UCLouvain

lbres2218

2020

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

3 credits	22.5 h + 15.0 h	Q1 and Q2

Teacher(s)	Bielders Charles (coordinator) ;SOMEBODY ;Vanclooster Marnik ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	Seminar 1 ECTS: Seminars given by professionals from the soil and water sector. Both experts from the public and private sector present seminars. 1 ECTS: Seminars given by students on a subject related to soil and water management, encompassing the environmental, economic , social and legal aspects of soil and/or water management. Suggested topics : European legislation on integrated water management. Integrated water management in Europe and in developing countries. Soil remerdiation. Framework directives on water and soil protection . Managing multi-purpose dams. Water and public health in the tropics. Etc ...
Aims	a. Contribution de l'activité au référentiel AA (AA du programme) M1.4 ; M2.2 ; M2.4 ; M2.5 ; M5.1 ; M5.3 ; M6.1 ; M6.2 ; M6.3 ; M6.4 ; M6.5 ; M6.6 ; M6.7 ; M6.8 ; M8.3 ; M8.6 b. Formulation spécifique pour cette activité des AA du programme After the seminars (2 ECTS) , the student : 1 - will have been confronted with the complexity of soil and water resources management and engineering, through seminars given by professionals of the sector; - will have raised awareness of the environmental, legal, economic and sociological aspects of soil and water resources management programs, both in temperate and tropical regions - will have raised awareness of the functioning of enterprises and organizations working in the soil and water sector ; - is able to perform a SWOT analysis in relation to a project; - will have increased his skills in communicating project results; and - will have strengthened his capability for doing teamwork. - - - - *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Evaluation methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** - Professional seminar. SWOT sheet: For each expert seminar, the student makes a SWOT analysis (strengths, weaknesses, opportunities and threats)of a solution presented by the expert. - Student Seminar. Multi-criteria evaluation. Scientific, technical and formal quality of the presentation, quality of responses. Evaluation by teachers and fellow students
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Presentations by professionals: A specific soil and/or water engineering or management problem is presented by the professional expert. Presentations by students in student group: A specific soil and/or water engineering or management problem is presented, based on a literature review. Due to lecture room capacity limitations related to the COVID crisis, some part of the course can be organised at distance.
Content	Seminar During the first 8 weeks, external professionals present seminars during 2 hours. Then, students present topical seminars. Topical seminars are presented in groups of 2 to 4 persons.
Inline resources	• A course vademecum, describing the details of the programme, is available on Moodle. • For the seminar, a copy of the slides is available on Moodle.

Other infos	This course can be given in English.
Faculty or entity in charge	AGRO

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Environmental Bioengineering	BIRE2M	3		
Master [120] in Agriculture and Bio-industries	SAIV2M	2		