



UNIVERSITÀ DI PISA APPLIED HYGIENE

ANNALaura CARDUCCI

Anno accademico	2019/20
CdS	BIOLOGY APPLIED TO BIOMEDICAL SCIENCES
Codice	045FF
CFU	6

Moduli	Settore/i	Tipo	Ore	Docente/i
IGIENE APPLICATA	MED/42	LEZIONI	48	ANNALaura CARDUCCI

Learning outcomes

Knowledge

The student will acquire the fundamental skills of quality management and risk.

Assessment criteria of knowledge

The student will be assessed with a final oral exam.

Skills

The student will acquire the practical knowledge of general hygiene principles of quality management and risk to human health related to the life and work settings and to foods.

Assessment criteria of skills

During the oral exam students will be encouraged to solve problems related to risk analysis and risk management.

Behaviors

Students will acquire skills in the management of chemical and biological risk in several contexts.

Assessment criteria of behaviors

During the oral exam, the student will be assessed in the use of risk analysis methods.

Prerequisites

Hygiene

Teaching methods

Lectures and seminars with slides. Site elearning used to upload slides. Communication with students through email.

Syllabus

Risk management for primary prevention
Impact assessment and risk
Environmental Impact Assessment (EIA) and Health (VIS)
Risk management: issues and methodologies
Risk analysis and its components: general criteria and applications
Risk assessment: stages and methods for chemical and biological risks
Risk Control: methodologies
Risk Communication: Issues and strategies.
Occupational Risk analysis
Occupational risk factors of the biologist relevance: identification and measure



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healthcare Workplaces

Regulatory

Environmental risk assessment

Environmental risk factors of the biologist relevance: identification and measure

Air and indoor

Water: Liquids, Water Safety Plan

Soil: Solid waste, contaminated sites

Regulatory

Analysis of risks linked to food

Risks associated with food: identification and measurement

Chain production of food and HACCP

Regulatory

Risk and Quality analysis:

Definitions and standards (ISO, CEN, UNI)

Accreditation and Certification

[Bibliography](#)

Recommended textbook: "Professione igienista" Giorgio Gilli, 2010. Casa Editrice Ambrosiana

[Non-attending students info](#)

There are no changes to non-attending students about the program, examination procedures and bibliography

[Assessment methods](#)

The oral test consists of an interview between the candidate, the teacher and other collaborators of the lecturer. The oral test is not accepted if the candidate repeatedly show the inability to properly learn the basics of the course and put parts of the program report and these notions to respond correctly.

Updated: 12/08/2019 15:12