



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2018/19
BACHELOR
Exercise, Sport and Health Sciences (Classe L-22)
enrolled from 2014/2015 academic year

HEADING

Degree classification - Denomination and code:	L-22 Physical education and sport
Degree title:	Dottore
Length of course:	3 years
Total number of credits required to complete programme:	180
Years of course currently available:	2nd , 3rd
Access procedures:	Cap on student, student selection based on entrance test
Course code:	Z05

PERSONS/ROLES

Head of Study Programme

Prof. Giampietro Alberti

Tutors - Faculty

Prof.ssa Paola Brocca, Dott. Emiliano Cè, Dott. Roberto Codella, Dott.ssa Eloisa Limonta, Dott. Stefano Longo

Degree Course website

<http://www.scienzemotorie.unimi.it>

Prof. F. Esposito, L. Anastasia, G. Michielon, Dott. R. Codella, S. Longo, A. Montaruli, R. Scurati

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CHARACTERISTICS OF DEGREE PROGRAMME

General and specific learning objectives

The specific objective of the degree in “Exercise Sciences, Sports and Health” is providing competences concerning the understanding, the design, the management, the performing of physical and sports activities in public and private sites, individually or in groups, aiming at development, maintaining, and recovery of physical abilities, and their related psychophysical wellness.

Expected learning outcomes

Graduates should know the tools and methods of the functional evaluation of movement; the effects of training regimes and nutrition on motor preparation and on health.

Graduates should be able to apply this knowledge they have acquired in order to engage in relations with individuals of different ages, abilities, genders and social conditions; to plan both individual and group motor activities in different natural or indoor environments; to manage facilities and handle sports equipment; to raise awareness in users of the potential risks connected with the adoption of doping substances as well as the risks connected with motor and sports activities.

Professional profile and employment opportunities

Graduates will be able to get into the labour market immediately, likewise they will be getting access to master degree courses or other specific orientated-master courses.

Major professional outcomes are as follows:

- educators to prevent conditions representing a health threat like sedentarity, overweight, obesity;
- leisure- and sports-organizers for people of different ages (adolescence, adulthood, senescence);
- personal trainers skilled in the planning and managing of training programmes;
- educators for coaching physical- and sports-activities by means of specific devices and tools (fitness -, wellness -), personal and group-trainers themselves;
- press communicators in sports media and information;
- counselling in sports-organizations, -societies, -managers, fitness centers owners, private and public sports clubs;
- counselling for sports-facilities, -equipments and organization of local sports activities.

EXPERIENCE OF STUDY ABROAD AS PART OF THE TRAINING PROGRAM

The University of Milan supports the international mobility of its students, offering them the opportunity to spend periods of study and training abroad, a unique opportunity to enrich their curriculum in an international context.

Study and internships abroad

Within the Erasmus+ project, the School of Sport Sciences offers to its Bachelor's students in Sport and Health Sciences to spend part of their time for academic formation by one among fifteen prestigious European partner universities localised in Spain, Portugal, France, Austria, Norway and Poland. Erasmus students will have from 2 to a maximum of 12 month each cycle for their Erasmus formation. Remarkably, some University require a certificate demonstrating the level of student's language competence, which is compulsory for admission. During Erasmus, students will have the possibility to attend courses included in their academic curriculum and integrate their formation with alternative and optional courses that are typical of the University geographical contest (e.g. water-base sport, diving, sailing, trekking, skiing...). Alternatively, students could choose for a research-oriented experience and being actively involved in research programs useful for their thesis preparation. They could also have the possibility to perform their external training in centres agreed upon the partner University. Once back to the University of Milan, the passed exams and their relative credits will be integrated in the students' study plan, after ECTS/CFU conversion.

How to participate in Erasmus mobility programs

To gain access to mobility programs for study purposes, lasting 3-12 months, the enrolled students of the University of Milan must attend a public selection that starts usually around the month of February each year through the presentation of specific competition announcements, which contain information on available destinations, respective duration of the mobility, requirements and deadlines for submitting the online application.

The selection, aimed at evaluating the proposed study abroad program of the candidate, knowledge of a foreign language, especially when this is a preferential requirement, and the motivations behind the request, is performed by specially constituted commissions.

Each year, before the expiry of the competition announcements, the University organises information sessions for the specific study course or groups of study courses, in order to illustrate to students the opportunities and participation rules.

To finance stays abroad under the Erasmus + program, the European Union assigns to the selected students a scholarship that - while not covering the full cost of living abroad - is a useful contribution for additional costs as travel costs or greater cost of living in the country of destination.

The monthly amount of the communitarian scholarship is established annually at national level; additional contributions may be provided to students with disabilities.

