

University of Washington
Health Informatics and Health Information Management Prerequisite

Statistics

*Contact desired campus for current class and registration information.

UNIVERSITY OF WASHINGTON

STAT 220 Basic Statistics (5) NW, QSR

Objectives and pitfalls of statistical studies. Structure of data sets, histograms, means, and standard deviations. Correlation and regression. Probability, binomial and normal. Interpretation of estimates, confidence intervals, and significance tests. (Students may receive credit for only one of 220, 221, 311, and ECON 311.) Offered: AWSpS.

STAT 221 Statistical Concepts and Methods for the Social Sciences (5) QSR

Develops statistical literacy. Examines objectives and pitfalls of statistical studies; study designs, data analysis, inference; graphical and numerical summaries of numerical and categorical data; correlation and regression; and estimation, confidence intervals, and significance tests. Emphasizes social science examples and cases. (Students may receive credit for only one of STAT 220, STAT 311, STAT/CS&SS/SOC 221, and ECON 311.) Offered: jointly with CS&SS 221/SOC 221; AWSp.

QMETH 201 Introduction to Statistical Methods (4) NW,QSR

Survey of principles of data analysis and their applications for management problems. Elementary techniques of classification, summarization, and visual display of data. Applications of probability models for inference and decision making are illustrated through examples. Prerequisite: either MATH 112, MATH 124, MATH 125, MATH 134, or MATH 145.

BELLEVUE COMMUNITY COLLEGE

MATH 130 Introduction to Statistics

Emphasis on gathering and interpreting data. Material has applications in the medical fields, as well as the Social Sciences. Fulfills the quantitative or symbolic reasoning course at BCC. **Prerequisite:** Placement by assessment or MATH 099 with a C- or better.

CITY UNIVERSITY

BC 303 Interpreting Statistics and Data

This course focuses on the usefulness and limitations of statistical processes and their present day applications. The techniques addressed are descriptive statistics, probability theory and distributions, sampling, hypothesis testing, regression, and correlation models.

EDMONDS COMMUNITY COLLEGE

MATH 240 INTRO TO STATISTICS

Introduction to statistical methods and applications; organization of data, sampling, testing hypotheses, confidence intervals, regression, correlation. Graphing calculator required. Read the statement preceding the mathematics day classes before you buy a calculator. Prerequisite: MATH 090 or equivalent with a grade of 2.0 or higher, or appropriate score on math placement test.

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HIGHLINE COMMUNITY COLLEGE**MATH 210 Elements of Statistics**

Prerequisite: Math 097 or Intermediate Algebra ASSET score of 45 or COMPASS Algebra score of 71. Measures of central tendency; probability; binomial, and normal distributions; sampling theory; hypothesis testing; analysis of variance; analysis of paired data.

NORTH SEATTLE COMMUNITY COLLEGE**MATH 109 Elementary Statistics**

Covers descriptive methods, probability and probability distributions, samples, decisions, hypothesis testing, statistical inferences, analysis of variance and regression, applications. Prereq: MAT 098

SEATTLE CENTRAL COMMUNITY COLLEGE**MATH 109 Elementary Statistics**

Covers descriptive methods, probability and probability distributions, samples, decisions, hypothesis testing, statistical inferences, analysis of variance and regression, applications. Prereq: MAT 098

SEATTLE COMMUNITY COLLEGES (North/Central/South)**BUS 210 Business and Economic Statistics**

PREREQ: Completion of MAT 098. ENG 101 strongly recommended, or permission of instructor. Statistical tools and their application in business decision-making. Topics include data types and description, measures of central tendency and dispersion, probability, sampling, estimation, hypothesis testing, linear regression and correlation, analysis of variance, and index numbers.

MATH 109 Elementary Statistics

Covers descriptive methods, probability and probability distributions, samples, decisions, hypothesis testing, statistical inferences, analysis of variance and regression, applications. Prereq: MAT 098

SHORELINE COMMUNITY COLLEGE**MATH 146 Introduction to Probability and Statistics**

Analysis of data through graphical and numerical methods, linear regression, the normal distribution, data collection, elementary probability, confidence intervals and hypothesis testing. Emphasis on applications. Previously MATH 108. Prerequisite: Math 099 (2.0 or better) or Math 097 AND Math 098 (2.0 or better) or a score of 85 or higher on the Algebra COMPASS test AND placement into English 100 or ESL 100. Student option grading.

SOUTH SEATTLE COMMUNITY COLLEGE**MATH 109 Elementary Statistics**

Covers descriptive methods, probability and probability distributions, samples, decisions, hypothesis testing, statistical inferences, analysis of variance and regression, applications. Prereq: MAT 098