



## UNIVERSIDAD DE GUADALAJARA

CENTRO UNIVERSITARIO DE CIENCIAS  
ECONÓMICO ADMINISTRATIVAS

**MBA**

COURSE PROGRAM

BASE FORMAT

1.- SUBJECT

**Sustainable development**

2.- SUBJECT CODE

**D0861**

3.- PREREQUISITES

4.- SERIATION

**None**

5.- TRAINING AREA

6.- DEPARTMENT

**ECONOMY**

7.- ACADEMY

8.- TYPE OF COURSE

**Classroom**

9.- TYPE OF SUBJECT

**Course**

10. - SCHEDULE

<b>THEORY</b>	<b>PRACTICE</b>	<b>TOTAL</b>
<b>48</b>	<b>48</b>	<b>96</b>

11.- CREDITS

**6**

12.- EDUCATION LEVEL

**Master Degree**

### 13.- PRESENTATION

### 14.- EDUCATION STUDENT PROFILE

- The student will get a perception of the development representation and its consequences in the study regions

### 15. - OBJECTIVES OF THE PROGRAMME

#### General objectives:

- This program teaches to the student to understand and interpret a harmonic develop, as well as it will give you the basic element to foment a basic environment awareness that contribute to the competitive organization.

#### Specific objectives:

- Understand and manage the approaches and elements of production processes and their relationship to sustainability.
- Train change agents who exercise a leadership oriented to continuous improvement and environmental protection.
- Highlight and promote the importance of human quality in the processes of strategic change in sustainable development.
- Generate participatory spaces through the resolving cases.

### 16. - THEMATIC CONTENT

#### **UNIT I. ENVIRONMENTAL ISSUES: Origin and Evolution**

- The human impact on the biosphere
- First manifestations of environmental interest
- Major environmental problems
- Initiatives of international organizations
- Initiatives in Mexico
- The evolution of environmental factors
- The present, planetary dysfunctions
- Environmental factors and forces

## **UNIT II. ENVIRONMENTAL LEGISLATION IN MEXICAN COMPANY**

- Basis of the legal framework
- political realities that affect the environment
- The evolution of the motivating forces of environmental management
- Globalization of environmental management

## **UNIT III. ENVIRONMENTAL MANAGEMENT SYSTEMS**

- Background
- Introduction to environmental systems
- Environmental management under standards at the end of the tube
- Environmental Management Reengineering
- The model ISO 14001
- Environmental strategies

## **UNIT IV. SUSTAINABLE DEVELOPMENT**

- Concept
- Objectives
- The current situation
- The dimensions of sustainable development
- planning to strategic planning regulations
- From Awareness to Action

## **UNIT V. SUSTAINABLE DEVELOPMENT AND MODELS**

- Development and sustainability
- Sustainable development and international agency
- State and civil society to the challenges of sustainability
- Sustainability, country and city
- The impact of environmental degradation on society and the economy

## 17. - BIBLIOGRAFY

- ANTOLOGÍAS DE LA MAESTRÍA EN EDUCACIÓN AMBIENTAL. UNIVERSIDAD DE GUADALAJARA CUCBA, 2004.
- GUÍA DE EDUCACION AMBIENTAL SOBRE DESARROLLO SUSTENTABLE. COLECCIÓN.
- SOCIEDAD Y AMBIENTE. EDITORIAL UNIVERSIDAD DE GUADALAJARA. 1994.
- Los principios de la Economía Ecológica. Textos de P. Geddes, Podolinsky y S. Soddy.
- Legislación Ambiental Aplicable a las empresas de México. Medio Ambiente y Desarrollo. Paolo Bifani, Universidad de Guadalajara, 3a. Ed. 1997

## 18. - PROFESSIONAL APPLICATION

- The student will exercise the attitude and sustainable management practices

## 19.- PROFESSOR

Prof. Jesús Héctor Grave Prado  
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## 20.- PROFESSOR PROFILE

Experience in production processes in the manufacturing industry from the perspective of operations and from a financial vision and its relationship to the environment. Online Research Doctorate in Sciences: Environmental Economics - Evaluation of environmental impacts of the processing industry -

## 21.- LEARNING PROCESS

During the course two methods work shall apply: The exhibition and participatory. In the first exhibition that serves as a framework for group work, team and individual, and the second one, the students will be provided of dynamics.

**22.- EXTRACURRICULAR ACTIVITIES**

**23. - FORMULATION, APPROVAL AND VALIDATION**

**24. - ASSESSMENT OF LEARNING**

Research and presentation of relevant topics 40%  
Solution Case 20%  
Integrator work 40%  
Total: 100%

**25. - CURRICULUM ASSESSMENT**

Lecturers, Academic Council, annual review

**26. - CURRICULUM MAP**

**27. - PARTICIPANTS AND DATE PROCESSING PROGRAM**

Prof. Jesús Héctor Grave Prado

February 2015