In order to enable students in economic disadvantaged conditions to participate in Erasmus+ program, the University of Milan assigns further additional contributions; amount of this contributions and criteria for assigning them are established from year to year.

The University of Milan promotes the linguistic preparation of students selected for mobility programs, organising every year intensive courses in the following languages: English, French, German and Spanish.

The University in order to facilitate the organisation of the stay abroad and to guide students in choosing their destination offers a specific support service.

More information in Italian are available on www.unimi.it > Studenti > Studiare all'estero > Erasmus+

For assistance please contact:

Ufficio Accordi e relazioni internazionali

via Festa del Perdono 7 (ground floor)

Tel. 02 503 13501-12589-13495-13502

Fax 02 503 13503

E-mail: mobility.out@unimi.it

Desk opening hour: Monday-friday 9 - 12

1st COURSE YEAR (disactivated from academic year 2018/19) Core/compulsory courses/activities common		
Learning activity	Ects	Sector
APPLIED BIOLOGY AND PHYSICS	6	(6) FIS/07, (6) BIO/13
APPLIED HUMAN ANATOMY AND MORPHOLOGY	14	BIO/16
CHEMISTRY, BIOCHEMISTRY AND APPLIED BIOCHEMISTRY 1ST YEAR	8	BIO/10
DIDACTIC OF HUMAN MOVEMENT	11	(11) M-EDF/01, (11) M-EDF/02

FOREIGN LANGUAGES: ENGLISH	3	L-LIN/12
HUMAN MOVEMENT THEORY AND METHODOLOGY	6	(6) M-EDF/01, (6) M-EDF/02
PEDAGOGY	10	(10) M-PSI/01, (10) M-PED/01
SPORTS HISTORY AND LAW	8	(4) IUS/09, (4) M-STO/04
SWIMMING 1ST YEAR	4	(4) M-EDF/01, (4) M-EDF/02
Total compulsory credits		70

2nd COURSE YEAR Core/compulsory courses/activities common

Learning activity	Ects	Sector
BASKETBALL	6	M-EDF/02
CHEMISTRY, BIOCHEMISTRY AND APPLIED BIOCHEMISTRY 2ND YEAR	6	(6) BIO/10, (6) BIO/12
FOOTBALL AND RUGBY IN TEAM SPORTS	9	M-EDF/02
HUMAN PHYSIOLOGY	9	BIO/09
PSYCHOLOGY	6	M-PSI/02
SWIMMING 2ND YEAR	5	(5) M-EDF/01, (5) M-EDF/02
VOLLEYBALL	6	M-EDF/02
Total compulsory credits		47

3rd COURSE YEAR Core/compulsory courses/activities common

Learning activity	Ects	Sector
ATHLETICS	8	M-EDF/02
ENDOCRINOLOGY AND METABOLISM	6	(6) MED/50, (6) MED/13
EXERCISE PHYSIOLOGY AND BIOMECHANICS	9	BIO/09
SPORTS MEDICINE	6	(6) MED/33, (6) MED/09
SPORTS TECHNOLOGIES AND FITNESS	8	M-EDF/02
TRAINING THEORY AND METHODOLOGY	6	M-EDF/02
Total compulsory credits		43

Further elective courses

APPLIED DIDACTIC TO PRIMARY SCHOOL	6	M-EDF/02
BASEBALL AND SOFTBALL: BASIC, PRACTICE AND TEACHING	6	M-EDF/02
ELITE VOLLEYBALL	6	M-EDF/02
FITNESS AND MUSIC	6	M-EDF/02
GIMNASTICS	6	M-EDF/02
JUDO	6	M-EDF/02
MATCH ANALYSIS INTRODUCTIONS	6	M-EDF/02
NUTRITION AND PHYSICAL EXERCISE	6	(6) BIO/09, (6) MED/49
PERSONAL TRAINER	6	M-EDF/02
SPORT CLIMBING	6	M-EDF/02
TENNIS	6	M-EDF/02

End of course requirements

FINAL TEST	5	NA
TRAINING/STAGES	3	NA
Total compulsory credits		8

COURSE PROGRESSION REQUIREMENTS

The course contains the following obligatory or advised prerequisites

Learning activity	Prescribed foundation courses	O/S
HUMAN PHYSIOLOGY	APPLIED HUMAN ANATOMY AND MORPHOLOGY	Core/compulsory
EXERCISE PHYSIOLOGY AND BIOMECHANICS	HUMAN PHYSIOLOGY	Core/compulsory
SPORTS MEDICINE	APPLIED HUMAN ANATOMY AND MORPHOLOGY	Core/compulsory