Oceanography 101

This 5-credit course is an introduction to oceanography. Major topics include:

- geography and geology of the ocean basins
- history of ocean exploration
- seawater chemistry
- movements of ocean water such as waves, tides and currents
- coastal processes
- marine communities and organisms
- marine resources and environmental issues

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Quick Sketch:
Richard Strickland is a lecturer in Oceanography at the University of Washington and is responsible for teaching survey classes and graduate teaching seminars. Before taking on a teaching position, he was a researcher in the UW School of Fisheries and a science writer at the Washington Sea Grant Program. He holds the MS and was a Ph.D. candidate in Biological Oceanography. He is the author of books about the oceanography of Puget Sound and the Washington coast as well as numerous technical publications on climate change, oil spill impacts, and other issues in marine science.

On coordinating Oceanography 101:
“When I started this course, I was impressed by the quality of existing programs in the schools and the dedication of the teachers who participated. I am pleased that I can provide classroom-tested marine science teaching plans and materials to teachers who are eager to upgrade their skills, and to help their students get a head start on their college science studies. The UW School of Oceanography also places a high priority on this program as a way of identifying and grooming the best local student prospects for college studies in marine science.”

For more information on UW in the High School, visit: www.pce.uw.edu/uwhs