



Anexo 8.3



LEARNING UNIT: Quality management and environment.	Last update: January 2015
Major: Energy Management and Sustainable Development	Plan: 401
Semester: 4th	CREDITS: 3

Week	Topic	Activities, homework and exams	Bibliography
1	Presentation of the program and indications about the ways to evaluate	Expositive facilitation of the teacher	N/A
2	1. Stage 1: Conceptualization of environmental concepts	Exposition of the students and Group Debate Evidence 1: Frame summary of the main environmental concepts.	<ul style="list-style-type: none"> Blanco Cordero, Marta (2004) <i>Gestión Ambiental. Camino al desarrollo sostenible</i>. España: EUNED. Sánchez y Gándara, Arturo (2011) <i>Conceptos Básicos de gestión ambiental y desarrollo Sustentable</i>. Instituto Nacional de Ecología, México: Semarnat.
3	1. Stage 1: Conceptualization of environmental concepts	Exposition of the students and Group Debate	<ul style="list-style-type: none"> Blanco Cordero, Marta (2004) <i>Gestión Ambiental. Camino al desarrollo sostenible</i>. España: EUNED. Sánchez y Gándara, Arturo (2011) <i>Conceptos Básicos de gestión ambiental y desarrollo Sustentable</i>. Instituto Nacional de Ecología, México: Semarnat.
4	1. Stage 1: Conceptualization of environmental concepts	Exposition of the students and Group Debate	<ul style="list-style-type: none"> Blanco Cordero, Marta (2004) <i>Gestión Ambiental. Camino al desarrollo sostenible</i>. España: EUNED. Sánchez y Gándara, Arturo (2011) <i>Conceptos Básicos de gestión ambiental y desarrollo Sustentable</i>. Instituto Nacional de Ecología, México: Semarnat.



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5	2. Stage 2: environmental regulatory framework of México	Exposition of the students and Group Debate Evidence 2. Written analysis of the main sections of the General Law of Ecological Balance and Environmental Protection (LGEEPA).	<ul style="list-style-type: none">Marco normativo ambiental SEMARNAT. http://www.semarnat.gob.mx/leyes-y-normas/leyes-federales
6	2. Stage 2: environmental regulatory framework of México	Exposition of the students and Group Debate	<ul style="list-style-type: none">Marco normativo ambiental SEMARNAT. http://www.semarnat.gob.mx/leyes-y-normas/leyes-federales
7	2. Etapa 2: Marco normativo ambiental de México.	Exposition of the students and Group Debate	<ul style="list-style-type: none">Marco normativo ambiental SEMARNAT. http://www.semarnat.gob.mx/leyes-y-normas/leyes-federales
8	3. Step 3: international regulatory framework in environmental matters	Exposition of the students and Group Debate Evidence 3. Class presentation that includes European and American international standards. Gray Agenda, Green Agenda, Blue Agenda. Stockholm Public Policy from 1979 to Rio + 20. Revision of the Video ISO 14001 EMS certification requirements presentation https://www.youtube.com/watch?v=spjwQX-acnA	<ul style="list-style-type: none">United Nations Development Program http://www.undp.org/



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9	3. Step 3: international regulatory framework in environmental matters.	<p>Exposition of the students and Group Debate</p> <p>Revision of the Video Agenda 21 in Less Than 5 Minutes https://www.youtube.com/watch?v=govL-fUAwMA</p>	<ul style="list-style-type: none"> • United Nations Development Program http://www.undp.org/
10	4. Stage 4: Protection of the environment.	<p>Exposition of the students and Group Debate</p>	<ul style="list-style-type: none"> • Mora Ruiz Manuela (2007) <i>La gestión ambiental compartida: Función Pública y Mercado</i>. España: Editorial Lex Nova.
11	4. Stage 4: Protection of the environment.	<p>Exposition of the students and Group Debate</p>	<ul style="list-style-type: none"> • Mora Ruiz Manuela (2007) <i>La gestión ambiental compartida: Función Pública y Mercado</i>. España: Editorial Lex Nova.
12	4. Stage 4: Protection of the environment.	<p>Exposition of the students and Group Debate</p> <p>Evidence 4. Synoptic chart representing the principal concepts related to environmental degradation.</p>	<ul style="list-style-type: none"> • Mora Ruiz Manuela (2007) <i>La gestión ambiental compartida: Función Pública y Mercado</i>. España: Editorial Lex Nova.
13	5. Stage 5: Program planning of environmental management.	<p>Exposition of the students and Group Debate</p> <p>Evidence 5 Planning and Timeline of the proposed Environmental Management Program.</p>	<ul style="list-style-type: none"> • Avellaneda Cusaría, Alfonso (2007) <i>Gestión Ambiental y planificación del desarrollo. El sujeto ambiental y los conflictos ecológicos distributivos</i>. Colombia: ECOE Ediciones



