**SPORT SCIENCES AND TECHNIQUES**

(LM68) - 60 places – 2-year course

The selection criteria are published on the University website www.uniroma4.it

The aim of this Master is to integrate the graduate's basic biological, psycho-pedagogic, legal and economic knowledge with the core content of sport and movement sciences. Further specific competences will be developed through specific practical training activities. The course is designed principally to meet the need for highly qualified professionals in the technique and research in the fields of the sports activities. These professionals will be able to use new sports materials and equipment; manage and organize top-level professional teams and high-performance athletes during national and international competitions; coordinate coaches and/or instructors; and organize, manage and promote sports events. Students will have the opportunity to attend lectures by top-level experts from national federations; gain experience in federal sports centres and sports clubs; and take part in stages in other countries.

**Year - 1 (LM68)**

- **FUNCTIONAL ANATOMY AND SPORT TRAUMATOLOGY** 10 ECTS
- **BIOLOGY AND BIOCHEMISTRY APPLIED TO SPORT** 9 ECTS
- **EXERCISE PHYSIOLOGY AND SPORT BIOMECHANICS** 10 ECTS
- **ORGANIZATION AND EVALUATION OF TRAINING AND PRINCIPLES OF OLYMPISM** 12 ECTS
- **PSYCHOLOGY AND PEDAGOGY OF SPORT** 12 ECTS
- **CYCLIC SPORTS 1 or SITUATIONAL SPORTS 1** 9 ECTS
- **ELECTIVE COURSES** 8 ECTS

**Year - 2 (LM68)**

- **ENDOCRINOLOGY AND SPORT MEDICINE** 12 ECTS
- **SPORT LAWS AND HEALTH SAFETY** 8 ECTS
- **CYCLIC SPORTS 2 or SITUATIONAL SPORTS 2** 9 ECTS
- **PHYSICAL PERFORMANCE AND RECOVERY OF INJURED ATHLETE** 8 ECTS
- **INTERNSHIP** 7 ECTS
- **THESIS** 6 ECTS

Rector: Prof. Fabio Pigozzi

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HEALTH AND PHYSICAL ACTIVITY

EUROPEAN MASTER IN HEALTH AND PHYSICAL ACTIVITY
(LM67-I – INTERNATIONAL JOINT DEGREE) 30 PLACES – 2 YEAR COURSE

The course, which is coordinated by the University of Rome “Foro Italico” in partnership with the Norwegian School of Sport Sciences in Oslo (NOR), the University of Vienna (AUT), the University of Southern Denmark in Odense (DEN) and the German Sport University in Cologne (GER), aims to foster the convergence of European University systems and to create a European Higher Education Zone. It meets the need to develop university programs of an international nature that include periods of study in other countries and provide excellent training for professional careers or research in the sports field. Master graduates in Health and Physical Activity will integrate their knowledge of movement sciences with biomedical, psycho-pedagogic and sociological studies in order to adapt and apply sport sciences in prevention and rehabilitation programs designed for subjects of different ages and physical conditions.

120 ECTS - CREDITS
LM67 – 60 PLACES – 2 YEAR COURSE

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Year - 1 (LM67-I)

BIOMEDICAL ISSUES IN HEALTH AND EXERCISE 15 ECTS
CHANGING BEHAVIOUR TOWARDS A LIFELONG HEALTHY LIFESTYLE: FROM CHILDHOOD TO ADULTHOOD 15 ECTS
MOVEMENT THERAPY AND PHYSICAL ACTIVITY FOR ELDERLY AND SPECIAL POPULATION 15 ECTS
RESEARCH METHODOLOGY 15 ECTS

Each module consists in 3 Intensive Weeks.

Year - 2 (LM67-I)

SPECIALISED TEACHING & INTERNSHIP ON PHYSICAL ACTIVITY IN DISEASE PREVENTION AND REHABILITATION 30 ECTS

THESIS 30 ECTS

PREVENTIVE AND ADAPTED PHYSICAL ACTIVITY

Year - 1 (LM67)

BIOLOGICAL ADAPTATIONS TO EXERCISE 12 ECTS
PHYSICAL ACTIVITY FOR HEALTH AND FITNESS 10 ECTS
PHYSICAL ACTIVITY FOR CHILDREN, ADOLESCENTS AND OLDER ADULTS 10 ECTS
INTERNAL MEDICINE, ENDOCRINOLOGY AND ADAPTED PHYSICAL ACTIVITIES 10 ECTS
METHODS AND TECHNIQUES FOR FUNCTIONAL EVALUATIONS AND MOTOR CAPABILITY 10 ECTS
INFORMATION TECHNOLOGY 1 ECTS
ENGLISH 2 ECTS
ELECTIVE COURSE 4 ECTS

Year - 2 (LM67)

PHYSICAL ACTIVITY FOR SPECIAL POPULATION 10 ECTS
PEDAGOGY AND PSYCHOLOGY OF PHYSICAL ACTIVITY 12 ECTS
POSTURE, TRAUMATOLOGY AND NEUROMOTOR REHABILITATION 10 ECTS
SOCIOLOGICAL ISSUES OF PREVENTIVE MEDICINE, EPIDEMIOLOGY AND HEALTH EDUCATION 10 ECTS
ELECTIVE COURSE 4 ECTS
INTERNSHIP 8 ECTS
THESIS 6 ECTS

SPORTS MANAGEMENT

(LM47) – 60 PLACES – 2 YEAR COURSE

The course has two different curriculum:
- Curriculum 1 Management
- Curriculum 2: Legal Administrative Management (since 2014/15)

The Master Degree in Sports Management is designed to integrate knowledge acquired in the 3+1 bachelor course with business, legal and psycho-sociological studies. The aim is to meet the sports sector demand for professionals trained in business management who will be able to understand the current needs of the sports industry and have enough insight to introduce innovation into the management and organization of future commercial sports enterprises.

Year - 1 (LM47)

BUSINESS ENGLISH 6 ECTS
BUSINESS ADMINISTRATION AND QUANTITATIVE METHODS 8 ECTS
SPORT LAW 6 ECTS
SPORT JUSTICE AND STATE JURISDICTION 10 ECTS
LABOR LAW 6 ECTS
SPORT MARKETING 6 ECTS
VATION AND BUSINESS LAW 10 ECTS
ADMINISTRATIVE LAW 6 ECTS
BUSINESS LAW 6 ECTS

Year - 2 (LM47)

BUSINESS ENGLISH 6 ECTS
BUSINESS ADMINISTRATION AND QUANTITATIVE METHODS 8 ECTS
SPORT LAW 6 ECTS
SPORT JUSTICE AND STATE JURISDICTION 10 ECTS
LABOR LAW 6 ECTS
SPORT MARKETING 6 ECTS
VATION AND BUSINESS LAW 10 ECTS
ADMINISTRATIVE LAW 6 ECTS
BUSINESS LAW 6 ECTS