



Course Competency Report by Code

Code: C300

Introduction to Healthcare Statistics and Analysis (C300)

Course of Study: C300 - Introduction to Probability and Statistics
Course Level: Undergraduate
Course Division: Upper Division Major
Discipline: Nursing
Course Type:
Department: Health Professions

COMPETENCY #	COMPETENCY NAME	COMPETENCY TEXT
125.1.2	Examining Relationships	The graduate evaluates the relationship between two variables through the creation and interpretation of numerical summaries and visual displays.
125.1.1	Summarizing Data	The graduate evaluates categorical and quantitative data using appropriate numerical measures and graphical displays.
125.1.5	Theoretical and Empirical Probability	The graduate applies theoretical or empirical probability to a situation to quantify uncertainty.
125.1.4	Designing Studies	The graduate designs and conducts observational studies, controlled experiments, and surveys to explore population characteristics.
125.1.3	Sampling Methods	The graduate evaluates the sampling methods used in studies including the effect they have on conclusions that can be made.
125.1.6	Determining Probability	The graduate determines the probability of events using simulations, diagrams, and probability rules.