The dual BSHS in medical laboratory sciences and MSHS in molecular diagnostic sciences degree program allows students to complete graduate course work during their undergraduate program of study, then enabling them to complete the graduate program in a shorter period of time. Students apply principles of traditional and molecular laboratory procedures to perform diagnostic analyses, correlate laboratory data and quality control data to assess patient test results, apply knowledge of traditional and molecular laboratory science principles as they relate to human disease diagnosis, use laboratory safety regulations and regulatory policies to establish a safe work environment, and apply ethical decision making to issues related to clinical laboratory practice.

REQUIREMENTS

Students will complete 6 credits of graduate coursework in their undergraduate curriculum (MLS 6158:Advanced Laboratory Management and Operations and MLS 6141:Advanced Immunology and Serology). These 6 graduate credits will be taken in place of 6 undergraduate credits (MLS 4158:Laboratory Management and Operations and MLS 4141:Immunology and Serology). The undergraduate program is 120 total credits. The graduate program will be completed in 29 credits instead of 35 credits.