THE UNIVERSITY OF MISSISSIPPI

APPLIED STATISTICS MINOR

Description

The Graduate Minor in Applied Statistics indicates that the bearer has an area of concentration and specialization in applied statistics. The minor will be administered through the Graduate School with a member of the interdisciplinary Applied Statistics Graduate Minor Committee serving as the program coordinator. The interdisciplinary Applied Statistics Graduate Minor Committee will be composed of faculty from departments and programs with courses that may be used as part of the certificate.

Goals/Mission Statement

The goals of the Applied Statistics Minor are to train students in advanced applied statistical techniques and to certify to potential employers that they have such training; to bring graduate students from different disciplines together to study applied statistics, developing a broader base of research training and enlarging a community of students and faculty with shared interests; and to encourage interdisciplinary research.

Course Requirements

Graduate students will earn a minor in Applied Statistics when they complete a minimum of 15 course hours in applied statistics. Students may apply for admission to the minor after completion of an introductory course (acceptable introductory courses may include EDRS 6010 Educational Statistics I, ANTH 5220 Quantitative Anthropology, SOCY 5510 Statistics,BISC 5004 Biometry, POLS 5020 Empirical Political Analysis, PSYC 7071 Quantitative Methods in Psychology I, PSYC 7071 Quantitative Methods in Psychology I, CRJU 6010 Criminal Justice Statistical Analysis, PBHL 6260 Statistical Analysis I, NAHM 5760 Statistics I in NHM or similar course approved by program director). Note that any 500-level course used to satisfy the requirements of the minor must have been taken for graduate credit. Students must take an intermediate course (acceptable courses include EDRS 7010 Educational Statistics II, PSYC 7072 Quantitative Methods in Psychology II, PHAD 7800 General Linear Models, PHAD 7810 Applied Multivariate Analysis, POLS 5030 Applied Political Research, or similar course approved by program director) and three additional intermediate/advanced courses that must be taken in residence. The three additional intermediate/advanced courses must be beyond any applied statistics courses required in the student's home degree program. The program coordinator, with input from the Graduate Minor in Applied Statistics Committee, must approve all three of the additional courses. Students must earn at least a "B" in every course used to satisfy the minor requirements.