

# STAT - Statistics | Undergrad

<i>Global Citizenship Program Knowledge Areas (....)</i>	
ARTS	Arts Appreciation
GLBL	Global Understanding
PNW	Physical & Natural World
QL	Quantitative Literacy
ROC	Roots of Cultures
SSHB	Social Systems & Human Behavior

<i>Global Citizenship Program Skill Areas (....)</i>	
CRI	Critical Thinking
ETH	Ethical Reasoning
INTC	Intercultural Competence
OCOM	Oral Communication
WCOM	Written Communication
** Course fulfills two skill areas	

## STAT 1100 Descriptive Statistics (3)

This course introduces the core concepts of statistics. It covers methods used to describe data (mean, median, standard deviation, etc.) and methods used to present data (graphical displays like histograms, other plots and others). This course covers basic probability rules used in statistics. The students will develop the ability to reason using statistical information. They will acquire the skills to evaluate the many advertising and new reports of statistical studies that are encountered in daily life. **GCP Coding: (QL).**

## STAT 3100 Inferential Statistics (3)

This course covers statistical concepts including measures of central tendency and dispersion, probability distributions, the Central Limit Theorem, Sampling, Estimation, Hypothesis testing, Analysis of Variance (ANOVA), Correlation and Regression Analysis. **GCP Coding: (QL).**