



**BACHELOR'S DEGREE IN PREVENTION TECHNIQUES  
IN THE ENVIRONMENT AND IN THE WORKPLACE**

**CLASS L / SNT4**

**STUDY PLAN**

**for students enrolling in the first year in the academic year 2022/23**

The Prevention Technician is a professional who deals with risks to human health and their prevention in the living and working places, in the environment, in food production.

Graduates gain technical preventive skills and are involved in all aspects related to risk assessment, management and communication. Prevention technicians operate in the services of the Public Administration dedicated to the control of different risk profiles (Health Authorities, Regional Agencies for the Protection of the Environment) or in companies and consulting offices with risk assessment and management functions (environment, health and safety services).

The issue of occupational and environmental safety is one of the most sensitive in our historical-cultural moment. The need to provide preventive responses to occupational and environmental risks requires the training of professionals who are increasingly capable of assessing, on a scientific basis, the different risk profiles (chemical, physical, biological, ergonomic, etc. ) and who are able to manage and mitigate the risk factors in different life and occupational contexts by decreasing their impact on exposed populations.

## Study plan

The bachelor's degree includes lectures and internships.

Each university credit (CFU) corresponds to 10 hours of lessons.

Each internship credit corresponds to 25 hours of traineeship within affiliated companies.

The courses are classified according to the type of training activity (TAF):

A = basic training activities

B = characterizing training activities

C = related and supplementary training activities

D = educational activities chosen by the student

E = final test

F = other activities

**I year (48 CFU + 12 CFU INTERNSHIP)**

<i>Teaching</i>	<i>Module</i>	<i>Sector</i>	<i>TAF</i>	<i>CFU</i>
CHEMICAL-PHYSICAL SCIENCES (6 CFU)	GENERAL AND INORGANIC CHEMISTRY	CHIM / 03	TO	2
	ORGANIC CHEMISTRY	CHIM / 06	TO	2
	APPLIED PHYSICS	FIS / 07	TO	2
STATISTICAL COMPUTER SCIENCES AND EPIDEMIOLOGY (7 CFU)	MEDICAL STATISTICS	MED / 01	TO	2
	INFORMATICS	ING-INF / 05	B.	2
	EPIDEMIOLOGICAL METHODOLOGY E HYGIENE	MED / 42	B.	3
ENGLISH LANGUAGE		L-LIN / 12	And	3
THE ORGANIZATION OF SECURITY IN THE COMPANY		NN	F.	1
RISK ASSESSMENT METHODS		NN	D.	1
LEGAL SCIENCES (7 ECTS)	CRIMINAL LAW	IUS / 17	B.	3
	LABOR LAW	IUS / 07	B.	2
	ADMINISTRATIVE LAW	IUS / 09	B.	2
BIOMEDICAL SCIENCES (6 CFU)	HUMAN ANATOMY	BIO / 16	TO	2
	HUMAN PHYSIOLOGY	BIO / 09	TO	2
	GENERAL PATHOLOGY	MED / 04	TO	2
BIOLOGICAL SCIENCES (6 CFU)	BIOCHEMISTRY	BIO / 10	TO	2
	APPLIED BIOLOGY	BIO / 13	TO	2
	MICROBIOLOGY	MED / 07	TO	2
SCIENCES AND TECHNIQUES OF PREVENTION IN THE WORKPLACE (8 ECTS)	PREVENTION OF ACCIDENTS AND PROFESSIONAL DISEASES	MED / 50	B.	2
	GOOD PRACTICES FOR THE PREVENTION IN THE WORKPLACE	MED / 50	B.	2
	INDUSTRIAL HYGIENE I	MED / 44	B.	2
	MACHINES AND PRINCIPLES OF ELECTRICAL SAFETY	ING-IND / 32	C.	2
JUDICIAL POLICE ACTIVITIES		NN	D.	1
SPECIFIC LABORATORY	RISK ASSESSMENT LABORATORY	MED / 50	F.	2
1st YEAR ANNUAL INTERNSHIP		MED / 50	B.	12

