

# Master of Science with specialization in Environmental Planning

## 42 credits

### Specific Program Admission Requirements

1. Have obtained a Bachelor of Science degree from an accredited university with a minimum cumulative GPA of 2.75.
2. Have obtained a bachelor's degree in any other discipline at an accredited university with a minimum cumulative GPA of 2.75, provided that the student successfully completed the following courses: mathematics (6 credit hours), biology (8 credit hours), chemistry (8 credit hours), physics (8 credit hours) and sciences (3 credit hours).
3. Have completed the following introductory courses: computers (3 credit hours), economics (3 credit hours), sociology (6 credit hours) and statistics (3 credit hours).

### Program Description

This specialization prepares students to assume management responsibilities required by today's environmental field. The academic experience of the School allow students to develop the competencies in the area of environmental management which will enable them to assume leadership positions in the public and private sectors. The main goal of the program is to prepare an educated and skilled professional who contributes to solving the environmental problems of the world to achieve a sustainable development.

### Program Objectives

The goal of this study program is to train professionals to research and plan strategies that respond to and solve environmental situations that may affect the coexistence and quality of life of the human being. It trains professionals to work the environmental problem rigorously and in an interdisciplinary way that considers the rest of the social and economic problems of society.

Program sequence will be available at the time of enrollment.

The language of instruction and program delivery modality are subject to availability.

### Notes:

1. ENMP 670 and ENMP 671 are full semester courses.

### Program Curriculum

Core courses		
Course	Title	Credits
ENVI 500	Fundamentals of Environmental Sciences	3
ENVI 501	Statistical Methods Applied to Environmental Research	3
ENVI 502	Waste Management	3
ENVI 503	Environmental Legislation: Multilateral Environmental Agreements	3
ENVI 504	Environmental Documents and Evaluation	3
<b>Total</b>		<b>15</b>
Specialization courses		
Course	Title	Credits
ENMP 550	Environmental and Natural Resources Economy	3
ENMP 551	Principles of Environmental Technology	3
ENMP 552	Environmental Communication and Writing	3
ENMP 553	Environmental Strategic Planning	3
ENMP 554	Environmental Quality Control Management	3
<b>Total</b>		<b>15</b>
Elective courses (Select two courses – 6 credits)		
Course	Title	Credits
ENMP 590	Environmental Risk Management	3
ENMP 591	Energy Sources and Environment	3
ENMP 592	Comparative Environment Risk Assessment	3
ENMP 593	Current Topics in Environmental Affairs	3
ENMP 594	Climatology and Atmospheric Pollution	3
ENMP 595	Tropical Ecosystems	3
ENMP 596	Environmental Auditing	3
ENMP 597	Fundamentals of Hydrogeology	3
<b>Total</b>		<b>6</b>
Research Courses		
Course	Title	Credits
ENMP 670	Research Proposal	3
ENMP 671	Thesis	3
<b>Total</b>		<b>6</b>
<b>Total credits</b>		<b>42</b>