



GMS 6705 Section 1962
Functional Human Neuroanatomy

This course is an intensive, 15 week (1 full semester) online course intended to give students a comprehensive understanding of the central nervous system anatomy and clinically based function of each neural system.

In this course you will obtain:

- Knowledge of the basic anatomy, organization, and cells that make up the central nervous system.
- Knowledge of the anatomy and functions of the primary sensory and motor systems.
- Gain a basic understanding of higher order cortical function including those involved in language, cognition, and memory.
- Gain an appreciation and knowledge of how disruption of neural systems translates to changes in human behavior and cognition.

There are 13 modules arranged by functional CNS system. Most modules occur over 1 week except those that are more complex and require 2 weeks. Within each module there are 3-6 units which have self-check quizzes due each Friday. These quizzes are designed to keep students on track with the course material. Then, three chapter tests: anatomical identification, general module test, and an essay test are due at midnight each Sunday.

In addition, there is a Case Study which presents a neurological patient case that is related to the particular functional system under study. There are 3-4 assessed parts of each case study that are due each Sunday and are open book.

There is an online anatomical atlas and an online textbook required for the course.