The faculty in the Department of Pathology participate in the Graduate Education in bioMedical Sciences PhD Program and Medical Scientist Training Program. The department is oriented toward the study of disease at the molecular, cellular, organ, whole organism, and population levels, using a wide range of approaches including epidemiology. Students are initially immersed in an integrated curriculum and later they complete specialized training in an area of pathology of their choice, including, but not limited to, cancer prevention, biomarkers of cancer, molecular and genetic epidemiology, tumor biology, and mechanisms of cancer development and progression. All areas focus on translational and transdisciplinary aspects of pathology, cancer research, and epidemiology.

Admission and Degree Requirements

- MS in Pathology
- PhD in Pathology

PATH 421. General Pathology - Dental. 3 hours.
Basic principles of pathological processes. Course Information: Prerequisite(s): ANAT 440 and PATH 407 and PHYB 401; or consent of instructor. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

PATH 422. Systemic Pathology - Dentistry. 3 hours.
Disease process affecting specific organs. Course Information: Prerequisite(s): PATH 421. Class Schedule Information: To be properly registered, students must enroll in one Laboratory and one Lecture.

PATH 507. Physiological Basis of Pathology. 2 hours.
Subject matter allied to general pathology but going deeper into physical chemistry and physiological principles, as set forth in N.R. Joseph's "Comparative Physical Biology." Course Information: Same as HSTL 507. Prerequisite(s): HSTL 401; or PATH 421 and PATH 422.