



## SUMMER 2002 COURSES FOR NON-MAJORS

**THE DIVISION OF BIOSTATISTICS OF THE DEPARTMENT OF PREVENTIVE MEDICINE** is offering the following courses in the **SUMMER 2002** semester that may be of interest to your graduate students. The course title and description is as follows:

**PM 510L PRINCIPLES OF BIOSTATISTICS (4 UNITS).** Concepts of biostatistics; appropriate uses and common misuses of health statistics; practice in the application of statistical procedures; introduction to statistical software including EXCEL, SPSS, nQuery.

LECTURE: TUESDAY, 9AM-11AM LAB: 11AM-1:00PM, CHP 217

**PM 538 INTRODUCTION TO BIOMEDICAL INFORMATICS (3 UNITS).** Overview Of current topics, enabling technologies, research initiatives, and practical considerations in biomedical informatics.

COURSE IS ON WEDNESDAY, 4:30-7:30, CHP 217

**PM 599 CONDUCTING EPIDEMIOLOGIC STUDIES (3 UNITS).** Various types of epidemiologic studies will be conducted to include the following topics: evaluating feasibility of proposed design, sample size requirements, the initial budget development in the grant proposal, developing an informed consent and meeting IRB requirements, hiring and managing staff, developing a questionnaire or data collection forms, selecting controls, data entry methods (including web based data entry, SAS, and Access), training interviewers and others. Prerequisites: PM 512, Introduction to Epidemiologic Methods

COURSE IS ON TUESDAY, 1PM – 4PM, CHP 217

**PM599 WEB-BASED DATA MANAGEMENT ANALYSIS (3 UNITS)** This course introduces students to concepts and methods used in the web-based data management and analysis. Topics in HTML, server- and client-side computing, relational database, SAS Macro, and SAS intrNet will be covered. Strong emphasis will be placed on methods used in generation of dynamic website with packages in SAS (MACRO, STAT, CORE, INTRNET, ETC.). Prerequisites are PM 510 and PM511A.

Course is on Mondays & Wednesdays, 1:30-3:00, CHP 217

Please contact Mary Trujillo for D-clearance at (323) 442-1810 or send email to: mtrujill@usc.edu.