

# ME.200 (NEUROLOGY)

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## Courses

**ME.200.600. Neurology Core Clerkship.**

**ME.200.650. Genes to Society - Nervous System and Special Senses.**

Approximately 9 week course divided into 4 modules. Module 1, Neuroanatomy; Module 2 General Sensory & Motor, Module 3, Special Sensory & Motor, and Module 4, Multi-System Diseases. Each module has its own exam. The exams are cumulative but will focus on the material from the preceding weeks.

**ME.200.651. Advanced Clerkship in Critical Care - Neurocritical Intensive Care.**

**ME.200.652. Advanced Clerkship in Critical Care - Neurocritical Intensive Care at Johns Hopkins Bayview Medical Center.**

**ME.200.699. Neurology Elective.**

**ME.200.701. Translational Research in Neuro-AIDS and Mental Health. 1.5 Credits.**

**ME.200.704. Drug Discovery Research. 1.5 Credits.**

This course deals with various aspects of the drug discovery process including target identification, medicinal chemistry, in vitro and in vivo drug screening methods, pharmacokinetics, drug safety, and intellectual property management. Each lecture is given by an expert on that respective subject with many years of drug discovery research experience. Students will build a broad knowledge base that will allow them to prepare for a career in pharmaceutical research or basic medical science with implication for novel therapies.

**ME.200.707. Drug Discovery Case Studies. 1.5 Credits.**

"Drug Discovery Case Studies" is designed to provide students with insights into the ever-changing landscape of drug discovery research by presenting case studies for various breakthrough drugs discovered since the 1940s. Each lecture selects a particular drug that has made a significant impact on patients' lives and examines some key elements that have contributed to its successful discovery and development. The course is given by the lecturers that participated in "Introduction to Drug Discovery Research". The final three lectures will be given by guest speakers who will present case studies on new drugs in which they were directly involved at the time of discovery and development.

**ME.200.708. Pharmaceutical Enterprise. 1.5 Credits.**