**PROJECT DESCRIPTION:**
Oregon BILDS is a residential design-build program that has been developed through the generous support of the Meyer Family Foundation, Lease Crutcher Lewis, and Housing and Community Service Agency of, Lane County (HACSA). BILDS stands for “Building Integrated Livable Designs Sustainably,” which describes the overall goals of the program in which UO Architecture, Landscape Architecture, and Interior Architecture students design and collaborate with local professionals to construct one residence per year. Now in its third year, the studio will design another house to be built along an established street in a west Eugene neighborhood.

**PROTOTYPICAL DESIGN-BUILD PROGRAMS:**
Nationally, there are only a handful of university-based design-build programs that consistently produce residences. Oregon BILDS incorporates principles from these models while fashioning a design-build model unique to the U of O. Our School has a long and rich history of design-build education, but only in the past two years have we produced residences. This studio will start the process for the third.

**A LOCAL MODEL:**
To succeed both pedagogically and financially, the Oregon BILDS is structured to produce a small, affordable residence that responds to the local market while also focusing on low-tech, environmentally responsible strategies. Experience from the past two years, polling of local markets, and the advice of local real estate experts will inform design choices. See context and program examples at: [http://oregonbilds.uoregon.edu](http://oregonbilds.uoregon.edu)

**THE STUDIO:**
The entire studio will work collaboratively toward developing a single design that can be constructed during winter and spring terms by UO and Lane Community College students. The first few weeks of studio will be dedicated to defining the problem in terms of program, energy performance, code restrictions, and market forces; and each student will make an individual proposal for a design. The studio will then work collectively to synthesize the best elements of each design into a single cohesive proposal that will be developed through the rest of the term, much as it would be in a professional office. The end result of the term will be a set of drawings that describes the proposed house and garden and is ready to submit for a building permit.

**DESIGN ISSUES TO BE STRESSED:**
In the first part of the term an analysis of the site, environmental response strategies, and preliminary budget analyses will be central to the generation of schematic design proposals. Later in the term, the focus will shift to design development: refining the character of the project, with special emphasis on materials, building systems, and construction details. Overall talking points will include:

- The nature of sustainable architecture.
- Fundamentals of residential design – site design, building design, budget, legal restrictions.
- Integration of building technology to define and support the spirit of the project.
- Collaboration, teamwork, and the role of the individual.