

Instructors: Carol Artacho Guerra

The Physics of Salsa



INTD 1820.028 (PS# 10427)
(first seven weeks)

INTD 1820.029 (PS# 10471)

Second seven weeks

(Enroll in both sections for a 2-credit class)

Day/Time: Mondays, 6-8PM

Location: Puerto Rican Latin
American Cultural Center (PRLACC)

First Year Experience Spring 2010

This course investigates basic Newtonian mechanics through the body mechanics of salsa dancing. The course is a multidisciplinary class which will explore physics and dance from a multicultural perspective. The curriculum covers linear and rotational dynamics, forces, momentum, energy, and collisions in a traditional mechanics curriculum. Additionally, we will use basic salsa steps, turns, spins and styling as the application of the physical concepts. A strong cultural component will be incorporated for both the scientific and the dance areas of the course, including laboratory and performance techniques.

The first six weeks (section 28) will focus on learning the basics of dance and physics. The second six weeks (section 29) will focus on the application of those basic skills, through putting together a performance and poster session for the end of the semester. Sign up for both sessions for 2 credits!

Ideal for athletes, kinesiology, sports management, performing arts and elementary education majors; and/or those students trying to get their feet wet in the sciences and/or the Latin dancing culture.

<http://www.phys.uconn.edu/labs/salsa.htm>