



UNIVERSIDAD LIBRE®

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



FREE UNIVERSITY PEREIRA SECTION

UNDERGRADUATE PROGRAM IN ENVIRONMENTAL ENGINEERING



SUBJECT: ENVIRONMENTAL IMPACT ASSESSMENT

CODE:	129322
SEMESTER:	NINTH
AREA:	APPLIED ENGINEERING
MODE	THEORETICAL - PRACTICAL
PREREQUISITE	PROJECT FORMULATION AND EVALUATION
IHS	2
HTSI	4
NUMBER OF CREDITS:	2

GOALS

That the student is able to carry out the environmental impact assessment of a project and propose the respective mitigation measures.

METHODOLOGY

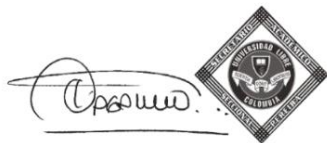
The course will be developed with master lectures by the professor on the content basics of the subject; for their part, students will strengthen their knowledge of the subject through recommended readings, consultations with the professor, and through a study of environmental impact and management plan of a project that the student will develop during over the course of the semester.





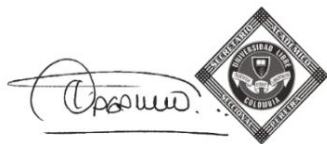
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WORK PROGRAM

- General Concepts
- Typology of environmental impacts
- Typology of environmental impact assessments
- Applicable legislation
- New methodologies for environmental impact assessment
- Qualitative assessment of environmental impact
- Study of the project and its environment, impact matrix, importance matrix
- Quantitative assessment of environmental impact
- Procedures, predictions of impact magnitude, impact assessment, impact prevention.
- Transformation functions of environmental elements.



LITERATURE

- FERNANDEZ, Conesa. Methodological Guide for Environmental Impact Assessments. Ed. Grafo SA Spain, 1995.
- DUEK J. Methods for Environmental Impact Assessment. Smith Editores. Caracas, 1979
- MINISTRY OF THE ENVIRONMENT. Legal Framework of Environmental Law Colombian. Bogotá, 1996.





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- SEMINAR ON ENVIRONMENTAL IMPACT DECLARATION AND ASSESSMENT. University
from Antioch. Medellin. 1993.

