

Department of Landscape Design and Ecosystem Management (LDEM)

Chairperson: Talhouk, Salma N.
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Associate Professor: Farajalla, Nadim

Graduate Programs

The graduate study program leading to the MS degree with thesis or non-thesis options is offered with a specialization in Ecosystem Management.

The program educates students in ecosystem science and management by integrating instruction in biophysical and human systems. It provides students with sufficient research experience, and it equips them with the necessary tools for professional practice and/or the pursuit of higher education.

The program crosses traditional boundaries by applying an interdisciplinary approach and multiple resource knowledge to ecosystem studies, while also emphasizing human-nature interactions.

Natural resources management involves not only the understanding of ecosystem structure and function when used for a variety of purposes, but also the incorporation of social, economic and political considerations into decision-making. Consequently, the discipline involves the collection, analysis, interpretation and integration of information not only from the more traditional areas of science but also from the areas of management.

Ecosystem Management Courses

ENSC 630 Natural Resource Management 3 cr.
LDEM 630

Ecosystem approach to NRM. Data sources and interpretation for NRM. Physical, socio-economic, cultural, political, and geographic specificity of NRM. Principles and processes of NRM. Case studies and practical examples in contrasting situations.

