
COURSE: HYGIENE AND HEALTH LEGISLATION

ACADEMIC YEAR:

TYPE OF EDUCATIONAL ACTIVITY: Free choice

TEACHER: Antonio Romaniello

e-mail: anto.romaniello@tiscali.it

website:

phone: 3687837501

mobile (optional):

Language: ITALIAN

ECTS: (lessons e
tutorials/practice)n. of hours: (lessons e
tutorials/practice)Campus: Potenza/Matera
Dept./School: **science department**
Program: **BIOTECHNOLOGY (L2)**
Program:Semester: i°

EDUCATIONAL GOALS AND EXPECTED LEARNING OUTCOMES The course's objective consists to give to the student the base knowledge of generally and environmental hygiene, generally Epidemiology of infective and not infective diseases.

The course is going to give knowledge about the prevention of main chronic and degenerative disease and about the prophylaxis of infective diseases. The main abilities that the course will give are about the acquisition of the ability of analysis and prevention strategy of the main infective diseases with particular attention to the immunitary prophylaxis by the vaccines.

Course's object is to give base knowledge about oblige and facultative vaccination, primary, secondary and tertiary prevention of chronic-degenerative diseases and about the way to apply such practices. Lessons will give base knowledge about environmental hygiene and health legislation and the necessary skills to the application of the knowledge acquired.

PRE-REQUIREMENTS: it's necessary that the student has acquired and assimilated the knowledge gave from general biology, chemistry and microbiology's course's.

SYLLABUS: General epidemiology, epidemiology of infective diseases, sterilization, disinfection, disinfestation.

General epidemiology and prevention of not infective diseases. Primary, secondary and tertiary prevention. Chronic-degenerative pathologies. Hygiene of physical environment: drinking water, reflux water, solid waste, atmospheric air the microclimate.

Food hygiene, mycotoxins, alimentary toxic infections and infections from food.

Main techniques of food conservation. Hygiene of nutrition, food and nutrients, the LARN, food pyramid, nutritional, security malnutrition, valuation of nutritional status, a correct nourishment in the various stages of life.

Epidemiology and prophylaxis of infections transmitted by air, epidemiology and prophylaxis of disease by fecal-oral route transmission, epidemiology and prophylaxis of diseases transmitted by vectors, epidemiology and prophylaxis of diseases by serum bloodborne transmission and by sexually transmission. Epidemiology and prevention of cardiovascular diseases.

Epidemiology and prevention of malignant tumour and of chronic-degenerative diseases. Epidemiology and prevention of obesity. Main provisions of environment. Main provisions about the health planning and organization.

TEACHING METHODS : the course provides 64 hours of lessons, organised with lessons in the classroom about all the programme.

EVALUATION METHODS the exam's object is to test the achievement of course's objectives. It is an oral examination where it is valued the knowledge about the course's topics, in particular the student will expose a topic of environmental hygiene, one of epidemiology and prophylaxis of infective diseases and one about the prevention of chronic-degenerative diseases.

The student will pass the exam if he adequately explains two of three arguments. It is also important for the final valuation that the student can apply the concepts to real professional that he will face in his future professional engagement.

TEXTBOOKS AND ON-LINE EDUCATIONAL MATERIAL- S. Barbuti, G. M. Fara, G. Giammanco :Igiene e Medicina Preventiva.Vol. I ,Vol. II Monduzzi Editore. Bologna.

_ S. Barbuti, G. M. Fara, G. Giammanco , A. Carducci, M.A. Coniglio, D. D'Alessandro,

M.T. Montagna, M..L. Tanzi, C.M. Zotti :Igiene. Monduzzi Editore. Bologna.

-C Meloni- G. Pelissero: Igiene . Casa Editrice Ambrosiana Milano.

INTERACTION WITH STUDENTS at the beginning of the course, after the description of the characteristics of the discipline and of the course's objectives, the teaching materials will be available to students. The office hours are after the end of lessons, after those hours the teacher will be available by his e-mail.

EXAMINATION SESSIONS (FORECAST)¹

08.02.2017-22.02.2017-08.03.2017-24.05.2017-07.06.2017-21.06.2017-12.07.2017-26.07.2017-13-09-2017-
27.09.2017-11.10.2017-15.11.2017.

SEMINARS BY EXTERNAL EXPERTS YES ☐ NOX ☐

FURTHER INFORMATION

¹ Subject to possible changes: check the web site of the Teacher or the Department/School for updates.