The Department of Ecology and Conservation Biology (ECCB) offers graduate programs leading to the MS and PhD degrees in Ecosystem Science and Management, and the MAgr degree in Ecosystem Science and Management. The MS and PhD degrees are intended to educate scientists and professionals in research and management in natural resources and related fields. The MS offers a thesis option for those who desire a serious research experience and a non-thesis option for those who seek a professional career outside of research. The MAgr degree is a professional (non-research) degree programs providing advanced training in the science and management of natural resources, including a required internship.

Fields of study are available in:

1. Ecosystem Science: biogeochemistry, ecohydrology, global change ecology, landscape ecology, ecological restoration, ecophysiology;
2. Ecosystem Management: forest management, rangeland management, watershed management, natural resource economics and policy, human dimensions of ecosystem management;
3. Genetics, Systematics, Evolution: genetics, molecular biology, genomics, population genetics, tree improvement, plant systematics and evolution;
4. Spatial Sciences: geographic information systems, remote sensing, spatial analysis and statistics.

Facilities within the department include modern teaching classrooms and laboratories. There are fifteen state of the art research laboratories in the department, including the Stable Isotopes for Biosphere Sciences Laboratory, the Spatial Sciences Laboratory and the S.M. Tracy Herbarium. Field sites and facilities are available throughout Texas and many of them are associated with research and extension centers connected with the department. The ECCB faculty acquire external competitive research grants and contracts that provide funding for additional research avenues and graduate student support.

Graduate courses are designed to develop the academic skills of individuals and to advance their knowledge in the professional fields related to ecosystem science and management. Departmental seminars facilitate graduate student development and serve to relate the most recent research findings applicable to the discipline. The department welcomes applications from students with diverse educational backgrounds, experiences and interests. Individually planned graduate programs assure a focused education that meets the needs of each candidate.

Additional information on academic programs and faculty may be found at http://essm.tamu.edu.
Hurtado Clavijo, Luis, Associate Professor  
Ecology and Conservation Biology  
PHD, Rutgers, 2002

Hyodo, Ayumi, Research Assistant Professor  
Ecology and Conservation Biology  
PHD, The University of Western Ontario, 2010

Kreuter, Urs, Professor  
Ecology and Conservation Biology  
PHD, Utah State University, 1992

Lacher, Thomas, Professor  
Ecology and Conservation Biology  
PHD, University of Pittsburgh, 1980

Lawing, Anna, Associate Professor  
Ecology and Conservation Biology  
PHD, Indiana University, 2012

Light, Jessica, Associate Professor  
Ecology and Conservation Biology  
PHD, Louisiana State University, 2005

Loopstra, Carol, Associate Professor  
Ecology and Conservation Biology  
PHD, North Carolina State University, 1992

Mateos, Mariana, Associate Professor  
Ecology and Conservation Biology  
PHD, Rutgers, 2002

Moore, Georgianne, Professor  
Ecology and Conservation Biology  
PHD, Oregon State University, 2004

Mora-Zacarias, Miguel, Professor  
Ecology and Conservation Biology  
PHD, University of California, Davis, 1990

Noormets, Asko, Professor  
Ecology and Conservation Biology  
PHD, Michigan Technological University, 2001

Osorio Leyton, Javier, Visiting Lecturer  
Ecology and Conservation Biology  
PHD, Virginia Polytechnic Institute and State University, 2012

Perkin, Joshuah, Assistant Professor  
Ecology and Conservation Biology  
PHD, Kansas State University, 2012

Popescu, Sorin, Professor  
Ecology and Conservation Biology  
PHD, Virginia Tech, 2002

Rogers, William, Professor  
Ecology and Conservation Biology  
PHD, Kansas State University, 1998

Smeins, Fred, Visiting Professor  
Ecology and Conservation Biology  
PHD, University of Saskatchewan, 1967

Spalink, Daniel, Assistant Professor  
Ecology and Conservation Biology  
PHD, University of Wisconsin-Madison, 2015

Srinivasan, Raghavan, Professor  
Ecology and Conservation Biology  
PHD, Purdue University, 1992

Struminger, Rhonda, Assistant Professor of the Practice  
Ecology and Conservation Biology  
PHD, Texas A&M University, 2013

Veldman, Joseph, Assistant Professor  
Ecology and Conservation Biology  
PHD, University of Florida, 2010

Voelker, Gary, Professor  
Ecology and Conservation Biology  
PHD, University of Washington, 1998

Watson, Wesley, Lecturer  
Ecology and Conservation Biology  
PHD, Texas A&M University, 1999

West, Jason, Associate Professor  
Ecology and Conservation Biology  
PHD, University of Georgia, 2002

Wilcox, Bradford, Professor  
Ecology and Conservation Biology  
PHD, Texas A&M University, 1986

Winemiller, Kirk, Professor  
Ecology and Conservation Biology  
PHD, University of Texas, 1987

Wu, Xinyuan, Professor  
Ecology and Conservation Biology  
PHD, University of Tennessee, Knoxville, 1991

Yorzinski, Jessica, Assistant Professor  
Ecology and Conservation Biology  
PHD, University of California Davis, 2012

**Masters**

- Master of Agriculture in Ecosystem Science and Management (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/ecology-and-conservation-biology/magr/)
- Master of Science in Ecosystem Science and Management (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/ecology-and-conservation-biology/ms/)

**Doctoral**

- Doctor of Philosophy in Ecosystem Science and Management (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/ecology-and-conservation-biology/phd/)