ME.200 (NEUROLOGY)

Courses


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.200.701. 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, pharmokinetics, 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 implications 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.