

TWU - PhD/OT Program - Required Research Tools

The doctoral program includes four courses that are identified as Research Tools. Two of the courses can be completed prior to or concurrent with enrollment in doctoral coursework. However, they are not taught by OT faculty. These two courses consist of basic content on statistical analysis. They are often taught in a psychology department. It is advantageous for students to complete these tools prior to enrollment in doctoral courses. The courses can be completed at any accredited university. They must be at the graduate level and the content must be consistent with the two examples presented below. A total of six credit hours is required. For preapproval of statistics courses, contact the PhD/OT coordinator and email or fax a copy of the course description from the institution's catalog.

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PSY 5304. Advanced Psychological Statistics I. Brief review of measures of central tendency and variability. Advanced survey methods of correlational techniques, including multiple correlation. Advanced analyses of variance and nonparametric designs.

PSY 6204. Advanced Psychological Statistics II. Multivariate statistical procedures in analysis of variance and regression; covariance analysis; and latent variable analysis. Prerequisite: PSY 5304.

The other two Research Tools are included as required courses in the OT doctoral program. They are identified below.

OT 6623. Instrumentation for Measuring Occupational Performances.

Theories and principles of measurement with emphasis on the process involved in development of unique tests for measurement of occupational therapy constructs and variables in clinical, educational, and research settings. Prerequisite: Quantitative methods research tools. One lecture and three laboratory hours a week. Credit: Three hours.

OT 6643. Qualitative Methods in Occupational Therapy. Methods of data collection and interpretation including participant observation, qualitative interviewing, data triangulation, research use of video, with emphasis on application to research questions in occupational therapy. Prerequisite: OT 6553 Advanced Research Design in Occupational Therapy. May not be repeated for credit. Three lecture hours a week. Credit: Three hours.