

Fondazione Istituto Tecnico Superiore
per le Nuove Tecnologie della Vita

COSMETIC PRODUCTIONS 4.0

Study Program location: Crema

Duration 2000 Hours

Goal of the program:

The Cosmetic Productions 4.0 program aims to train a specialist with great variety of skills on the cosmetic sector and its many products: from formulation development to packaging and marketing promotion of products. The program guarantees theoretical, experimental and applicative training by providing relevant knowledge of the tools and deep knowledge of the experimental methods.

Career opportunities (Possible Departments):

- Laboratory
- Research and Development
- Quality Control
- Formulation Development
- Technical Office
- Cosmetic Production
- Marketing
- Commercial



SUPERIOR SPECIALIST FOR COSMETIC PRODUCTIONS 4.0		
Realignment	Name of the discipline	Hours
	GENERAL CHEMISTRY AND STOICHIOMETRIC FUNDAMENTALS	30
	ORGANIC CHEMISTRY	30
	ENGLISH LANGUAGE	30
	FUNDAMENTALS OF COMPUTER SCIENCE	40
	FUNDAMENTALS OF APPLIED PHYSICS	40
Total realignment hours		170
Modules	Name of the discipline	Hours
	<u>MARKETING AND COMMUNICATION</u>	
	CLAIMS COMMUNICATION	20
	MARKETING, SOCIAL MEDIA AND COSMETIC PRODUCT COMMUNICATION	32
	ETHICS, SOFT SKILLS OF BUSINESS COMMUNICATION	30
	TECHNICAL ENGLISH LANGUAGE	40
	<u>CHEMISTRY AND LABORATORY</u>	
	GENERAL APPLIED CHEMISTRY	36
	APPLIED ORGANIC CHEMISTRY	36
	INSTRUMENTAL CHEMICAL ANALYSIS	36
	ANATOMY, PHYSIOLOGY AND BIOCHEMISTRY OF THE SKIN AND ANNEXES	50
	CHEMISTRY OF DYES	30
	PHYSICAL CHEMISTRY OF COLLOIDS AND INDUSTRIAL PREPARATION OF EMULSIONS	48
	ELEMENTS OF INFORMATICS AND STATISTICS	20
	RHEOLOGY	24
	<u>LEGISLATION</u>	
	CREATION OF DRAFTING AND MANAGEMENT OF THE PIF	32
	FORMULATION, CONTROL METHODS AND DRAFTING OF LABORATORY TECHNICAL DATA SHEETS	48
	EUROPEAN AND INTERNATIONAL COSMETIC LEGISLATION	40
	REACH AND CLP REGULATION	20
	SAFETY AND ENVIRONMENTAL LEGISLATION	16
	QUALITY / ENVIRONMENT SYSTEM	32
	THE ITALIAN AND INTERNATIONAL COSMETIC SYSTEM	30
	SUSTAINABILITY AND COSMETIC PRODUCTS	24
	SAFETY AND EFFICACY TESTING OF COSMETIC PRODUCTS	36
	GMP, HYGIENE OF PRODUCTION PLANTS AND PRODUCT QUALITY CONTROL	20
	<u>BUSINESS MANAGEMENT</u>	
	PLANNING AND MAINTENANCE ELEMENTS	32
	METHODS AND TOOLS FOR IMPORT AND EXPORT OF THE COSMETIC PRODUCT	28
	BUSINESS ORGANIZATION AND PROJECT MANAGEMENT	50
	INDUSTRY 4.0	32
	INSTRUMENTATION, PLANTS AND THEIR CONTROLS FOR THE PRODUCTION AND PACKAGING OF COSMETICS	68
	<u>APPLIED COSMETICS</u>	
	CHEMISTRY OF COSMETIC INGREDIENTS	40
	LABORATORY OF INSTRUMENTAL ANALYSIS OF COSMETIC PRODUCTS	30
	TECHNIQUE AND LABORATORY OF COSMETIC FORMULATIONS	56
	CHEMISTRY OF NATURAL ORGANIC SUBSTANCES AND VEGETABLE MATRICES OF COSMETIC INTEREST	54
	POWDER AND SLURRIES PROCESSING TECHNIQUES	24
	HAIR COLORING	20
	DECORATIVE COSMETICS	30
	THE PERFUME AND ITS COMPOSITION	16
	COSMETIC PACKAGING	30
Total		1178
TRAINING		822
Total with training		2.000