



ALLEGATO 1- Descrizione del percorso formativo per i corsi di studio erogati in lingua inglese

MASTER DEGREE COURSE IN FOOD AND HEALTH	
<i>Study programme for students enrolled in the academic year 2025-2026</i>	
Attendance is recommended	
1st YEAR	
ALTERNATIVE UNITS DEPENDING ON PREVIOUS STUDIES	CREDITS
FOOD SCIENCE AND SAFETY (Integrated Course)	
<i>FOOD SAFETY HYGIENE AND MICROBIOLOGY (MOD. A)</i>	5
<i>FOOD CHEMISTRY AND TECHNOLOGY (MOD. B)</i>	6
NUTRITION AND METABOLIC PATHWAYS: FROM CELLS TO ORGANS	11
MANDATORY UNITS	CREDITS
GENOMICS OF NUTRITION	6
DIGITAL SKILLS	2
FOOD MICROBIOTA, HUMAN MICROBIOME, PLANT BIOACTIVE COMPOUNDS AND FOOD QUALITY (Integrated Course)	
<i>PLANT BIOACTIVE COMPOUNDS AND FOOD QUALITY (MOD. A)</i>	4
<i>FOOD MICROBIOTA AND HUMAN MICROBIOME (MOD. B)</i>	5
ECOLOGY OF FOODBORNE PATHOGENS, FOOD TOXICOLOGY AND ANTIMICROBIAL RESISTANCE	6
SUSTAINABLE RESOURCE-EFFICIENT FOOD PRODUCTION AND PROCESSING	5
INTERNATIONAL REGULATIONS FOR FOOD SAFETY, CERTIFICATION AND TRADING	6
MECHANISMS OF TISSUES DISEASES AND HOW ENVIRONMENTAL CLUES ALTER ORGAN FUNCTION	7
INDUSTRY AND COMMUNITY PROJECT * <i>*it can be chosen after passing selection</i>	6
2nd YEAR	
MANDATORY UNITS	CREDITS
RESEARCH METHODS IN ECONOMICS: UNDERSTANDING DECISION MAKING AND CONSUMER BEHAVIOR TO PROMOTE HEALTHY CHOICES	8
QUALITY CONTROL AND DATA ANALYTICS IN FOOD PRODUCTION	5

NUTRITION-RELATED DISEASES	8
HUMAN NUTRITION: SUSTAINABILITY AND MULTIDISCIPLINARY PERSPECTIVE	9

OTHER ACTIVITIES	CREDITS
ADDITIONAL FREE-CHOICE UNITS <i>The student must include in the Study Plan 8 electives credits (CFU), freely chosen from all the available courses in the “Food and health” degree programme or from other Master’s degree programmes in the whole University of Padova, provided that these credits are consistent with the student's study programme.</i>	8
FINAL DISSERTATION	30