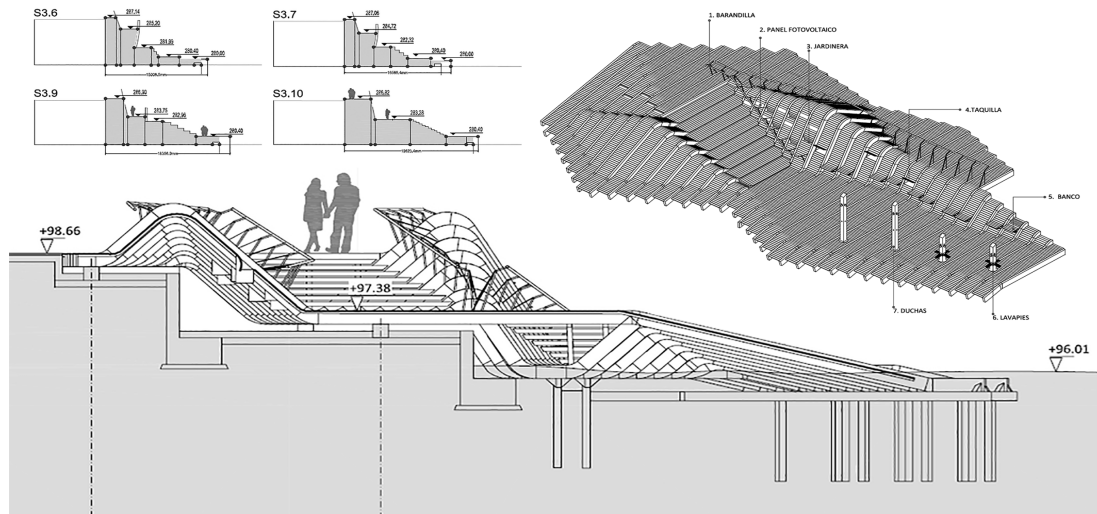


LA 4/589 Winter 2022: The Oregon Sequence

THE FERRY STREET VILLAGE LANDSCAPE MEMORIAL

CRN 32431/32430 - Monday, Wednesday, Friday 1:00pm-4:50pm in LA 308 Lawrence Hall

Instructor: Ignacio López Busón, ilopezbu@uoregon.edu (Office Lawrence 311)



Playa del Ingles Beach Equipments (2009)
LPA Studio (Juan Palop + Ignacio Lopez Buson)

“You can use an eraser on the drafting table or a sledge hammer on the construction site..”

— Frank Lloyd Wright

COURSE DESCRIPTION:

Thanks to the advance in digital technologies in the last decade, landscape design has finally moved today from the two-dimensional to the three-dimensional realm. The architecture industry has fully embraced the Building Information Modeling (BIM) paradigm, putting even more pressure on landscape architects to develop their projects directly in 3D. Three-dimensional modeling is not a visualization byproduct but a means to incorporate more information into the design process.

From a landscape perspective, this translates into a myriad of possibilities: accurate topography models, environmental simulations, real-time tracking of materials, instant cut-and-fill calculations, and more precise and streamlined construction documentation. The latter becomes even more critical at a time when landscape designers are pushing the boundaries of landscape architecture and proposing highly complex projects that can only be developed using 3D technologies.

This studio will focus on the technical development of the Ferry Village landscape memorial, a thought-provoking project designed during the Winter Oregon Sequence studio. By using a methodology that merges BIM logics and geometry optimization techniques, the students will aim to develop a three-dimensional model of their proposal, evaluate its feasibility and extract all the necessary information to successfully document the project for its construction.



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OREGON SEQUENCE CONTEXT:

This is the third studio of the Oregon Sequence, a three-quarter sequence spanning the 4/589 studio series. Designed to build upon the design skills and techniques introduced in the LA 289 and LA 4/539 series and to prepare students for the advanced LA 4/594 studio as well as their capstone projects, the Oregon Sequence explores a thematic and/or geographic focus for an academic year across a breadth of scales, allowing the student to explore each scale in depth over the course of a quarter. The Fall quarter studio focuses on contextualization; the Winter quarter studio focuses on site design, and the Spring studio focuses on design detailing (replacing and relocating the LA 4/589 Tech Studio). Each studio within the Oregon Sequence will build upon the work in the previous studio, so that information developed in the Fall and Winter studios inform the work in Winter and Spring studios, respectively. The Oregon Sequence is for those students who are interested in pursuing a thematic and/or geographic focus for more than one quarter.

The Spring studio is for those students who want to build their skills in design development and technical documentation. As the third studio within the Oregon Sequence, this studio will build on the work of the Winter 2021 Studio “The Ferry Street Village Memorial” to further develop and document the landscape memorial site.

This studio is meant for students who have taken the Winter Oregon Sequence studio. Other students interested in this studio will have to pick one of the final designs proposed in Winter. Please, contact the instructor if you haven't taken the Winter studio and are interested in participating in the Spring course.

STUDIO CONTEXT:

From Mark Eischeid's OR Sequence Fall Studio syllabus: “The focus of the studio is the Ferry Street Village in Eugene, a primarily African American community extant during the first half of the 20th century. Formal and informal mechanisms of systemic and cultural racism forced African American residents to create their own community outside of Eugene's city limits. The community was razed by Lane County on August 24, 1949 to construct the Ferry Street Bridge (Coburg Avenue). On Feb. 2, 2021, the Lane County Board of Commissioners resolved to acknowledge the destruction of Lane County's first Black neighborhood and memorialize the history of the Ferry Street Village. This year's Oregon Sequence aims to celebrate the Ferry Street Village community and spatialize its history in the landscape.”

While the Fall quarter concentrated on understanding the community's history and examining precedents for memorialization, and the Winter quarter focused on the conceptual design of the Ferry Street Village's memorial, the Spring term will revolve around the technical development of the project with an emphasis on feasibility and constructability.



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