Established in 2011, the Department of Ecosystem Science and Sustainability investigates the intricate physical, chemical, human, and biological interactions driving ecosystems. Our responsibility is to understand the world's ecosystems and the effect of human societies on ecosystem processes and their long-term sustainability. Research and education are central to that understanding, enhancing our ability to manage for the sustainability of ecosystems, societies and the biosphere.

The Department of Ecosystem Science and Sustainability currently offers the following degrees and certificates:

- Major in Ecosystem Science and Sustainability
- Major in Watershed Science and Sustainability
- Minor in Watershed Science
- Graduate Certificate in Carbon Management
- Graduate Certificate in Water Resources
- Master of Science in Ecosystem Sustainability
- Master of Science in Watershed Science
- Professional Science Master's in Ecosystem Science and Sustainability
- Ph.D. in Ecosystem Sustainability
- Ph.D. in Watershed Science