



UNIVERSITY OF L'AQUILA



Department of Health, Life
and Environmental Sciences

Profile of 2nd Cycle Degree in SCIENCES OF HEALTH PROFESSIONS FOR PREVENTION

Laurea Magistrale in SCIENZE DELLE PROFESSIONI SANITARIE DELLA PREVENZIONE

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**DEGREE PROFILE OF
Laurea Magistrale in SCIENZE DELLE PROFESSIONI
SANITARIE DELLA PREVENZIONE
Second Cycle Degree in SCIENCES OF HEALTH**

PROFESSIONS FOR PREVENTION

TYPE OF DEGREE & LENGTH	Single Degree (120 ECTS-credits)
INSTITUTION(S)	Università degli Studi dell'Aquila - <i>University of L'Aquila</i> , ITALY
ACCREDITATION ORGANISATION(S)	Italian Ministry of Education and Research and Ministry of Public Health Italian Association of Health Prevention Technologists UNPISI - Unione Nazionale Personale Ispettivo Sanitario d'Italia - (www.unpisi.it)
PERIOD OF REFERENCE	Programme validated for 3 years for cohorts starting in October 2012
CYCLE /LEVEL	QF for EHEA: Second Cycle; EQF level: 7; NQF for Italy: Laurea Magistrale

A	PURPOSE	
	<p>Graduates of this course are licensed health professionals and specialists with a good understanding of the public health policies/aims and with scientific base knowledge for contributing in people health.</p> <p>The Master degree programme in “Sciences of Health Professions for Prevention” is developed in accordance with Italian <i>Ministry Decree n.509/1999 (and following integrations)</i>. It provides the students with knowledge and skills allowing them to better understand the basic elements of prevention, to assess and evaluate health prevention and promotion programmes in public health and to participate in health and social services planning and management.</p> <p>The programme meets the requirements of European and National laws and Directives.</p>	
B	CHARACTERISTICS	
1	DISCIPLINE(S) / SUBJECT AREA(S)	Strong theoretical basis on sciences and medicine, preventive Practice (20:30:50)
2	GENERAL / SPECIALIST FOCUS	Specialist on health prevention and promotion with focus on Management issues
3	ORIENTATION	It is an academic degree with a professional orientation applied to the theory and practice of the specific professional profile, according to International and National Directives on Allied Health Professions.
4	DISTINCTIVE FEATURES	This degree has a strong component of interdisciplinary learning with other Health Care professionals and is developed in a stimulating research environment. Students have a 3/6-months placement in health departments in Italy and/or abroad for on-field working experiences and research activities.

C	EMPLOYABILITY & FURTHER EDUCATION	
1	EMPLOYABILITY	<p>Upon successful completion of the Programme, graduates are eligible to work as Health prevention Technologists and join the Italian Association of Health Prevention Technologists UNPISI - Unione Nazionale Personale Ispettivo Sanitario d'Italia - (www.unpisi.it) who have fulfilled the requirements of European Directive ("Professional Qualifications Directive" 2005/36/EC) on the Recognition of Professional Qualifications.</p> <p>Graduates carry out their professional activities in health care facilities, public or private, in National/regional departments Public Health either as employees or freelance workers, as supervisors/organizers of efficacious services and structures. Furthermore they can carry out research and teaching activities at university.</p>
2	FURTHER STUDIES	<p>The Master Degree in Sciences of Health Professions for Prevention normally gives direct access to a wide range of PhD degree programmes in the fields encompassed on Allied Healthcare Professionals. It also gives access to some specializing professional courses.</p>
D	EDUCATION STYLE	
1	LEARNING & TEACHING APPROACHES	Lectures, group-work, individual study and autonomous learning, interprofessional learning, self directed study, work placement.
2	ASSESSMENT METHODS	<p>Assessment is normally made by means of an oral or written examination. The final exam consists in the discussion of a written text aimed at demonstrate that the candidate has acquired the essential professional skills and competences related to the professional profile. Degree holders obtain the credentials for Health Prevention Technologists.</p>
E	PROGRAMME COMPETENCES	
1	GENERIC	<p>The degree programme meets the competences and quality assurance procedures required by <i>Italian Association of Prevention Technologists</i> and by the National Higher Education Quality Assurance Agency (AVA) requirements for degree courses at second level. This includes the Generic Competences expected for the second cycle graduated, as follows:</p> <ul style="list-style-type: none"> — Analysis and synthesis: Knowledge and understanding of the causes of illness and of the functioning and development of the health service, focusing on the prevention of disease as well as on the methodological and theoretical development within core public health disciplines; — Flexible mind: Ability to make autonomous reasoned decisions and to interact with others in a constructive manner, even when dealing with difficult issues; — Leadership, Management and Team-working: Ability to work in a team and to interact constructively with a wide range of health professionals regardless of scientific background and culture and respecting diversity; — Communication skills: Ability to communicate both orally and through the written word in first language and in another European language; — Field culture: Ability to apply knowledge and skills relating to the interactions and interdependencies of health behavior, the physical and social environment, and public policy to affect health at local, state, national and international levels;

