

# DERMATOLOGY (DERM)

## DERM 601 – SKIN BIOLOGY AND SKIN DISEASES

3 credits.

Introduction to basic science principles of skin biology and skin diseases (biochemistry, molecular biology, genetics, etc.). Provides a strong base and training to future scientists, physicians, and industrial leaders in skin sciences and skin care, as well as drug and device development.

**Requisites:** (ZOOLOGY/BIOLOGY/BOTANY 151 or ZOOLOGY/BIOLOGY 101), (CHEM 104, CHEM 109 or BIOCHEM 501), or graduate/professional standing

**Course Designation:** Breadth - Biological Sci. Counts toward the Natural Sci req

Level - Advanced

L&S Credit - Counts as Liberal Arts and Science credit in L&S

Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** No

**Last Taught:** Fall 2023

## DERM 904 – SCIENCE OF CUTANEOUS DISEASE

2 credits.

The practice of Dermatology encompasses diseases of the skin, mucosal surfaces, hair and nails. The scientific specialty integrates cellular and molecular biology, immunology, microbiology, and physiology to support patient care decisions. Learn basic science principles of normal and abnormal cutaneous functioning, building on the principles introduced in the MED SC-M 774. These core concepts will be applied through interactions with patients in the clinical setting, building foundational basic science knowledge to diagnose and treat dermatologic diseases.

**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 2024

## DERM 910 – INDEPENDENT READING AND RESEARCH IN DERMATOLOGY

2-8 credits.

Independent research under the direct supervision of Dermatology faculty. Each student's research project is individualized to meet student research goals within the context of faculty research needs.

**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 2024

## DERM 919 – INDIVIDUALIZED CLINICAL ELECTIVE IN DERMATOLOGY

2-4 credits.

Experience blends medical and procedural dermatology, dermatopathology and basic science topics. Advance patient care skills through exposure to a broad array of common and complex cutaneous diseases, formulation of basic differential diagnoses and treatment plans, and performance of common diagnostic procedures. Experience via rotations through general adult and pediatric dermatology clinics, as well as specialty clinics. Opportunities may arise for participation in inpatient dermatology consults. All clinical activities will be completed under the direct supervision of attending physicians and residents. Participate in additional educational activities, including faculty lectures, Grand Rounds conference, and reading or on-line assignments. Additional patient care related learning activities may be assigned by instructors (e.g., literature reviews, presentations on specific topics); these are dependent on the individual student, attending physician, and clinical site.

**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 2024

## DERM 953 – DERMATOLOGY ELECTIVE

2-4 credits.

Experience blends medical and procedural dermatology, dermatopathology and basic science topics. Advance patient care skills through exposure to a broad array of common and complex cutaneous diseases, formulation of basic differential diagnoses and treatment plans, and performance of common diagnostic procedures. Experience via rotations through general adult and pediatric dermatology clinics, as well as specialty clinics. Opportunities may arise for participation in inpatient dermatology consults. All clinical activities will be completed under the direct supervision of attending physicians and residents. Participate in additional educational activities, including faculty lectures, Grand Rounds conference, and reading or on-line assignments. Additional patient care related learning activities may be assigned by instructors (e.g., literature reviews, presentations on specific topics); these are dependent on the individual student, attending physician, and clinical site.

**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 2024

## DERM 954 – AMBULATORY DERMATOLOGY ELECTIVE

2-4 credits.

Outpatient dermatology experience provides exposure to a typical private practice where patients present with a broad array of problems. Learn to diagnose, treat, and/or appropriately refer common dermatologic conditions and to be aware of cutaneous manifestations of serious and significant systemic disease.

**Requisites:** Graduate/professional standing

**Course Designation:** Grad 50% - Counts toward 50% graduate coursework requirement

**Repeatable for Credit:** Yes, unlimited number of completions

**DERM 955 – PUBLIC HEALTH IN DERMATOLOGY SELECTIVE**

2 credits.

Explore the difficulties and opportunities available in improving public health in the specialized field of dermatology. Topics and readings have been developed with public health experts from around the country, and include discussions surrounding skin cancer screening and overdiagnosis, as well as dermatologic challenges in LGBTQ+, skin of color, rural, and inmate communities.

**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 2024