

APPLIED MIXED METHODS (AMM) - CONCENTRATION

The Concentration in Applied Mixed Methods is open to all PhD and MD-PhD students from all MCGSBS training programs to provide the opportunity to integrate coursework into their degree plan and inform their thesis research.

- Stacey J. Winham, Ph.D., Program Director

Eligible learners may declare concentration using the appropriate form. See Concentration Declaration Procedure. By declaring a concentration through this procedure, the concentration will appear on a student's academic transcript. Students may only declare established concentrations and must be in a degree seeking program to declare a concentration. Students may only declare one official concentration.

Course Work

The curriculum for the Concentration consists of 12 credits. The student must complete all of the required courses listed below:

Course Requirements

| Code | Title | Hours |
|--------------------|---|-----------|
| CTSC 5600 | Introduction to Statistics in Clinical and Translational Research | 3 |
| CTSC 5610 | Statistics in CTR: Linear Regression Concepts, Interpretation, and Statistical Software | 3 |
| CTSC 5810 | Qualitative Research Design, Methods, and Analysis | 1 |
| CTSC 5815 | Qualitative and Mixed Methods Research for Translational Science | 2 |
| CTSC 5820 | Introduction to Survey Research | 1 |
| Total Hours | | 10 |

Choose One

| Code | Title | Hours |
|---|---|-------|
| A minimum of 1 credit is required. Select from the following: | | |
| CTSC 5602 | Introduction to Utilizing Statistical Software in Clinical and Translational Research | 1 |
| CTSC 5603 | Introduction to R Programming in Clinical and Translational Research | 1 |

Elective Courses

| Code | Title | Hours |
|---|--|-------|
| Students have the option to complete these courses within a given degree plan. A minimum of 1 credit is required. | | |
| CTSC 5710 | Practical Data Collection | 1 |
| CTSC 5715 | Publication Quality Tables and Figures | 1 |
| CTSC 5640 | Statistics in Clinical and Translational Research: Logistic Regression with Statistical Software | 1 |
| CTSC 5650 | Advanced Statistics in CTS Research: Survival Analysis with Statistical Software | 1 |
| CTSC 5720 | Clinical Trials Design and Conduct | 1 |
| CTSC 5900 | Introduction to Health Services Research | 1 |
| CTSC 5940 | Secondary Data Analysis | 1 |