

Master of Science with specialization in Environmental Planning

Credits: 42

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 Outcomes

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.

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| Core / Professional Courses | | | |
|--|--|----------------|-----------------------|
| Course | Title | Credits | Prerequisites |
| ENVI 500 | Fundamentals of Environmental Sciences | 3 | |
| ENVI 501 | Statistical Methods Applied to Environmental Research | 3 | |
| ENVI 502 | Waste Management | 3 | ENVI 500 |
| ENVI 503 | Environmental Legislation: Multilateral Environmental Agreements | 3 | ENVI 500 |
| ENVI 504 | Environmental Documents and Evaluation | 3 | ENVI 500 AND ENVI 503 |
| TOTAL | | 15 | |
| Specialization Courses | | | |
| Course | Title | Credits | Prerequisites |
| ENMP 550 | Environmental and Natural Resources Economy | 3 | |
| ENMP 551 | Principles of Environmental Technology | 3 | ENVI 500 |
| ENMP 552 | Environmental Communication and Writing | 3 | ENVI 504 |
| ENMP 553 | Environmental Strategic Planning | 3 | |
| ENMP 554 | Environmental Quality Control Management | 3 | ENVI 500 |
| TOTAL | | 15 | |
| Elective Courses (Select two courses – 6 credits) | | | |
| Course | Title | Credits | Prerequisites |
| ENMP 590 | Environmental Risk Management | 3 | ENVI 500 AND ENVI 501 |
| ENMP 591 | Energy Sources and Environment | 3 | ENVI 500 |
| ENMP 594 | Climatology and Atmospheric Pollution | 3 | ENMP 551 |
| ENMP 595 | Tropical Ecosystems | 3 | ENMP 551 |
| ENMP 596 | Environmental Auditing | 3 | |
| ENMP 597 | Fundamentals of Hydrogeology | 3 | ENVI 500 |
| TOTAL | | 6 | |
| Research Courses | | | |
| Course | Title | Credits | Prerequisites |
| ENMP 670 | Research Proposal | 3 | 36 CREDITS |
| ENMP 671 | Thesis | 3 | ENMP 670 |
| TOTAL | | 6 | |
| TOTAL CREDITS | | 42 | |

Notes:

1. ENMP 670 and ENMP 671 are full semester courses.
2. Graduation GPA: 3.00