Prerequisites: Acceptance into the Cytotechnology Program or permission of the cytotechnology program director. Pre- or corequisite: CYTO 405 and CYTO 415.

Cytology Internship II, 3 Credits.
Study of the pathology and cytology of fine-needle aspirations from various body sites, including kidney, retroperitoneum, breast, soft tissue, bone, eye, central nervous system, and skin. Clinical practical application of these principles will be continued at the clinical sites. Prerequisites: CYTO 403, CYTO 405, CYTO 415, CYTO 424, CYTO 445, CYTO 446, CYTO 448, and CYTO 456.

CYTO 458. Cytology Internship I, 3 Credits.
Directly supervised experience in a clinical setting: includes evaluation of gynecologic smears and study set assignments. Students will be exposed to cytopreparatory techniques. Pre- or corequisite: CYTO 405 and CYTO 415.

CYTO 468. Cytology Internship II, 4 Credits.
Directly supervised experience in a clinical setting. Includes evaluation of gynecologic and non-gynecologic specimen slides and study set assignments. Students will pre-screen gynecologic and non-gynecologic smears and study set assignments. Students will be exposed to cytopreparatory techniques. Pre- or corequisite: CYTO 405, CYTO 415, CYTO 424, CYTO 444, CYTO 445, and CYTO 446.

CYTO 478. Cytology Internship III, 8 Credits.
Directly supervised experience in a clinical setting. Includes evaluation of gynecologic and non-gynecologic smears and study set assignments. Students will be exposed to cytopreparatory techniques. Prerequisite: Admission to the cytotechnology program. Pre- or corequisite: CYTO 405, CYTO 415, CYTO 424, CYTO 444, CYTO 445, CYTO 446, and CYTO 457.

CYTO 495. Topics in Cytology, 1-3 Credits.
Independent study of selected topics in clinical cytology. Review of cytologic specimens from various body sites Prerequisites: permission of the program director.
CYTO 497. Cytology Senior Seminar. 1 Credit.
Supervised experience consists of clinical cases and seminar presentations into current advances within the specialty of clinical cytology. A student research project and oral presentation of current journal articles and the research paper are required. Prerequisites: permission of the program director.

CYTO 498. Topics. 1-3 Credits.

CYTO 499. Comprehensive Cytology Review. 1 Credit.
The course is a comprehensive review course that includes the review and study of the exfoliative and non-exfoliative (including fine needle aspirations) cytomorphologic features of neoplastic and non-neoplastic lesions of the female genital tract, respiratory tract, urinary tract, body fluids, lymph nodes, thyroid, salivary glands, pancreas and biliary tract, the diagnostic pitfalls associated with the various body sites, the appropriate use of ancillary techniques in diagnostic cytology, the principles of quality assurance, and the new developments in the field of cytopathology. Prerequisites: CYTO 403, CYTO 405, CYTO 415, CYTO 424, CYTO 428W, CYTO 442, CYTO 444, CYTO 445, CYTO 446, CYTO 448, CYTO 456, CYTO 457, CYTO 458, and CYTO 468.