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Personería Jurídica No. 192 de 1946 de Mingobierno  
Nit.: 860.013.798-5



## FREE UNIVERSITY PEREIRA SECTION

### UNDERGRADUATE PROGRAM IN ENVIRONMENTAL ENGINEERING



#### SUBJECT: ENVIRONMENTAL SOCIOLOGY

CODE: 12646

SEMESTER: ROOM

HOURS WEEKLY: 3

THEORETICAL: 4

PRACTICES: 0

REQUIREMENTS: ECOLOGY

#### GOALS :

That the student understands the bases of the process of ecological deterioration historically, that understands its causes, its consequences, its characteristics, its tendencies and its agents.

That the student distinguishes the main sets of ecosystems, knows how to locate them, distinguish them, qualify them and have the basic knowledge for their future exploitation.





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To have a good understanding of the history and environmental geography of Colombia and Venezuela

#### **METHODOLOGY:**

The teacher must ensure that his students understand the content and development very well of the subject from the beginning. It will use various forms of teaching, taking advantage the advantages of group and individual research work. Will propose studies on the way in which man has exploited natural resources, will carry out analysis of the current reality of both countries at the environmental level and will prepare a comparative diagnosis of their characteristics.



#### **CONTENT :**

1. Environmental history of Colombia and Venezuela
2. Pre-Columbian communities, sociology and use of natural resources
3. The Spanish conquest: the beginning of the environmental problem, the extinction of the indigenous people, royal institutions, the use of natural resources.  
Environmental Change. Capitalist and Mercantilist Economy. Introduction of domestic animals and plants of economic interest, technological improvements





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logics. Dynamics of change in various Colombian regions.

4. History of reforestation in Colombia and Venezuela: transformation of

terrestrial ecosystems. Advance of erosion in both countries.

Biodiversity and the extinction of organisms. The Botanical Expedition.

5. Current environmental problems in both countries: deforestation,

erosion, extinction, unsustainable development, improper use of resources

natural resources, lack of environmental education, overpopulation

tion, the growth of cities

6. Socioeconomic history of Colombia and Venezuela

7. Main events. New Granada, the struggle for independence

defense. The main characters: Bolívar, Santander, Marino, Torres.

8. The development of capitalism. The first industries. Farms

agricultural, the development of trade. Primary farms

9. Current problems in Colombia and Venezuela: Environmental, socio-

economic, political, commercial. The relations between both countries, the

education, trade balance, communication channels, etc.

10. Fundamental concepts of economics



#### **BIBLIOGRAPHY:**





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Tirado Mejia A. Socioeconomic History of Colombia. ed. Oveja Negra, Bogota, 1975

LIEVANO AGUIRRE Y. The Great Events of our History.

MOLINA The Liberal Ideas of Colombia. By Oveja Negra, Bogotá, 1978



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