Statistics

STAT 408  **Actuarial Statistics I**  credit: 4 hours.
Examines elementary theory of probability, including independence, conditional probability, and Bayes' theorem; combinations and permutations; random variables, expectations, and probability distributions; joint and conditional distributions; functions of random variables; sampling; central limit theorem. Same as MATH 408. Credit is not given for both STAT 408 and either MATH 461 or STAT 400. Prerequisite: MATH 241 (formerly MATH 243) or MATH 242, or equivalent.

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