<b>II year (42 CFU + 18 CFU INTERNSHIP)</b>				
<i>Teaching</i>	<i>Module</i>	<i>Sector</i>	<i>TAF</i>	<i>CFU</i>
OCCUPATIONAL ENVIRONMENTAL CHEMICAL RISK (9 CFU)	PHARMACOLOGY AND GENERAL TOXICOLOGY	BIO / 14	TO	3
	OCCUPATIONAL TOXICOLOGY, ACUTE POISONING AND READY AID	MED / 44	B.	4
	INDUSTRIAL HYGIENE II	ING / IND11	B.	2
SCIENCES AND TECHNIQUES OF PREVENTION IN THE ENVIRONMENT	ECOLOGY	BIO / 7	TO	2
	ENVIRONMENTAL CHEMISTRY	CHIM / 12	B.	2
	PREVENTION OF ENVIRONMENTAL POLLUTION	MED / 50	B.	2
	AUTHORIZATIONS, SURVEILLANCE AND ENVIRONMENTAL CONTROL	MED / 50	B.	2
ENVIRONMENTAL TECHNOLOGIES (6 CFU)	POLLUTION AND WASTE MANAGEMENT	ICAR / 03	B.	2
	POLLUTION AND AIR PURIFICATION	ICAR / 03	B.	2
	POLLUTION AND WATER PURIFICATION	ICAR / 03	B.	2
ENVIRONMENTAL MANAGEMENT OF PRODUCTION SITES		NN	F.	1
FOOD SCIENCES (10 ECTS)	FOOD CHEMISTRY	CHIM / 10	B.	2
	RISK ANALYSIS IN FOOD PRODUCTION	VET / 04	B.	2
	FOOD SCIENCES AND TECHNOLOGIES	AGR / 15	B.	2
	FOOD AND NUTRITION HYGIENE	MED / 42	B.	2
	TECHNIQUES OF PREVENTION IN FOOD AND IN HYGIENE VETERINARY SERVICES	MED / 50	B.	2
HUMAN SCIENCES (6 CFU)	PSYCHOLOGY OF WORK AND OF ORGANIZATIONS	M-PSI / 06	B.	2
	BUSINESS ORGANIZATION	SEC-P / 10	B.	2
	PROFESSIONAL RESPONSIBILITY AND THE PROTECTION OF THE INDIVIDUAL AT WORK	MED / 43	B.	2
SPECIFIC LABORATORY	MANAGEMENT SYSTEMS AND AUDIT TECHNIQUES	MED / 50	F.	2
ANNUAL INTERNSHIP II YEAR		MED / 50	B.	18
<b>III year (30 CFU + 30 CFU INTERNSHIP)</b>				
<i>Teaching</i>	<i>Module</i>	<i>Sector</i>	<i>TAF</i>	<i>CFU</i>
INTERDISCIPLINARY SCIENCES OF PROFESSIONAL DISEASES (10 CFU)	PROFESSIONAL AND WORK-RELATED DISEASES	MED / 44	B.	4
	TECHNIQUES OF THE PREVENTION OF PROFESSIONAL DISEASES	MED / 50	B.	2
	OVERLOAD PATHOLOGIES	MED / 33	B.	2
	HEALTH RADIATION PROTECTION	MED / 44	B.	1
	PHYSICAL RADIATION PROTECTION	MED / 36	B.	1
SCIENCES OF PREVENTION IN LIFE ENVIRONMENTS (7 ECTS)	PREVENTION OF ENVIRONMENTAL-RELATED DISEASES	MED / 50	B.	2
	EMERGENCIES, DISASTERS AND FIRST AID	MED / 41	B.	1
	PREVENTION OF INDOOR POLLUTION	ING-IND / 11	B.	2
	COMMUNICATION OF RISK	SPS / 07	B.	2
COURSES SELECTED BY THE STUDENT			D.	4
COURSE FOR HEAD OF PREVENTION AND PROTECTION SERVICES		NN	F.	3
THIRD YEAR ANNUAL INTERNSHIP		MED / 50	B.	30
FINAL TEST		PROVFIN_S	And	6

FURTHER INFORMATION

<http://www.tdp.univ.fvg.it/>