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14	5. Stage 5: Program planning of environmental management.	Exposition of the students and Group Debate	<ul style="list-style-type: none"> Avellaneda Cusaría, Alfonso (2007) <i>Gestión Ambiental y planificación del desarrollo. El sujeto ambiental y los conflictos ecológicos distributivos</i>. Colombia: ECOE Ediciones
15	Delivery of evidence and results Qualifications uploaded into SIASE (1st Opportunity) Qualifications uploaded into SIASE (1st Opportunity) As mark in the sub-direction scholar calendar	N/A PIA Evidence 6. 25% Managing a project of environmental improvement, allowing them to put into practice the knowledge acquired, respecting the existing legislation, the social demands with respect for diversity of culture, politics and society.	N/A
16	Qualifications uploaded into SIASE (1st Opportunity) As mark in the calendar of tutorship sub-direction	N/A	N/A
17	Class Course of Second Opportunity	Exposition of class and delivery of the evidences	Bibliography suggested
18	Class Course of Second Opportunity	Exposition of class and delivery of the evidences	Bibliography suggested
19	Class Qualifications of Second Opportunity in SIASE	N/A	N/A
20	Qualifications of Second Opportunity in SIASE and revision	N/A	

ACTIVIDADES PARA EL ALUMNO

Reports

Exposition

Tests

Final Project



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EVALUACIÓN

Evidence 1: SUMMARY CHART –	10%
Evidence 2: Written analysis of the LGEEPA 1 -	10%
Evidence 3: Class exposition 2 –	10%
Evidence 4: Synoptic chart –	10%
Evidence 5: Plan and timetable of proposed environmental management program –	10%
EXAM –	15%
Product Integrator of Learning: Project of environmental improvement	30%
Attendance and values	5%

Important Notes:

- When:
- a) If you don't have the 70% of the course activities, you have no right of evaluation on Second Opportunity, and it will appear NC, (No cumplió) on your notes.
- b) Ask for a copy, total or partial, in any realized activities during the course.

BIBLIOGRAPHY

Basic Bibliography:

- Avellaneda Cusarí, Alfonso (2007) Gestión Ambiental y planificación del desarrollo. El sujeto ambiental y los conflictos ecológicos distributivos. Colombia: ECOE Ediciones
- Blanco Cordero, Marta (2004) Gestión Ambiental. Camino al desarrollo sostenible. España: EUNED.
- Mora Ruiz Manuela (2007) La gestión ambiental compartida: Función Pública y Mercado. España: Editorial Lex Nova.
- Sánchez y Gándara, Arturo (2011) Conceptos Básicos de gestión ambiental y desarrollo Sustentable. Instituto Nacional de Ecología, México: Semarnat.



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Complementary Bibliography:

- Fernández-Vitoria, Vicente C. (1997). Instrumento de la gestión ambiental en la empresa. España: Mundi-Prensa, S.A.
- Quadri de la Torre, G. (2006) Políticas Públicas y sustentabilidad y medio ambiente. México: Miguel Ángel Porrúa.

Electronic Sources:

- Gestión Ambiental SEMARNAT. <http://www.semarnat.gob.mx/temas/gestionambiental/Paginas/inicio.aspx>
- Leyes Federales de México Vigentes. <http://www.diputados.gob.mx/LeyesBiblio/>
- Leyes Federales de México en materia ambiental. <http://www.diputados.gob.mx/LeyesBiblio/regley.htm>
- Marco normativo ambiental SEMARNAT. <http://www.semarnat.gob.mx/leyes-y-normas/leyes-federales>
- Sitios de Naciones Unidas
- United Nations Development Program <http://www.undp.org/>
- Agenda 21 in Less Than 5 Minutes <https://www.youtube.com/watch?v=govL-fUAwMA>
- ISO 14001 EMS certification requirements presentation <https://www.youtube.com/watch?v=spjwQX-acnA>

Hemerography:

- Red de Desarrollo Sostenible de Colombia: <http://www.rds.org.co/gestion/>

ccp. Secretarios Académicos
ccp. Auxiliar Académico
ccp. Alumno