

Issues in Health and Exercise" - 9 - 27 October 2023 (total face-to-face hours 96)

1ST WEEK: 9 - 13 October 2023 (week 41^o) - Unless otherwise specified, the lectures will be hosted in Classroom MA4

TIME	MONDAY, 9 OCT	TUESDAY, 10 OCT	WEDNESDAY, 11 OCT	THURSDAY, 12 OCT	FRIDAY, 13 OCT
8.15 - 9.00	Guided visit				
9.00 - 10.00	Welcome & Opening Session (D. Caporossi – A. Baca - P. Caserotti – S. Loland - C. Wilke) (Marinozzi Hall)	Biomechanics and motion analysis - I [mechanical principles, methods] (A. Baca)	Biomechanics and motion analysis - II (A. Baca)	Molecular adaptation to health-enhancing PA - I (B. Wessner)	"Omics" in training adaptation (Y. Pitsiladis)
10.00 - 11.00			Innovative systems for enhancing physical activity (A. Baca)		
11.00 - 11.30	Break				
11.30 - 12.00	Keynote Lecture Federico Schena (Verona Univ. Italy) (Marinozzi Hall)	Biomechanics and motion analysis: practical issues - I (A. Baca – P. Kornfeind)	Biomechanics and motion analysis: practical issues - II (A. Baca – P. Kornfeind)	Molecular adaptation to health-enhancing PA - II (B. Wessner)	"Omics" in training adaptation: practical aspects (Y. Pitsiladis)
12.00 - 13.00					
13.00 - 14.00	Welcome Reception				
14.00 - 15.00	Outlines of program	Measurements of physical Activity (U. Ekelund)	Physical activity, sedentary behaviour and health outcomes from an epidemiological perspective (U. Ekelund)	Molecular adaptation to health-enhancing PA - III (B. Wessner)	Genetic variability in health and diseases (D. Caporossi)
15.00 - 16.00					
16.00 - 17.00	Language Studies: Italian (R. Ricci)			Language Studies: Introduction to the Academic writing course (F. Morino)	
17.00 - 18.00					

2nd WEEK: 16 - 21 October 2023 (week 42^o) - Unless otherwise specified, the lectures will be hosted in Classroom MA4

TIME	MONDAY, 16 OCT	TUESDAY, 17 OCT	WEDNESDAY, 18 OCT	THURSDAY, 19 OCT	FRIDAY, 20 OCT	SATURDAY, 21 OCT
9.00 - 10.00	Genetic basis of movement-related disorders: monofactorial diseases (D. Caporossi) (Classroom)	Locomotor apparatus (bones) adaptation in response to health-enhancing physical exercise (H. Tschan) (Marinozzi Hall)	Influence of training on agonist-antagonist coactivation (F. Felici)	Descriptive statistics: introduction I (G. Vannozzi)	Stati Generali Scienze Motorie (States General of Sport Science)	Neuromuscular adaptation in muscles and tendons in response to health-enhancing PA (P. Aagaard)
10.00 - 11.00						
11.00 - 12.00	Genetic basis of movement-related disorders: multifactorial diseases (D. Caporossi)		Metabolic effects of exercise protocols (M. Sacchetti)	Stati Generali Scienze Motorie (States General of Sport Science)		
12.00 - 13.00						
13.00 - 14.00	Break					
14.00 - 15.00	Principles of Fitness/Wellness; Health benefits of endurance training (H. Tschan) (Classroom)	"The neural control of force" (F. Felici) (Marinozzi Hall)	Metabolic effects of exercise protocols: practical applications (M. Sacchetti)	Stati Generali Scienze Motorie (States General of Sport Science)	Muscle strength assessment and testing (P. Aagaard)	
15.00 - 16.00						
16.00 - 17.00						
17.00 - 18.00						

3rd WEEK: 23 - 27 October 2023 (week 43^o) - Unless otherwise specified, the lectures will be hosted in Marinozzi Hall

TIME	MONDAY, 23 OCT	TUESDAY, 24 OCT	WEDNESDAY, 25 OCT	THURSDAY, 26 OCT	FRIDAY, 27 OCT	
9.00 - 10.00	Human nutrition in health, diseases, development and aging: basic principles and practical applications. (S. Migliaccio)	Nutrition and metabolism in health and exercise (A. Parisi)	Neuroendocrine adaptation to physical exercise: theoretical and practical issues (P. Sgrò)	Metabolic syndrome and type 2 diabetes (P. Borrione)	Physical activity, chronic diseases and public health (V. Romano Spica) (Classroom MA4)	
10.00 - 11.00						
11.00 - 12.00		Nutrition and metabolism in health and exercise: practical applications (A. Parisi)	Break		Health and safety in sport and PA (V. Romano Spica) (Classroom MA4)	
12.00 - 13.00						
13.00 - 14.00	Break					
14.00 - 15.00	Descriptive statistics: introduction II (G. Vannozzi)	Medical risks of substance abuse (F. Pigozzi)	"Physical activity and neurodegenerative diseases (P. Borrione)	Descriptive statistics: introduction III (G. Vannozzi)	Language Studies: Academic writing course (F. Morino) (Classroom MA4)	
15.00 - 16.00						
16.00 - 17.00						