NEUROLOGY (NEUROL)

NEUROL 699 — NEUROLOGY: DIRECTED STUDY IN NEUROSCIENCE RESEARCH
1-3 credits.

Neurology: Directed Study in Neuroscience Research offers the undergraduate student majoring in life sciences, including biology, chemistry, psychology, or related fields with interest in preparing for advanced coursework in graduate or medical school, an opportunity to participate in basic and translation research in neuroscience and neurological disorders. Enroll Info: Freshman/Sophomore/Junior/Senior undergraduate standing

Requisites: Consent of instructor
Course Designation: Level - Advanced
L&S Credit - Counts as Liberal Arts and Science credit in L&S
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2019

NEUROL/NTP 735 — NEUROBIOLOGY OF DISEASE
2 credits.

Seminar course relating major categories of human neurological and ophthalmological disease to fundamental topics in neurobiology. Enroll Info: None
Requisites: Graduate/professional standing and PHMCOL-M/PHYSIOL 610
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2018

NEUROL 812 — NEUROSCIENCE CORE CLERKSHIP
1-4 credits.

Four week clerkship with exposure to various neurological conditions in inpatient and outpatient settings. Students will enhance their skills in diagnosis, evaluation, treatment, and prognosis of patients with medical conditions. There will be a core goal to develop physical examination techniques. Knowledge about specific delineated neurological conditions will be emphasized. Enroll Info: 3rd year Medical student

Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Fall 2018

NEUROL 910 — INDEPENDENT READING AND RESEARCH FOR FOURTH YEAR MEDICAL STUDENTS
1-12 credits.

Enroll Info: 4th yr Med st
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2019

NEUROL 913 — COGNITION AND NEUROANATOMY
2 credits.

Basic science concepts will be integrated to examine the relationship between neuroanatomy and cognition (e.g., learning and memory, executive function, visual perceptual abilities, etc.). Utilize stroke, epilepsy, dementia and other neurodegenerative disorders from clinical practice to demonstrate the connection between brain structure and cognitive function. Hands on experience in neuropsychological test administration and interpretation will be integrated into learning. Brain imaging correlates for clinical cases will be presented by a clinical neurologist. Enroll Info: None
Requisites: MED SC-M 810, 811, 812, and 813
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No

NEUROL 914 — NEUROLOGY, DIET & NEUROLOGICAL DISORDERS
2 credits.

Gain insight into the role of diet and nutrition in neurological disease while utilizing analytical and evidence-based-medicine research skills. Gain understanding of the role of diet and nutrition in the exacerbation and the treatment of neurological disorders (e.g. Epilepsy, Autism, Fragile X Syndrome, Phenylketonuria (PKU), Multiple Sclerosis). Enroll Info: None
Requisites: MED SC-M 810, 811, 812, and 813
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: No
Last Taught: Spring 2019

NEUROL 919 — NEUROLOGY INDIVIDUALIZED CLINICAL ELECTIVE
1-12 credits.

Individually scheduled clinical elective, directly supervised by Neurology senior residents and attending physicians. Regularly scheduled supervisor-student meetings, which involve some or all of the following: rounding on service patients, observing procedures in the unit or clinic, examination of patients in an ambulatory setting, presenting cases and teaching topics, and discussing patient cases. Independent activities, including reading about patient conditions and preparing for direct patient care, as needed. Other patient care related learning activities as assigned by instructors: these are dependent on the individual student and the patients under the student's care. Enroll Info: None
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Fall 2019

NEUROL 920 — CLINICAL NEUROLOGY CLERKSHIP-MARSHFIELD
2-12 credits.

Enroll Info: 4th yr Med st
Requisites: Graduate/professional standing
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Spring 2017
NEUROL 990 — RESEARCH SPECIAL NEUROLOGICAL FIELDS
1-12 credits.

Enroll Info: 2nd yr Med st
Requisites: Consent of instructor
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions
Last Taught: Summer 2015

NEUROL 999 — RESEARCH TRAINING IN NEUROLOGY
1-3 credits.

Enroll Info: 2nd yr Med st
Requisites: Consent of instructor
Course Designation: Grad 50% - Counts toward 50% graduate coursework requirement
Repeatable for Credit: Yes, unlimited number of completions