	<ul style="list-style-type: none"> — Learning ability: Capacity to learn and stay up-to-date with learning — Problem solving: Ability to address significant health challenges from individual, family, group, organization, neighborhood, community, and societal perspectives within broader and multidisciplinary contexts; — Evaluation: Ability to apply their competencies to assess needs, plan and implement prevention programs, and evaluate program outcomes.
2	SUBJECT SPECIFIC
	<p>The Programme meets all the Specific Competences as established and agreed in collaboration with the field stakeholders, clustered within the key overarching competences summarized below:</p> <p>Deep knowledge and understanding</p> <ul style="list-style-type: none"> -of the contributions of core public health disciplines to the nation’s health; <p>Comprehension/understanding:</p> <ul style="list-style-type: none"> - ability to explain the core principles of public health and their relationship to the health status of groups, communities, and populations at the local, state, national, and international levels. -ability to describe behavioral and non-behavioral variables contributing to morbidity and mortality; -capacity to understand the contributions of health disparities to morbidity and mortality among specific groups, communities, and societies. <p>Analysis:</p> <ul style="list-style-type: none"> - Ability to assess the need for health promotion programs in response to the characteristics of diverse communities of interest using primary and secondary data. <p>Application:</p> <ul style="list-style-type: none"> -ability to apply knowledge and skills relating to the interactions and interdependencies of health behavior and public policy to affect health at local, national and international levels. <p>Synthesis:</p> <ul style="list-style-type: none"> - Capacity to employ a variety of strategies to plan, implement, monitor and evaluate health promotion programs in a variety of settings to meet stated goals, objectives and established standards. <p>Creativity:</p> <ul style="list-style-type: none"> - Ability to choose appropriate strategies and tactics to influence behavioral, environmental, and public policy change to address the health needs in a given community; - ability to plan and enhance the actions aiming to increase human, technological, information and financial resources of the health structures where they work; <p>Evaluation:</p> <ul style="list-style-type: none"> - ability to value the progress and outcomes of prevention programs in meeting stated goals and objectives and established standards. -Ability to identify and evaluate the learning needs of staff employed in the structure and design a suitable training programme; <p>Problem managing:</p> <ul style="list-style-type: none"> - ability to coordinate, administer and manage specific healthcare services offered to communities with a focus on health promotion, prevention and resilience; <p>Communication:</p> <ul style="list-style-type: none"> - ability to communicate both verbally and in writing with patients, relatives, colleagues and other professional groups in multidisciplinary and multiprofessional collaboration.
F	COMPLETE LIST OF PROGRAMME LEARNING OUTCOMES
	<p>A newly graduated Master of Sciences of Health Professions for Prevention should be able to:</p> <ul style="list-style-type: none"> - independently apply knowledge and skills relating to the interactions and interdependencies of health behavior, physical and social environment, and public policy to affect health at any level; - apply their competencies to assess needs, plan and implement prevention programs,

assess program outcomes, communicate and advocate for public health issues, and participate in the development of public health as a profession;

