The Coastal Marine Resources Management specialization (CMRM) trains MESM students to address interdisciplinary questions related to marine coastal ecosystems. Coastal marine ecosystems provide a plethora of essential goods and services, including fisheries, navigation space, geochemical products and recycling, disposal space for anthropogenic wastes, and recreation. Managing these goods and services requires an understanding of natural and social sciences, economics, decision-making, behavior, law and institutions, and ethics.

The Bren School has particular research strengths in the following areas: (1) developing innovation in fisheries management through interdisciplinary research in fisheries ecology, conservation biology, resource economics, and governance; (2) eco-toxicology, especially concerning emerging nanotechnology; and (3) ecosystem restoration. These research emphases are often leveraged to develop novel and exciting Group Projects.

Worldwide, societies are faced with the serious challenge of developing and implementing new strategies for managing at-risk coastal resources and communities. CMRM students will be trained to meet this challenge through an interdisciplinary education in marine ecology, oceanography, marine policy and law, economics, and various forms of quantitative modeling.

Students from the CMRM specialization will find employment in both the public (federal agencies; state and local governments; universities) and private (consulting firms; industry) sectors.

http://www.bren.ucsb.edu/academics/mesm_specialization/coastal_marine_resources.htm

**ALUMNI PLACEMENT**
Sample initial job placement for recent Bren School CMRM graduates:

- **Research Analyst**
  Center for Ocean Solutions
  Research/Education | Monterey, CA

- **Sea Grant Extension Fellow**
  California Coastal Commission
  Government | San Francisco, CA

- **Humboldt Current Fisheries Specialist**
  The Nature Conservancy (TNC)
  Non-Profit | Lima, Peru

- **Fishery Policy Fellow**
  Ocean Conservancy
  Non-Profit | Washington, DC

- **Project Researcher**
  Sustainable Fisheries Group
  University of California, Santa Barbara
  Research/Education | Santa Barbara, CA

- **Watershed and Marine Program Associate**
  Santa Barbara Channelkeeper
  Non-Profit | Santa Barbara, CA

- **Policy Analyst/PMF Fellow**
  Bureau of Ocean Energy Management
  Government | Anchorage, AK

- **Program Officer—Fisheries**
  World Wildlife Fund (WWF)
  Non-Profit | Washington, DC

- **Knauss Marine Policy Fellow**
  Sea Grant—NOAA
  Government | Washington, DC

- **Assistant Staff Scientist**
  Cardno ENTRIX
  Consulting | Santa Barbara, CA

- **Marine Conservation Coordinator**
  The Nature Conservancy
  Non-Profit | San Francisco, CA

- **Marine Naturalist**
  Pacific Whale Foundation
  Non-Profit | Wailuku, HI

- **Research Associate, Catch Shares Program**
  Environmental Defense Fund (EDF)
  Non-Profit | San Francisco, CA

- **Coastal Program Analyst**
  California Coastal Commission (CCC)
  Government | San Diego, CA

- **Project Planner**
  RMC Water and Environment Consulting | San Francisco, CA

- **Fishery Management Specialist**
  NOAA National Marine Fisheries Service
  Government | Seattle, WA

These are initial job placements and might not represent the alumni’s current positions. For information about current job placements of alumni, please visit the Bren School Alumni Network or the Bren School Online Community.
Sample Internship Placement Organizations - CMRM students

- Bureau of Land Management (BLM) in San Simeon, CA (Government)
- Center for Biological Diversity’s Climate Law Institute in San Francisco, CA (Non-Profit)
- Cheadle Center for Biodiversity and Ecological Restoration in Santa Barbara, CA (Research/Education)
- Community Seafood in Santa Barbara, CA (Corporate)
- Conservation International in Galapagos, Ecuador (Non-Profit)
- Food and Agriculture Organization (FAO) of the United Nations in Rome, Italy (Non-Profit)
- Green Living Project in Thousand Oaks, CA (Non-Profit)
- Government of Bermuda Department of Environmental Protection in Bermuda (Government)
- Gulf of the Farallones National Marine Sanctuary in San Francisco, CA (Government)
- MarViva Colombia in Bogota, Colombia (Non-Profit)
- National Oceanic and Atmospheric Administration (NOAA) in Santa Barbara, CA (Government)
- Noble Environmental Technologies in San Diego, CA (Corporate)
- Nos Noroeste Sustenable in La Paz, México (Non-Profit)
- Olazul in La Paz, México (Non-Profit)
- Patagonia in Ventura, CA (Corporate)
- Rare in Washington, DC (Non-Profit)
- Reef Environmental Education Foundation in Key Largo, FL (Non-Profit)
- Sustainable Fisheries Group in Santa Barbara, CA (Research/Education)
- The Nature Conservancy (TNC) in the Bahamas (Non-Profit)
- White House Council on Environmental Quality in Washington, DC (Government)
- World Wildlife Fund (WWF) in La Paz, México (Non Profit)