

## BREN SCHOOL 2014-15 CURRICULUM PLAN

\* = biennial, non-regular, or opportunistic offering

Core Classes			
	Fall	Winter	Spring
	203 Earth System Science [4] Jeff Dozier & Tom Dunne TA = Timbo Stillinger	201 Ecology of Managed Ecosystems [4] David Tilman TAs = Darcy Bradley and Laura Dee	207 Environmental Law and Policy [4] Jim Salzman
	206AB Statistics & Data Analysis [2,2] Allison Horst TA = Darcy Bradley	202 Biogeochemical Principles [4] John Melack & Arturo Keller TA = Marina Feraud and Zoe Welch	
	210 Business and the Environment [4] Matt Potoski TA = Sara Sutherland	204 Economics of Env Management [4] Chris Costello TA = Sara Sutherland	
	251 Economics and Environmental Policy Analysis [2] Andrew Plantinga TA = Matthew Fienup	241 Env Politics and Policymaking [2] Sarah Anderson TA = Alex DeGolia	
Group Project			
Pre-Fall	Fall	Winter	Spring
	401B Master's Group Project [4] STAFF  402B New Venture Business Plan Development [4] Emily Cotter	401C Master's Group Project [4] STAFF  402C Eco-E Project [4] Emily Cotter	401A Master's Group Project [4] STAFF  401D Master's Group Project [2] STAFF  402A Eco-E Project New Venture Formation [4] Emily Cotter  402D Master's Group Project [2] STAFF

Elective Classes			
Pre-Fall	Fall	Winter	Spring
	211 Applied Population Ecology [4] Bruce Kendall	*215 Landscape Ecology [4] Ben Best	*213 Ecotoxicology [4] Jay Means
	*214 Biological Waste Management [4] Trish Holden	223 Mgmt of Soil Water Quality [4] Norm Brown  223L Lab [1] Arturo Keller TA = Yuxiong Huang	222 Fate and Transport [4] Arturo Keller TA = Yuxiong Huang
	224 Sustainable Watershed Mgmt [4] Arturo Keller TA= Kendra Garner	232 Environmental Modeling [4] Naomi Tague	225 Water Policy [4] Bob Wilkinson
	226 Groundwater Management [4] Norm Brown	*234 River Systems [4] Tom Dunne TA = TBD	*230 Strategic Planning for Non-Profit Ventures [4] Emily Cotter
	ESM 229 Ecology and Policy of Climate [4] Kyle Meng	248 Environmental Institutions [4] Mark Buntaine	*233 River Restoration [2] Tom Dunne
	*235 Watershed Analysis Derek Booth TA = Lindsey Peavey	256B New Venture Opportunity Analysis [4] Emily Cotter	236 Mountain Snowpack [3] Jeff Dozier OVER SPRING BREAK
	245 Cost Benefit Analysis [4] Gary Libecap	260 Applied Marine Ecology [4] Hunter Lenihan	244 Advanced Data Analysis [4] Allison Horst TA = Darcy Bradley
	256A Intro to Entrepreneurship & New Venture Creation [2] Emily Cotter	281 Corporate Environmental Management [4] Mark Heintz	242 Natural Resource Economics [4] Andrew Plantinga
	257 Coastal Marine Policy & Mgmt [4] Sean Hastings	282 Industrial Ecology/Green Supply Chain [4] Roland Geyer	243 Env Policy Analysis [4] Sarah Anderson
	271 Carbon Footprints & Carbon Accounting [2] Sangwon Suh	283 Environmental Negotiation [4] John Jostes	254 Coastal Marine Ecosystem Processes [4] Hunter Lenihan
	275 Principles & Practice of Env Planning [4] Tom Jacobson	285 Environmental Markets [4] Gary Libecap	263 GIS [4] James Frew TA = Ian McCullough
	288 Energy, Technology, and the Environment [4] Roland Geyer	*293-1W Advanced Topics: Climate and Energy [2] INTENSIVE TBD	*266 Remote Sensing [4] Jeff Dozier
	*293-1F Advanced Topics: Climate and Energy [2] INTENSIVE TBD	*294-1W Advanced Topics: Land Use Law [2] INTENSIVE Brigham Daniels  Feb 12-21, 2015	269 Survey Design and Public Opinion [2] STAFF

