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BUILDING COMMUNITY RESILIENCE:

CALIFORNIA AND BEYOND

Instructors: Dr. Kurt Kornbluth & Dr. Maureen Kinyua

CRN: Cross-listed as ECI 248A/ ABT 298A

Days and Time: Monday & Wednesday 10:00 –11:50 am

Max enrollment: 25 students

Location: Remote

Course Description:

In this project-based course, cross-disciplinary student teams work with community partners to perform feasibility studies using technical, social, environmental, and financial lenses. Students will act as consultants with the community partner as the client.

Using a capacity analysis framework, students will learn to apply tools such as project framing, prior art research, stakeholders, LCA, and SWOT analysis, to guide the client towards a solution.

The focus will be on improving resilience for communities to deal with major events such as health crises, wildfires, etc. Teams present their findings with regard to scale, context, stakeholder analysis, and possible alternatives.

Prerequisites:

Graduate students and upper-division undergraduates with instructor's approval. Based on the application, students who are selected will receive the CRN.

Looking for Students interested in:

- Learning about planning for adverse risks
- Designing sustainable solutions
- Working with local and international grassroots organizations and nonprofits.

[Application for Spring 2021](#)

Learn more:

<http://piet.ucdavis.edu>

For more information, contact:

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