DEPARTMENT OF STATISTICS

Overview

The science of statistics deals with the collection and summarization of data, design of experiments and surveys, measurement of the magnitude of variation in both experimental and survey data, estimation of population parameters with measures of their accuracy and precision, tests of hypotheses about populations and studies of the relationships between two or more variables. While the ideal of science is to achieve a systematic interrelationship of facts, scientific methods must be a pursuit of this ideal by experimentation, observation and logical arguments from various accepted postulates. Thus, the science of statistics is a set of scientific principles and methodologies that are useful in reaching conclusions about populations and processes when the available information is both limited and variable. Hence, statistical principles are useful in all the sciences, both physical and social. Many practical applications of statistics are found in a wide variety of fields, including biology, education, social sciences, engineering, business, government and agriculture.

The Department of Statistics offers training in statistics leading to degrees of Bachelor of Science, Master of Science and Doctor of Philosophy.

Majors

- Bachelor of Science in Statistics (http://catalog.tamu.edu/undergraduate/science/statistics/bs)
- Bachelor of Science in Statistics and Master of Science in Statistics, 5-Year Degree Program (http://catalog.tamu.edu/undergraduate/science/statistics/bs-ms)

Minors


Faculty

Akleman, Derya G, Instructional Associate Professor
Statistics
PHD, Texas A&M University, 1996

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Statistics
PHD, Duke University, 2012

Carroll, Raymond J, Distinguished Professor
Statistics
PHD, Purdue University, 1974

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Statistics
PHD, New York University, 2000

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Statistics
PHD, Colorado State University, 1983

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Statistics
MPH, Texas A & M University, 2017

Dabney, Alan R, Associate Professor
Statistics
PHD, University of Washington, 2006

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Statistics
PHD, Texas A&M University, 2011

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Statistics
PHD, Cornell University, 2015

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Statistics
PHD, Southern Methodist University, 1981

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Statistics
MBA, University of North Texas, 1980

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Statistics
PHD, University of California, Berkeley, 1997

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Statistics
PHD, University Of Chicago, 1989

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Statistics
PHD, Harvard, 2016

Jones, Edward R, Executive Professor
Statistics
PHD, Virginia Tech, 1976

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Statistics
PHD, University of Maryland at Baltimore, 2015
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PHD, The Ohio State University, 2011

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MS, Baylor University, 2011

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PHD, University of Connecticut, 1994

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PHD, University of Wisconsin - Madison, 1976

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Statistics
PHD, University California, Davis, 2014

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PHD, University of Illinois at Urbana - Champaign, 2013

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Statistics
PHD, University of California, Berkeley, 1997