

Land & Water Resource Management (pre-requisites) ** = Currently not being offered

- **NREM460/TPSS 450 Sustainable Nutrient Management in Agroecosystems (NREM 304 and CHEM 161)**
- **NREM 467 Natural Resource Conservation Planning**
- **NREM 612 Predicting & Controlling Degradation in Human-Dominated Ecosystems (NREM 301 and 304 (or equivalent) and 600)**
- **NREM 620 Collaborative Care and Management of Natural Resources**
- **NREM 631 Sustainable Agriculture Seminar**
- **NREM 640 Land System Science (Graduate standing or consent)**
- **NREM 662 Watershed Hydrology (NREM 203 or equivalent and 304 or equivalent; or consent)**
- **NREM 664 Small Watershed Modeling (CEE 424 or concurrent or EARTH 425 or concurrent or BS degree from NREM, or consent)**
- **NREM 665 Coastal and Wetland Ecology and Management**
- **NREM 691 Advanced Topics in NREM: Quantitative Ecosystem Carbon**
- **NREM 691 Advanced Topics in NREM: Fisheries Ecology**
- **NREM 691 Advanced Topics in NREM: Aquatic Toxicology**
- **NREM 691 Advanced Topics in NREM: Terrestrial and Marine Mammal Regulation**
- **NREM 304 (or equivalent), or consent**
- -ku= ' 8 #
- **BOT/ZOOL 450 Natural History of Hawaiian Islands (1 semester of biological sciences)**
- **GEOG 405 Water and the Environment (Pre: 101 or 300 or 400 or 401 or 402 or MET 101 or MET 200 or MET 302 or MET 303 or MET 310, or consent. DP)**
- **GEOG 423 Human Dimensions of the Coastal Ocean (Junior standing or consent)**
- **GEOG 618 Human Environment Systems (Graduate standing or consent)**
- **HWST 455 Ola I Ka Wai; Water and Sovereignty in Hawai'i (HWST 307 and HAW 202 (or concurrent) or consent.)**
- **HWST 457/BOT 457 'Āina Mauliola: Hawaiian Ecosystems (HWST 107, BOT 105, and Junior standing; or consent)**
- **HWST 459/BOT 459/SUST459 Strategies in Hawaiian Resource Use (HWST 457 or BOT 457 (or concurrent), or consent)**
- **HWST 650 Hawaiian Geography and Resource Management (HWST 107, 270, 341 (or concurrent), 342 (or concurrent), and one of the following: 343 (or concurrent) or 390 (or concurrent) or 490 (or concurrent))**
- **HWST 651 Ina Waiwai: Water, Food Sovereignty, & Circular Economies**
- **HWST 659 Land, Leadership & Resources**
- **LWEV 588 Legal Aspects of Water Resources and Control (None)**
- **OCN 457 Coastal Ecosystem Ecology (OCN 201, 201 Lab, and OCN 310)**
- **ZOOL 410 Corals and Coral Reefs (BIOL 265)**
- ****NREM 463 Irrigation and Water Management (NREM 203 (or equivalent) and**
- ****NREM 660 Hydrologic Processes in Soils (none)**
- ****NREM 461 Soil and Water Conservation (NREM 301 or 304)**

Options for Research Method courses

- **NREM 691 Introduction to R for Biologists (baseR)**
- **NREM 691 Principles of Modeling**
- **NREM 691 Conservation Biology and Modeling**