

EUROPEAN MASTER IN HEALTH AND PHYSICAL ACTIVITY - ACADEMIC YEAR 2021 - 2022 - First year, Second Semester
MODULE 4 "Research Methodology" - 13 - 31 March - 2023 (total face-to-face hours 100)

1ST WEEK: 13 - 17 March 2023 (week 11^o) (unless otherwise specified, lectures will be in Marinozzi Hall)

T I M E	M O N D A Y , 13 M A R	T U E S D A Y , 14 M A R	W E D N E S D A Y , 15 M A R	T H U R S D A Y , 16 M A R	F R I D A Y , 17 M A R
9.00 - 10.00	9.30 - 10.30 Module 3 Exam - MCQ test (Marinozzi)	The Concept of Sport and the values of Sport (J. Parry)	Applied Theory of Sport and Movement sciences - Part I (S. Loland)	Quantitative research methods in sport and health sciences (Grøntved/Pedersen)	Systematic literature search: theoretical and practical (Grøntved/Pedersen)
10.00 - 11.00				Quantitative research methods in sport and health sciences (Grøntved/Pedersen)	Systematic literature search: theoretical and practical (Grøntved/Pedersen)
11.00 - 12.00	Research Ethics in Sport and Movement sciences - Part I (M. McNamee)				
12.00 - 13.00	Break	Break	Break	Break	Breaks
13.00 - 14.00	Research Ethics in Sport and Movement sciences - Part II (M. McNamee)	An Introduction to Scientific Method (J. Parry)	Applied Theory of Sport and Movement sciences - Part II (S. Loland)	Research methods & statistics for the social sciences: theory and application (A. Chirumbolo)	Systematic literature search: theoretical and practical (Grøntved/Pedersen)
14.00 - 15.00	Break	Break	Break		
15.00 - 16.00					
16.00 - 17.00					
17.00 - 18.00					

2nd WEEK: 20 - 24 March 2023 (week 12^o) (unless otherwise specified, lectures will be in Marinozzi Hall)

T I M E	M O N D A Y , 20 M A R	T U E S D A Y , 21 M A R	W E D N E S D A Y , 22 M A R	T H U R S D A Y , 23 M A R	F R I D A Y , 24 M A R
9.00 - 10.00	Qualitative research methods in sport science 1 (R. Diketmueller)	Key Elements of a research proposal and study designs (B. Wessner)	Epidemiology and statistics in health related sciences: theory and practice (V. Romano Spica)	Inferential statistics part 1 (G. Vannozzi)	Inferential statistics part 2 (G. Vannozzi)
10.00 - 11.00					
11.00 - 12.00	Qualitative research methods in sport science 2 (R. Diketmueller)	Practical work – planning of a research proposal (B. Wessner)			
12.00 - 13.00	Break	Break	Break	Break	Break
13.00 - 14.00	Practical work - insight into relevant literature (R. Diketmueller)	Student presentations (B. Wessner)	Language Studies Academic writing course (F. Morino)	Practical work (G. Vannozzi - Y. Russo)	Practical work (G. Vannozzi - TBA)
14.00 - 15.00					
15.00 - 16.00					
16.00 - 17.00					
17.00 - 18.00					

3rd WEEK: 27 - 31 March 2023 (week 13^o) (unless otherwise specified, lectures will be in Marinozzi Hall)

T I M E	M O N D A Y , 27 M A R	T U E S D A Y , 28 M A R	W E D N E S D A Y , 29 M A R	T H U R S D A Y , 30 M A R	F R I D A Y , 31 M A R
9.00 - 10.00	Inferential statistics part 3 (G. Vannozzi)	Hands-on practice using experimental data: 1) Descriptive statics 2) Inferential statistics 3) Written and oral presentation (G. Vannozzi)	From anthropometry to biotechnology: research application in sport sciences (D. Caporossi)	Biotechnology and sport science research: Practical applications I (MP.Paronetto)	"Statistics. Preliminary mandatory test" (G. Vannozzi - TBA)
10.00 - 11.00					
11.00 - 12.00	Reporting research results (G. Vannozzi)				
12.00 - 13.00	Break	Break	Break	Break	Break
13.00 - 14.00	Practical work (G. Vannozzi - Y. Russo)	Practical work (G. Vannozzi - Y. Russo)	Practical work (G. Vannozzi - Y. Russo)	Skeletal muscle as an immuno-endocrine organ: methodological approaches (C. Crescioli)	Language Studies Academic writing course - Conclusive session (F. Morino)
14.00 - 15.00					
15.00 - 16.00					
16.00 - 17.00					
17.00 - 18.00					Orientation to 2nd year