

PROGRAM IN MASTERS IN ARTS IN KINESIOLOGY

The Department of PHYSICAL EDUCATION offers a Master's in Art in Kinesiology, with two options (thesis or project) in one of four areas: Teaching in Physical Education, Sports Training, Exercise Physiology, and Biomechanics of Human Movement. Kinesiology is the study of movement or physical activity: the physiological, psychological responses and mechanical qualities of movement; the cultural, social and historical perspectives physical activity and sports; and the motor skill learning and performance processes to change behaviors towards healthy lifestyles. Our graduates can work efficiently in the academic, governmental, and industrial endeavors or pursue doctoral studies.

ADMISSION REQUIREMENTS

Admission to the Master of Arts in Kinesiology Program is guided by the general regulations and requisites established by the Office of Graduate Studies of the University of Puerto Rico – Mayaguez which are as follows:

1. Posses a bachelors degree from the University of Puerto Rico or an equivalent degree from an accredited institution.
2. Posses the knowledge and ability to work in Spanish and in English.
3. Comply with the following requisites:
 - a. a general GPA of 2.50 or more upon graduation.
 - b. a GPA in the area of specialization 3.00 or more.
 - c. approval of the last 60 credit hours during the last five semesters of the bachelor program with a GPA of 3.00 or more.
4. Comply with the following departmental requisites:
 - a. posses a bachelor with approved credit hours in the following areas: Exercise Physiology (3 crs.), Biomechanics (Kinesiology) (3 crs.), Motor Learning (3 crs.), and Evaluation in Physical Education (3 crs.) or their equivalente.
5. Obtain a score of 500 or more in the Admission to Graduate Studies (EXADEP).
6. Two letters of recommendation.

Having complied with all the above requisites does not guarantee an automatic admission to the program. Candidates will be competitively selected from within all who have met the requirements, after the consideration of faculty and/or budgetary dispositions. An interview with the MAK Admissions Committee is required if necessary or if an assistantship is solicited.

OPTIONS AND REQUISITES

The Master of Arts in Kinesiology offers students two options: Plan I – Thesis option or Plan II – Project option. In order to obtain a masters degree students must approve one of the two options.

| <u>PLAN I. Thésis option</u> | | <u>PLAN II. Proyecto option</u> | |
|--------------------------------------|-------|--------------------------------------|-------|
| Courses | Crts. | Courses | Crts. |
| Core | 10 | Core | 10 |
| Area of Kinesiology | 12 | Area of Kinesiology | 12 |
| Elective outside area of Kinesiology | 3 | Elective outside area of Kinesiology | 9 |
| Project requisite | 6 | Project requisite | 3 |
| Total | 31 | Total | 34 |

| Core Courses | Crts. |
|---|--------------|
| Applied Statistics (experimental, regression, other) | 3 |
| KINE 6__ _ Contemporary Topics in Kinesiology | 3 |
| KINE 6__ _ - Research Methods in Kinesiology | 3 |
| KINE 6__ _ - Graduate Seminar in Kinesiology | 1 |
| Total credit hours | 10 |

COURSES BY AREAS

Exercise Physiology

- Physiology of the Athlete in Sports
- Exercise Evaluation and Prescription
- Theories of Sport Training
- Physical Activity for Seniors

Sport Training

- Theories of Sport Training
- Physiology of the Athlete in Sports
- Sport Biomechanics
- Anthropometry
- Learning and Control of Motor Skills

Biomechanics of Human Movement

- Sport Biomechanics
- Analysis of Human Movement Images
- Anthropometry
- Learning and Control of Motor Skills

Teaching Physical Education

- Analysis of Teaching Physical Education
- Curricular Designs in Physical Education
- Learning and Control of Motor Skills
- Exercise Evaluation and Prescription

The list of courses may vary due to emerging advances in knowledge, needs, tendencies and accreditation standards in the specialization.

FACULTY

Canabal Torres, María Y., PhD, 1987, Texas Woman's University, Adapted Physical Education
Cordero Morales, Ibrahim, PhD, 2002, Florida State Univ., Teaching, Adapted Physical Education
Del Río Pérez, Luis O., PhD, 1989, Univ. of Pittsburgh, Motor Development and Strength Training.
Fernández Vivó, Margarita, PhD, 2002, Florida State Univ., Teaching, Adapted Physical Education
Mendoza Martínez, Efrank, PhD, 1990, Univ. of New Mexico, Sports Management
Muñiz Olivari, Ana E., PhD, 1990, Univ. of Maryland, Biomechanics
Rodríguez Vega, Diana, EdD, 1995, Columbia Univ., Curriculum and Teaching
Soltero Flores, Eduardo, EdD, 1988, Univ. of Houston, Psychological Basis of Movement
Soto Andrews, Karen, PhD, 1982, Pennsylvania State Univ., Exercise Physiology