

2009

## Spanish Italian/Interdisciplinary (SPIN)

Montclair State University

### Spanish Italian/Interdisciplinary

SPIN161	Title Number and type of credits Course Description	Magic Realism in Spanish American Literature. 3 hours lecture. A study of magic realism as manifested in representative works of contemporary Spanish American fiction. Works to be read in English translation. Taught in English. Not for major credit. Meets World Cultures Requirement.
STAT330	Title Prerequisites Number and type of credits Course Description	Fundamentals of Modern Statistics I. MATH 221 with a grade of C- or better. 3 hours lecture. Displaying, describing and modeling data; arrangements for producing data; probability; methods for drawing conclusions from data: significance testing, confidence interval estimation, linear regression, analysis of variance. Examples from many disciplines including the social and natural sciences. Statistical software is used.
STAT401	Title Prerequisites Number and type of credits Course Description	Applied Statistics for the Sciences. MATH 111 or Math 112. 3 hours lecture. Organizing, displaying, and describing data; designing experiments; methods for drawing conclusions from data; significance testing, confidence intervals, linear regression, analysis of variance, chi-square tests of independence. Examples from disciplines in the natural and physical sciences. Statistical software is used. Not for Mathematics and Computer Science majors.
STAT403	Title Prerequisites Number and type of credits Course Description	Techniques and Applications of Statistics. MATH 112. 3 hours lecture. Statistical techniques for the social and behavioral sciences including estimation, tests of hypothesis, non-parametric statistics, regression and correlation. May not be taken for credit by mathematic majors.
STAT441	Title Prerequisites Special Fee Number and type of credits Course Description	Statistical Computing. STAT 330 or STAT 401 with a grade of C- or better. Special fee. 3 hours lecture. This course is designed: (1) to acquaint students with the use of the computer in solving statistical problems, and (2) to develop intermediate level statistical methodology. Several statistical computing packages and the