

SYLLABUS

Identification of the teaching subject

Title : **Ecology and environnement**

Teaching Unit: Fondamental

Credits: 6 Coefficient : 3

- Total number of courses per week: 3h
- Total number of guided Works per week : 1h30

Course coordinator

Mazri Mouna , Senior Lecturer.

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Description of the teaching subject

- Previous knowledge : General environmental knowledge
- General aims of the course:

Integration of the environmental component in urban planning with regard to limiting pollution caused by human activities, preventing nuisances and risks, and protecting natural areas and endangered species.

- Learning objectives to be assessed:

Acquire academic knowledge of the environment, ecology and other related concepts..

Course titles and Timetable

Course titles	Previous date
Course 1 : Overview of the Concept of Environment & Derived Concepts	11th October
Course 2 : The environmental issue : a matter of resources.	18 th October
Course 3 : The environmental issue : a matter of resources.	25 th October
Course 4 : About the concept of ecology and urban ecology.	08 th october
Course 5 : The environmental protection as an international issue.	15 th November
Course 6 : The environmental protection as an international issue.	22 th November
Course 7 : The sustainable development tools : Indicators and « Agenda 21 »	29thNovember
Course 8 : The sustainable development tools : Indicators and « Agenda 21 »	6 th December
Cours 9: The sustainable city.	13th December
Course 10 : The sustainable city facing pollutions	20th December
Course 11: The sustainable city facing pollutions	10january

Course 12 : The environmental crisis in Algeria:	17 th January
Course 13 : National environmental protection strategies	24th January
Revision	

Guided works

The guided works are themed around current environmental issues in urban studies.

Assesment Method

Type of assesment	Weighting
1. Exam	70%
2. Progression :	30%
1.1. Short exam	15%
1.2. Guided works	15%
Total	100%

Références

1. EL ABOUDI, A. Cours écologie végétale, Faculté des Sciences –Rabat Laboratoire de Botanique, Mycologie et Environnement, Université Mohammed V- Agdal. 2015.
2. Armand-Fargues,M.« L'environnement urbain entre écologie et urbanisme ». In « Villes du Sud... sur la route d'Istanbul ». Orstom,1996, pp 167-199
3. Bachar, K. « *Quelques chiffres autour de l'évolution de la population urbaine en Algérie* » par. Publié sur RURAL-M Etudes sur la ville – Réalités URbaines en Algérie et au Maghreb. le 02 Octobre 2018.
4. Bah, C., « La problématique environnementale : Interaction entre l'urbanisme et le ruralisme » 2nd FIG Regional Conference Marrakech, Morocco, December 2-5, 2003
5. Benachenhou,A. « le prix de l'avenir, le développement durable en Algérie », Edition Chihab,Algérie,2005,p 67.
6. "The Urban Ecology of Cities: Integrating Socio-Economic and Ecological Approaches" Author: Marzluff, J. M., Shulenberger, E., Endlicher, W., Alberti, M., Bradley, G., Ryan, C., & Simon, U. (Eds.) Year: 2008
7. Ecology of Cities and Towns: A Comparative Approach" Author: McDonnell, M. J., & Hahs, A. K. Year: 2015
8. The Routledge Handbook of Urban Ecology" Author: Douglas, I., Goode, D., Houck, M., Wang, R. (Eds.) Year: 2011
9. Urban Ecology: Science of Cities" Author: Baker, L. A., & Ogden, L. A. Year: 1998
10. Cities as Sustainable Ecosystems: Principles and Practices" Author: Boyer, R. Year: 2005
11. Urban Ecology: An International Perspective on the Interaction Between Humans and Nature" Author: Gaston, K. J., & Collins, S. Year: 2003
12. Urban Ecology and Conservation in an Era of Global Change" Author: Elmqvist, T., Fragkias, M., Goodness, J., Güneralp, B., Marcotullio, P. J., McDonald, R. I., ... & Simon, D. Year: 2013
13. The Ecology of Urban Environments" Author: Gaston, K. J., & Warren, P. H. Year: 2016
14. Urban Wildlife Conservation: Theory and Practice" Author: Shaw, W. W., & Harris, L. K. Year: 2015

Signature de l'enseignant