**OCCUPATIONAL THERAPY (OT)**

**Explanation of Course Numbers**

- Courses in the 1000s are primarily introductory undergraduate courses.
- Those in the 2000s to 4000s are upper-division undergraduate courses that can also be taken for graduate credit with permission and additional work.
- Those in the 6000s and 8000s are for master’s, doctoral, and professional-level students.
- The 6000s are open to advanced undergraduate students with approval of the instructor and the dean or advising office.

**OT 8214. Evidence-Based Occupational Therapy Practice. 3 Credits.**
Principles of evidence-based practice applied to clinical questions in the field of occupational therapy. Restricted to occupational therapy majors.

**OT 8215. Quality Improvement through Translational Practices. 3 Credits.**
Concepts in quality improvement and its connection with evidence-based practice and translational science. The development and validation of quality indicators, including both process and outcome indicators; tracking and monitoring quality improvement projects. Recommended background: Occupational therapy majors.

**OT 8220. Measurement of Human Function and Learning. 3 Credits.**
Selection, implementation, and evaluation of assessment tools. Changes in performance that occur in clinical environments, in adult educational settings, and in research programs. Levels and purposes of measurement; proximity of the measure to the “intervention;” utility, including reliability and validity; precision, including range, targeting, and sensitivity to change; efficiency and practicality. Recommended background: Occupational therapy majors.

**OT 8261. Foundations in Team Science and Clinical and Translational Research. 3 Credits.**
Overview and analysis of the translational research principles and practice through the application of basic, clinical, community health, and health services research concepts. Recommended background: Occupational therapy majors. (Same as HSCI 6261).

**OT 8272. Mixed Methods in Translational Health Sciences. 3 Credits.**
An introduction to mixed methods as a legitimate design tradition, with a unique set of procedures for data collection, analysis, and strategies to assure rigor and accuracy. Students design a mixed methods study to address a translational research question. Recommended background: occupational therapy majors.

**OT 8274. Program Theory and Health Innovations. 3 Credits.**
Program theory as the basis for designing health and educational innovations that can be tested using scientific methods, replicated in practice, and inform policy. Recommended background: occupational therapy majors.

**OT 8275. Doctoral Capstone Preparation. 3 Credits.**
Through a combination of didactic information, peer discussion, and advisor discussions, students are trained to communicate more effectively the purpose, rationale/theory, and design of their proposed doctoral capstone. Prerequisite: OT 8274. Restricted to occupational therapy majors.

**OT 8276. Doctoral Capstone. 3 Credits.**
The culminating seminar for the post-professional occupational therapy degree, building on work initiated in previous courses. Development of an independent, mentored doctoral project that demonstrates syntheses, integration, and application of course work into a consequential project. Restricted to occupational therapy majors with permission of the instructor. Prerequisite: OT 8274.

**OT 8448. Neurocognitive Disorders. 3 Credits.**
Multifactorial etiology of neurocognitive disorders, including a range of diagnostic subtypes such as Alzheimer’s disease, frontotemporal dementia, Lewy bodies dementia, vascular dementia, and Parkinson’s disease dementia; effects on the biopsychosocial and occupational health of individuals with neurocognitive disorders and their families. Recommended background: Occupational therapy majors.

**OT 8450. Cognition and Cognitive Rehabilitation. 3 Credits.**