



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA
CENTRO DI ATENEUM PER LA TUTELA E LA PROMOZIONE
DELLA SALUTE E SICUREZZA

PROJECT SHEET

Module 3: Specific training - Second part pursuant to art. 37 of Legislative Decree 81/08 and the State-Regions Agreement of 12/21/2011 (Official Journal No. 8 of 11/01/2012) - Sector ATECO n. 85.42.00
TYPE OF RISKS: CHEMICAL / BIOLOGICAL and SPORT ACTIVITIES

Part 1

a. Purpose of the initiative

University students who are carrying out educational activities in the laboratory during the course of study are treated as workers. In this regard, see the Consolidated Safety Act (Legislative Decree 81/08, art. 2, paragraph 1, letter a) and art. 11 paragraph 4 of the University's Workplace Safety and Health Regulations (D.R. n. 87 dated 07/02/2013). As workers they must therefore be informed and trained in matters of occupational health and safety risks related to the activity carried out.

The proposed training activity is in line with what is defined by the State-Regions Agreement for the training of workers published in the Official Gazette No. 8 of 11/01/2012. In consideration of the risk sector ATECO of the University of Bologna (Public Administration and Education) it can be identified as the average risk, Annex 2 of the Agreement.

The proposed training has been defined together with the Ufficio Formazione sicurezza. It is specified that, pursuant to art. 18 co. 1 letter l of Legislative Decree 81/2008 the proposal constitutes compulsory training.

b. Receiver profile

Students enrolled in the first year of First-cycle and Second-cycle Degree programmes and in the second year of the Single-cycle Degree programmes of the Pharmacy and Biotechnology area

1. Biotecnologie [L], for about 104 receivers
2. Genomics [L], for about 60 receivers
3. Chimica e Tecnologia Farmaceutica [LMCU], for about 120 receivers
4. Farmacia [LMCU], for about 150 receivers
5. Pharmaceutical Biotechnology [LM], for about 40 receivers
6. Biotecnologie molecolari e industriali [LM] for about 50 receivers
7. Biologia della salute sede di Bologna [LM] for about 60 receivers

8. Molecular and Cell Biology [LM] for about 70 receivers

Students enrolled in the first year of the first-cycle and the second-cycle degree programmes of the Sport Science Area

1. Scienze e tecniche dell'attività sportiva [LM] for about 80 receivers
2. Management delle attività motorie e sportive [LM] for about 80 receivers
3. Scienze delle attività Motorie e sportive [L] for about 225 receivers

c. Training methodologies

The course will be held in presence or remotely through Microsoft Teams. See details at point e)

d. Training program and teachers

Contents:

The contents of the training module are:

A) Pharmacy and Biotechnology Area CHEMICAL / BIOLOGICAL risk

- Classification and labeling of dangerous chemicals: safety data sheets
- Chemical agents, carcinogens and mutagens: characteristics and indications for safe use
- Management of chemicals in the laboratory
- Deliberate and potential biological risk: classification of biological agents
- General precautions and handling of biological agents
- Good microbiological practices for containing biological risk
- Transport, handling, storage and disposal of biological samples
- Collective and individual protection devices (DPC and PPE)
- The main laboratory equipment: safe use
- Management of laboratory waste and university procedures
- Physical agents: artificial optical radiation and electromagnetic fields
- Outline of radiation protection

B) Sports Science Area SPORT ACTIVITIES risk

- Your own psychophysical conditions: physical state and emotional state, basic principles for nutrition and physical preparation; self-esteem; resilience.
- Rules of conduct during gym activities: clothing, personal hygiene and equipment
- Rules of conduct during outdoor activities: weather conditions, clothing, safe behavior
- Safety rules for various sports activities
- Manual handling of loads: setting up or moving equipment
- Personal protective equipment
- First aid elements in case of injuries or illnesses: how to assist the injured person awaiting medical help

Duration:

The module lasts four hours.

Trainers:

A) Pharmacy and Biotechnology Area:

- Dr. Laura Zambonin
- Dr. Mauro Cesarini
- Dr Andrea Toschi

B) Sports Science Area:

- Prof. Andrea Ceciliani

Contacts: Dr. Elianna Zirpoli, AFORM - Settore Servizi didattici "Farmacia e Scienze Motorie"**e. Schedule of activities****Pharmacy and Biotechnology Area**

Data edizione	Orario	Aula	Docente	n. studenti	Corso di studio a cui è prioritariamente rivolta l'edizione
5 ottobre 2023	14-18	Aula 1D Navile	Laura Zambonin	70	CTF - II anno
13 ottobre 2023	14-18	Aula 1E Navile	Laura Zambonin	70	CTF - II anno
24 ottobre 2023	13.30-17,30	Aula 1F Navile	Laura Zambonin	60	Biologia della salute - sede di Bologna
26 ottobre 2023	13:30 – 17,30	Aula E Navile	Laura Zambonin	50	Biotecnologie molecolari e industriali
24 novembre 2023	14-18	Aula 1B Navile	Andrea Toschi	40	Pharmaceutical biotechnology
18 dicembre 2023	14-18	Aula 1E Navile	Andrea Toschi	70	Molecular and cell biology
13 dicembre 2023	13,30-17,30	Aula 1D Navile	Laura Zambonin	75	Farmacia - II anno
8 novembre 2023	14-18	Aula A Navile	Mauro Cesarini	70	Biotecnologie
6 dicembre 2023	13:30 - 17,30	Aula 1D Navile	Mauro Cesarini	70	Biotecnologie
9 gennaio 2024	13,30-17,30	Aula A Navile	Mauro Cesarini	75	Farmacia - II anno
23 gennaio 2024	9-13	Aula 1E Navile	Andrea Toschi	60	Genomics

Sport Science Area

Data edizione	Orario	Aula	Docente	n. studenti	Corso di studio a cui è prioritariamente rivolta l'edizione
25 ottobre 2023	14-18	Aula Ex Esercizi Via San Giacomo 12	Andrea Ceciliani	80	Scienze e tecniche dell'attività sportiva
22 novembre 2023	14-18	Aula Ex Esercizi Via San Giacomo 12	Andrea Ceciliani	80	Management delle attività motorie e sportive
28 febbraio 2024	14-18	Aula Ex Esercizi Via San Giacomo 12	Andrea Ceciliani	80	Scienze delle attività motorie e sportive
6 marzo 2024	14-18	Aula Ex Esercizi Via San Giacomo 12	Andrea Ceciliani	75	Scienze delle attività motorie e sportive

27 novembre 2023	14-18	Aula Ex Esercizi	Andrea Cecilianì	70	Scienze delle attività motorie e sportive
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f. Assessment methods

At the end of the Specific Training, Module 3, students will be asked to fill in a self-assessment questionnaire, that can be fill up through Microsoft Forms or on paper form. The questionnaire will be corrected together with the Professor in order to facilitate a further deepening of the course contents. The test is passed with 80% of correct answers.