

VISIONS'22

Ocean Expedition

Student Participation

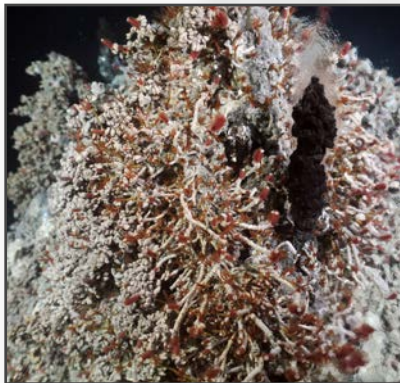
~August 5 - Sept 7, 2022

Three ~10 day Legs

OCEAN 411



Submit application by May 15, 2022



Interested in participating in a major oceanographic expedition?

We are looking for students interested in participating in the UW Sea-Going Research and Discovery course ([OCEAN 411](#)). This at-sea experiential learning course will provide you direct participation on a global-class research ship using a state-of the-art underwater robotic vehicle (ROV). The expedition will take place from ~August 5 to Sept 7, 2022 aboard the 274-foot R/V *Thomas G. Thompson*, utilizing the ROV *ROPOS*. We will be working at depths up to 9500 ft beneath the oceans' surface and at sites that include methane seeps off Oregon; Axial Seamount (the most active submarine volcano off our coast); active hot springs hosting novel biological communities, and in coastal environments off Newport, OR - some of the most biologically-productive waters known. There are no prerequisites for this class - it is open to *all* students, transportation to the ship is provided, and *all* costs are covered except 3 credits tuition for Ocean 411 Fall 2022.

Participation is open for one to all three Legs of the cruise. Each leg is ~ 10 days in length. You will work alongside world class scientists, engineers, and the ship's and ROV crew to gain at-sea research and sea-going experience using advanced oceanographic research instruments and vehicles. You will conduct your own research and/or outreach projects using data collected with some of these tools. The course will emphasize the importance of science communication during your time at sea and throughout Fall quarter. During Fall quarter, you will have the opportunity to finish your individual and/or team projects - these can turn into longer duration projects as well.

As a member of this oceanographic expedition and class, you will be taking part in maintenance of the US's first high-power and -bandwidth ocean observatory directly connected to the Internet - the Regional Cabled Array. You will be participating in a truly groundbreaking effort that continues to transform science and exploration in the worlds' oceans.

APPLICATION FOR VISIONS'22 is at <http://www.interactiveoceans.washington.edu/>

Submit application via email by **May 15, 2022** to Dr. Deb Kelley (dskelley@uw.edu)