

# Sustainable City Year Program

## 2019-20



### Planning, Design, Engineering, and Journalism Projects

Project	Outcome
<b>Pettit Property Visioning Design Studio</b>	Landscape architecture students collaborated with city of Silverton staff and residents to create designs for potential future uses of the Pettit Lake property including a public park and income-generating resources for the City. Final design ideas included day-use parks, campgrounds, hiking trails, an amphitheater, and a wildlife interpretation center.
<b>Climate Action Recommendations</b>	Students built upon the Silverton Energy Plan and identified strategies for the city of Silverton to mitigate their climate impact and increase their resiliency. Students developed recommendations for land use and transportation, buildings and energy, food and agriculture, urban natural resources, and consumption and waste. For each topic, students developed an action framework, a strategy for implementation, and a specific design recommendation.
<b>Passive Heating Strategies</b>	Eight student teams analyzed passive heating strategies and proposed design concepts for a proposed new city hall and police station site. Students based their designs on optimal tilts for solar energy-collecting glass, thermal mass goals and sizes, proposed building masses and orientations, and movable insulation solutions.
<b>Design Report: Stormwater Improvements</b>	Students proposed a low impact stormwater design for the City to consider as it expands the city-owned, YMCA-managed community swimming pool parking lot. To choose a preferred alternative, students evaluated existing conditions, collected data, worked through potential design options, and created a selection matrix. Student assessments also included cost estimates to ensure feasibility.
<b>Catalyzing Community Feedback and Engagement in Silverton</b>	Journalism student teams prepared public relations plans to address the City of Silverton's communication needs. The composite six-month plan includes recommendations to increase participation from a variety of demographics and includes an updated community survey, increased social media presence, partnership opportunities with local businesses, and tabling at events to increase communication between the city and its residents.

**Megan Banks**  
SCYP Director  
mbanks@uoregon.edu  
541-346-6395

**Nico Larco, AIA**  
SCI Co-Director  
nlarco@uoregon.edu

**Marc Schlossberg, PhD**  
SCI Co-Director  
schlossb@uoregon.edu

1209 University of Oregon  
Eugene OR 97403-1209  
sci@uoregon.edu

