

Documentation of Prerequisite Statistics Course

A course of at least three (3) credits, with a minimum of a B grade, is required for all master's applicants. If you are planning to study full-time, you need to have completed this prerequisite requirement prior to admission. Statistics may be taken by part-time students after admission, but must be completed before enrolling in Nursing Research for Evidence based Practice I and II (NUR2000/NUR2007). The faculty would prefer that you have completed a statistics course within the past five years. Regardless of the time when you completed a statistics course, you will be held responsible for knowing the essential content of basic statistics, as defined in the next paragraph. You may decide to take, or your program faculty may recommend, a refresher course if you do not have sufficient current knowledge of statistics to ensure success in your coursework. You will want to discuss this at the time of your interview for admission.

The course content should include an introduction to descriptive and inferential statistics and cover the following topics: introductory probability theory, descriptive statistics for univariate and bivariate data distributions, random sampling, estimation (point and interval), one-sample hypothesis testing using the normal and t distributions, and introductory topics in linear regression, analysis of variance and contingency table analysis.

If you plan to take a statistics course, please verify that it contains the content listed in the paragraph above. You are responsible for knowing the statistics content before you complete the research sequence in the graduate program, and you will need this knowledge in order to read and critique research articles throughout your graduate education. You will also be required to complete a comprehensive examination at the end of your program, which includes a research article critique.