps to make overall system complete	Fall
Jasper-Natron School Design	Analysis of recently School District purchased site, surrounding neighborhood and wetlands, service and transportation infrastructure; exploration of site layout and design for a K-5 and K-8 school with transportation connectivity, sports fields and community use space	Fall/Winter
Booth-Kelley Redesign	Exploration of redevelopment scenarios for former mill site with large (rented) industrial buildings to create a destination with pedestrian-friendly appeal for adoption into Downtown Refinement Plan	Fall/Winter/Spring
Library Development	Examination of process to develop, finance and construct a public library to include design for a Silver LEED Certified building with private business space and a strategic public relations plan	Fall/Spring
Walmart Redevelopment Conceptual Plan	Proposal for urban design and site development for decade long vacant property to serve as a catalyst for redevelopment of adjacent sites	Fall/Winter
Demonstration Stormwater Areas	Design of welcoming and attractive demonstration sites for natural areas, parks, schools or private property featuring innovative stormwater treatment practices and interpretive kiosks with "take home" ideas	Fall/Winter/Spring
Citywide and Downtown Wayfinding	Development wayfinding signage design and designate locations to better direct visitors and residents to area resources, public amenities and services, shopping and open spaces	Winter/Spring

### Business and Economic Development Projects

Project	Expected Outcome	Timeline
Sustainability Metrics & Greenhouse Gas Inventory	Compilation of comprehensive greenhouse gas emissions inventory of city's operations to include direct emissions (fuel consumed by city vehicles, generators) and indirect emissions (electricity generation, business-related travel, solid waste, etc.) with action plan to reduce emissions	Fall/Winter
LEED Incentive Analysis	Cost/Benefit analyses of possible new development requirement to incent LEED Certification	Winter/Spring
Market Feasibility of Density	Economic analyses of residential density requirements and their impacts on cost effectiveness of development, recommendations for strategies to incent higher densities including market feasibility of density bonus	Winter/Spring
Dorris Ranch Business Plan	Recommendations for programs and events to improve awareness and usage of 258-acre hazelnut farm as historic, cultural and recreational asset and improve income/self-sufficiency of property within Willamalane Park and Recreation District's portfolio	Winter

### Civic Engagement, Journalism and Law Projects

Project	Expected Outcome	Academic Qtr.
Adopt-A-Waterway Program Public Relations Plan	Development of public relations material explaining waterway adoption including cleaning waterways, planting native plants and shade trees, other steps to improve waterway quality such as reducing discarded medicines in water and linked to indoor water conservation efforts	Fall/Winter/Spring
Local Government Law	Investigation of regulations surrounding system development charge methodologies to identify flexibility in encouraging and supporting development while providing incentives reducing the need for increased automobile capacity	Spring

For more information, please contact Courtney Griesel, City of Springfield Economic Development at 541-736-7132, [cgriesel@springfield-or.gov](mailto:cgriesel@springfield-or.gov)

