



AP Environmental Science

Olympic Valley Academy
1810 Squaw Rd
Olympic Valley, CA 96146

A blended course of online lectures and field research exploring the Tahoe region, and beyond. UC approved, College Board AP approved

- 5 x 3 day weekends: June 16 – July 17, 2012
- 2 weeks independent research, July 21- August 4
- Presentation of Final Projects to community, parents, class August 19 & 20

Impress colleges & boost your GPA with
10 units of high school credit
AP college credit for scores of 3+ = \$2,500/public universities - \$10,000+/private universities

APPLICATIONS DUE: MARCH 31, 2012; late fees apply in April.

Pre-requisites: Algebra, introductory science, biology and/or chemistry.

This is a selective class.

Min: 10 students

Max: 15 students

Fee: \$1,460, before March 31; \$1,510 by April 15, \$1,620 by April 30. Inquire about scholarships .

Optional: 2 Full Review Days for May Exam, in April 2013, \$200

Optional: Distance participation \$65/per class missed;

Additional fees: materials, textbook - Environmental Science: A Study of Interrelationships, by Eldon F. Enger and Bradley F. Smith, \$29, field trips, field research, camping trip(s)

Comments of the lead teacher, Sam Tormey:

- "An incredible experience for the kids involved."
- "An extremely intensive 5 weeks."
- Requires, "a good corps of extremely dedicated students with a great deal of initiative."
- "An extensive body of work that will need to be completed by the student on their own, including detailed daily notes, literature searches for relevant journal articles and news items, independent field work"
- "A responsible crew that's willing to fit this course above all else on their priority list for the beginning of the summer."

Field trip possibilities:
Tahoe Resource Conservation
District, TRPA, US Forest Service, California Tahoe Conservancy,
AmeriCorps, the fire districts. Tahoe Environmental Research Center, TERC Fish Hatchery extension in
Tahoe City, River School Farm, Shirley Creek, Squaw Valley

OVA TEACHERS:

Sam Tormy

Sam is a graduate of Middlebury College where he studied Biology with a particular emphasis on land use patterns, ecological health, and understanding their interrelationships using mapping and geographic tools. To this end, Sam traveled in Ecuador for a semester (he's fluent in Spanish) and helped evaluate a reforestation project in the biodiverse cloud forest. Most recently Sam created maps and reports detailing the ecosystem health and fisheries viability of coral reefs for the National Oceanic and Atmospheric Administration, Sam was also a member of the Middlebury College Rugby Team that twice won the National Championship.

Lindsay Downing

Lindsay is a graduate of UC Santa Barbara where she received a BA in Environmental Anthropology and New York University where she received an MA in Environmental Conservation Education. Lindsay worked in India on Himalayan Environmental Impacts, Culture and Species Conservation, and in Chile on the future Patagonia National Park. She works at Integrated Environment Restoration Services, and was a policy analyst for the United Nations. Lindsay was the Captain of the UCSB Alpine Race Team, and runner up for the National Title for USCSA Women's Freestyle.

Corey Moffat

Corey is a graduate of Middlebury College where he majored in History and minored in Economics. Corey has been accepted to law school to pursue Environmental Law. Corey is the Education Specialist at Tahoe Maritime Museum. He worked for Grassroot Soccer in South Africa, Namibia and Central African Republic developing curriculum and training coaches to use the power of soccer to fight HIV/AIDS. Corey interned at the United States State Dept. Office of the Historian, and for the Soel Rives Law Firm in Truckee, CA. Corey was a member of the Middlebury Men's Soccer Team that won the NCAA National Championship for the first time in history, and was a member of the Middlebury College Ski Patrol.

Dr. Wendy Walker

Wendy earned her Doctorate in Education at Harvard University, received an M.Phil. in International Agricultural Economics at Sussex University, UK, and BA in International Relations at Brown University. While teaching at the University of California, Berkeley 1992-2000, Wendy testified three times before the California State Assembly on the Changing Demographics of California. Wendy worked in refugee camps in Thailand for three years, and has worked for the United Nations High Commissioner for Refugees, Save the Children, COERR (Catholic Organization for Emergency Relief and Refugees), the Consortium, World Education, and the Ford Foundation. Wendy is the author of *The Other Side of the Asian American Success Story* (SF: Jossey Bass, 1995), was interviewed 2009 on a BBC4 feature *Race and Intelligence*, and was a key note speaker on Immigrants and Changing Demographics before Governors and State Superintendents at the Education Commission of the States, San Antonio, Texas, 1996. Wendy never won an athletic event in her life, but played basketball at Braintree High, Brown, Harvard and Sussex, and now enjoys swimming, alpine and backcountry skiing, hiking and bicycling.