Established in 2011, the Department of Ecosystem Science and Sustainability investigates the intricate physical, chemical, human, and biological interactions driving ecosystems.

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

- Major in Ecosystem Science and Sustainability
- Major in Watershed Science
- 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
- Ph.D. in Ecosystem Sustainability
- Ph.D. in Watershed Science
- Professional Science Master's in Ecosystem Science and Sustainability