- Demonstrate professional interpersonal, oral, and written communications skills sufficient to serve the needs of patients and the public including an awareness of how diversity may affect the communication process;
- Explain the core principles of public health and their relationship to the health status of groups, communities, and populations;
- identify and implement appropriate strategies and tactics to influence behavioral, environmental, and public policy change to address the health needs in a given community;
- Describe behavioral and non-behavioral variables contributing to morbidity and mortality and understand how health disparities contribute to morbidity and mortality among specific groups, communities, and societies;
- Recognize emergency community conditions and initiate the due strategies;
- apply and employ suitable strategies, tailored to a variety of settings, to plan, implement, monitor and evaluate health promotion programs, in order to meet stated goals, objectives and established standards;
- Assess the need for health promotion programs in response to the characteristics of diverse communities of interest, collecting, interpreting and using appropriate data.
- Evaluate the progress and outcomes of prevention programs in meeting stated goals and objectives;
- Design a plan for lifelong learning for achieving high professional and ethical standards, leadership, and cultural competencies and their evolving role in society.

Comprehensive Scheme of the 2nd Cycle Degree in SCIENCES OF HEALTH PROFESSIONS FOR PREVENTION

YE AR	CO DE	COURSE	Credits (ECTS)	Semest er
I	D482 0	BASIC SCIENCES: 1. Clinical Biochemistry (3 ECTS) 2. Applied Physics (3 ECTS) 3. Biostatistics (3 ECTS) 4. Medical Informatics (3 ECTS)	12	1
	D436 8	SCIENCES OF HEALTH CARE I: 1. Hygiene (3 ECTS) 2. Medical Sciences and Applied Techniques (3 ECTS) 3. Occupational Medicine (3 ECTS)	9	1
	D398 0	HEALTHCARE ECONOMICS AND ORGANIZATION:	9	2

		<ol style="list-style-type: none"> 1. Business Administration Health (3 ECTS) 2. Management (3 ECTS) 3. Business Organization (3 ECTS) 		
	D436 9	SCIENCES OF HEALTH CARE II: <ol style="list-style-type: none"> 1. Hygiene Applied to Health Services (3 ECTS) 2. Inspection of Food of Animal Origin (3 ECTS) 3. Prevention in Occupational Medicine (3 ECTS) 	9	2
	D481 9	SCIENCES OF PREVENTION IN THE ENVIRONMENT AND IN THE WORKPLACE: <ol style="list-style-type: none"> 1. Environmental Toxicology (3 ECTS) 2. Environmental Chemistry (3 ECTS) 	6	2
	D363 8	WORK PLACEMENT 1	15	2
II	D186 8	SCIENCES OF PREVENTION AND HEALTHCARE SERVICES: <ol style="list-style-type: none"> 1. Forensic Medicine (3 ECTS) 2. Hygiene and Epidemiology (3 ECTS) 3. Disease Prevention in the Workplace (6 ECTS) 	12	1
	D481 7	WORK-RELATED DISEASES: <ol style="list-style-type: none"> 1. Prevention Management in the Workplace (3 ECTS) 2. Cardiovascular Diseases (3 ECTS) 	6	1
	D481 4	ANTHROPOLOGICAL, PEDAGOGICAL AND PSYCHOLOGICAL DIMENSIONS: <ol style="list-style-type: none"> 1. Sociology of Culture and Communication Processes (3 ECTS) 2. Sociology (4 ECTS) 	7	2
	D364 0	WORK PLACEMENT 2	15	2
I or II	D295 0	<i>Other activities/courses:</i> <ul style="list-style-type: none"> ✓ Further Language courses (2 ECTS) ✓ Further training (5 ECTS) 	7	2
	D407 9	<i>Optional free choice courses</i>	6	2
II	D205 4	Thesis	7	2