	294-1F Advanced Topics: Environmental Law in Practice [2] Instructor of Record: Steven Gaines  Every other Fri at 8:30 – 11:30 am 10/3, 10/17, 10/31, 11/14, 12/5	296-1W Advanced Topics: Organizational Behavior [2] Celine Gainet  Jan 5-10, 2015	270 Conservation Planning [4] Ben Halpern TA = Becca Gentry
	*294-2F Advanced Topics: International Law [2] Brigham Daniels  Oct 3-13, 2014	296-2W Advanced Topics: Conservation Management in Practice [2] Michael O'Connell  Feb 2-6, 2015	273 Life Cycle Assessment [4] Roland Geyer & Joe Bergesen
	296-1F Advanced Topics: Corporate Environmental Management [2] Kelly Summers  Every other Fri at 8:30 – 11:30 am 10/10, 10/24, 11/7, 11/21, 12/12	296-3W Environmental Leadership [2] John Jostes  Jan 5 – Feb 6, 2015	279 Financial Management and Env Accounting [4] Mary Nisbet
	296-2F Advanced Topics: Sustainable Water Markets Seminar [2] Bob Wilkinson	296-4W Project Management [2] John Jostes  Feb 9 – Mar 13, 2015	*293-1S Advanced Topics: Climate and Energy [2] INTENSIVE Dates TBD
	*296-3F Advanced Topics: LAFF Intensive Stephan Gelcich  Oct 21-25, 2014	296-5W Adv Topics LAFF INTENSIVE Hugo Salgado  Dates TBD	294-1S Advanced Topics: Natural Resources Law and Policy [2] INTENSIVE Jim Salzman
	*296-4F Advanced Topics: GIS for Marine Ecology [2] INTENSIVE James Frew, Lisa Wedding & Ben Best	298-1F Advanced Topics: Eco-E Lab [2] Emily Cotter	296-1S Advanced Topics: Equity and the Managed Environment [2] Ben Halpern & Hunter Lenihan
	298-1F Advanced Topics: Eco-E Lab [2] Emily Cotter	438/538 Presentation Skills for Environmental Professionals [4] Allison Horst	ESM 297 Environmental Persuasion in Action [2] Matt Potoski
	437 Writing for Env Professionals [2] LeeAnne Kryder	442 Grassroots Organizing, Outreach and Campaigning [2] Celia Alario  Jan 5 – Feb 6, 2015	299-1S Adv Topics: Biological Community Survey & Analysis [2] Frank Davis
	441 Intro to Media Production [2] Michael Hanrahan	445 Social Media [2] Celia Alario  Feb 9 – Mar 13, 2015	299-2S Adv Topics: Quantitative Methods for Economics [4] Olivier Deschenes
	444 Environmental Writing for the Public [2] Michael Todd		440-1 & 2 Advanced Environmental Communication [2][2] Lisa Leombruni & Richard Hutton
			449 Environmental Communication Practicum [4] Lisa Leombruni
			TBD Environmental Informatics [4] James Frew, Naomi Tague & Jeff Dozier

			TBD Advanced Climate Science [4] David Lea
Workshops			
Pre-Fall	Fall	Winter	Spring
Math Workshop [0] Allison Horst	Begin & Intermediate Excel Workshop [0] Steve Miller	Advanced Excel Workshop [0] Steve Miller	Group Project Kickoff [0] <i>1<sup>st</sup> year MESM only</i> Satie Airamé  Client Relations [0] <i>1<sup>st</sup> year MESM only</i> Dave Parker  Web Design Workshop [0] <i>1<sup>st</sup> year MESM WMs only</i> Rob Turner
	Group Project Proposal Workshop [0] Josh Simmons  Fri, Nov 7 at 1-4 pm	Defense Presentations [0] <i>2<sup>nd</sup> year MESM only</i> Satie Airamé	Poster Design [0] <i>2<sup>nd</sup> year MESM only</i> STAFF  Public Presentations [0] <i>2<sup>nd</sup> year MESM only</i> Satie Airamé
	430-1F Grant and Proposal Writing [1] Josh Simmons  Mon, Oct 6, 13, 20, 27 & Nov 3 at 1-2:15 pm	430-1W CEQA/NEPA Workshop [1] Mel Willis	
PhD Core			
Pre-Fall	Fall	Winter	Spring
	595SB Skills Based Grant Writing [2] John Melack & Sangwon Suh		595PB Problem Based [4] Naomi Tague & Tom Dunne
	595SS [1] Mark Buntaine		595SS [1] Mark Buntaine
PhD Electives			
Pre-Fall	Fall	Winter	Spring
	595HH Psychology, Environment, & Public Policy [2] Mark Buntaine  595PH Environmental Microbiology [2] Trish Holden	595HH Psychology, Environment, & Public Policy [2] Sarah Anderson	
	595NT Ecohydrology [2] Naomi Tague		