

North Dakota State University
MLS 496-Field Experience/Internship

Course Description

NDSU Bulletin Description: Field-oriented supervised learning activities outside the college classroom that include a preplanned assessment of the experience, registration during the term the experience is conducted, and post evaluation with the instructor. Departmental approval. 1-15 credits

MLS 496 completes the baccalaureate degree requirements for the NDSU medical laboratory science (MLS) major. NDSU maintains affiliation agreements with seven hospitals that offer this 12 month field-based MLS experience. All affiliated MLS programs are accredited by the National Accrediting Agency for Clinical Laboratory Science (NAACLS). MLS 496 occurs onsite at the hospital and includes didactic and clinical “bench instruction” in clinical chemistry, hematology, immunohematology, microscopy/urinalysis, medical microbiology, serology, phlebotomy, education, management, and research methods. The research and/or case study project at the end of MLS 496 serves as the capstone experience for the hospital program and NDSU MLS major. (Pre-requisite: Admission into the professional MLS program. Credits: 30; Summer = 6, Fall = 12, Spring = 12)

Course Objectives

1. Demonstrate proficiency in performing laboratory testing, interpreting results and correlating with disease/dysfunction, and critically analyzing/troubleshooting problems in all practice areas of the contemporary medical laboratory at a level consistent with entry into the profession;
2. Demonstrate professional behaviors to include effective written and oral interpersonal and interdisciplinary communication, initiative in completing assignments, application of constructive criticism, quality assurance, ethics, sound judgment, dependability and team skills expected of an entry-level medical laboratory scientist;
3. Complete and present, in writing and orally, a research and/or case study project that integrates existing body of knowledge with research in the field and includes use of appropriate sources and citations;
4. Adhere to safety and governmental regulations and standards of laboratory practice.

Instructor Information

Name:

Office Location:

Phone:

Email:

Office Hours:

Evaluation

Students will be evaluated according to the grading standards established by the hospital affiliated program, published in the program handbook and made available to the student upon entry into the hospital program. All courses must be completed with a minimum grade of “C”. Students are responsible for observing university/College regulations as well as regulations of the hospital program. NDSU will award a grade of “Pass” for successful completion of each term of MLS 496. Grades of Pass

are not included in calculation of NDSU's grade point average. Specific letter grades are assigned by the hospital program and maintained on their program's official transcript. Attendance is mandatory and policies of the hospital program for reporting and making up absences must be followed.

Course Calendar

Affiliated hospital programs will establish the didactic and bench rotation schedules. Internship calendars do not follow the NDSU calendar.

Required student resources

Upon admission into the professional program, students will receive the respective hospital program's list of textbooks, supplies, uniforms, and other required materials to be purchased by the student. Generally, textbook and supplies cost approximately \$500-1000 for the 12-month internship.

Special Needs Accommodations

Any students with disabilities or other special needs who need special accommodations are invited to share these concerns or requests with the program director and contact the Disability Services Office (phone: 701-231-8463) as early as possible to ensure that accommodations may be implemented in a timely fashion.

Academic Responsibility and Conduct

The academic community is operated on the basis of honesty, integrity, and fair play. NDSU Policy 335: Code of Academic Responsibility and Conduct applies to cases in which cheating, plagiarism, or other academic misconduct have occurred in an instructional context. Students found guilty of academic misconduct are subject to penalties, up to and possibly including suspension and/or expulsion. Student academic misconduct records are maintained by the Office of Registration and Records. Informational resources about academic honesty for students and instructional staff members can be found at www.ndsu.edu/academichonesty

Students participating in clinical experiences must uphold the specific policies of their clinical site and the academic and professional standards of the College of Pharmacy, Nursing and Allied Sciences Student Academic and Conduct Policy 3.01: www.ndsu.edu/fileadmin/pharmacy/Policy_Manual_9-26.2011.pdf