

K40.1623
Green Design and Planning
4 CR
W 6:20-9:00
Professor Donna Goodman
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As we enter the twenty-first century, architects and planners face a new set of challenges. The world population has tripled in less than a century. The demand for food, water, housing, energy, products, and services has grown at an even faster pace. In response to these issues, designers and planners have created new concepts for green buildings, green masterplans, regional transportation, and alternative products. They have also made efforts to introduce new laws and environmental standards. This course explores environmental concepts through reading, discussion, slide lectures, films, and projects. Students are asked to write a short paper and develop two design projects. The papers examine issues, such as energy, recycling, product development, pollution, planning, and design. Projects include assignments like the planning of a roof terrace, analysis of an urban park, or design of a green building. Students will need a camera and drafting tools.