The Department of Ecology and Conservation Biology (ECCB) offers graduate programs leading to the MS and PhD degrees in Ecology and Conservation Biology. 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.

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 Ecology and Conservation Biology. 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 eccb.tamu.edu (https://eccb.tamu.edu).

Faculty

Barboza, Peregrine, Professor
Ecology and Conservation Biology
PHD, University of New England, 1991

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PHD, Brigham Young University, 1979

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PHD, Colorado State University, 1978

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PHD, University of Pisa, Italy, 2006

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PHD, San Louis University, 2010

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PHD, State University of New York - Binghamton, 1996

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PHD, Mississippi State University, 1983

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PHD, Wake Forest University, 2014

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PHD, Colorado State University, 1974

Hurtado Clavijo, Luis, Associate Professor
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Kreuter, Urs, Professor
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PHD, Utah State University, 1992

Lacher, Thomas, Professor
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PHD, University of Pittsburgh, 1980

Lawing, Anna, Associate Professor
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PHD, Indiana University, 2012

Light, Jessica, Associate Professor
Ecology and Conservation Biology
PHD, Louisiana State University, 2005
<table>
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<tr>
<th>Name</th>
<th>Title</th>
<th>Department</th>
<th>Degree</th>
<th>Institution</th>
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<tr>
<td>Loopstra, Carol</td>
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<tr>
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<td>Veldman, Joseph</td>
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<td>University of Florida, 2010</td>
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<td>Voelker, Gary</td>
<td>Professor</td>
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<td>University of Washington, 1998</td>
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<td>Associate Professor</td>
<td>Ecology and Conservation Biology</td>
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<td>University of Georgia, 2002</td>
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</tbody>
</table>

**Masters**

- Master of Science in Ecology and Conservation Biology (http://catalog.tamu.edu/graduate/colleges-schools-interdisciplinary/agriculture-life-sciences/ecology-and-conservation-biology/ms/)

**Doctoral**

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