

B.S. in Medical Lab Science (3+1) Description

The B.S. in medical technology (3 + 1 program) prepares students for a career that plays an important role in the detection, diagnosis, and treatment of disease. Medical technologists examine and analyze body fluids and cells, usually in a laboratory setting. This degree is awarded by the University of Mississippi through a contractual agreement with North Mississippi Medical Center (NMMC) in Tupelo.

Minimum Total Credit Hours: 120 Course Requirements

Students must complete general degree requirements for the College of Liberal Arts prior to beginning the professional clinical year. (Presently, only one institution is approved as an affiliate in the 3 + 1 program, the North Mississippi Medical Center in Tupelo.) A grade of C or better must be obtained in the prerequisite courses listed below with a minimum 2.6 GPA, and students must apply to be selected. There is no guarantee of admission. Please note that NMMC gives preference to qualified Mississippi residents in their selection of 12 students per year. The deadline for applying to the program through NMMC is typically mid-December the year prior to entry. Students are awarded 33 semester hours of 400-level course work for successfully completing their professional year at NMMC; thus, a minimum of 87 semester hours must be earned prior to leaving the University of Mississippi including all prerequisites below. [Selection criteria are detailed on NMMC's website.](#)

Courses to be completed at the Oxford campus, which are specific for the program at the North Mississippi Medical Center, are as follows:

Course	Hours
Writ 101, 102, Hon 101 102, Liba 102	6
Bisc 160, 161; 162, 163	8
Chem 105, 115, 106, 116	8
Chem 221, 222, 225, 226	8
Math 121 or higher	3
Fine Arts*	3
Eng 221, 222, 223, 224, 225, 226	6
Foreign Language (6 hours at the 200 level or above)	6
Social Sciences and Humanities, with at least 6 hours from the social sciences**	12
Bisc 333 Microbiology	4
Bisc 414 Immunology and Serology	3
Electives	20
Total Prerequisites from UM	87
Total earned at NMMC (August to August)	33
Total	20

*Any Art History (AH); Danc 200; Liba 130; Mus 101, 102, 102, 104, 105; Thea 201, 202

**The courses may be chosen from African American studies, anthropology, classical civilization, economics, gender studies, history, Liba 202, philosophy, political science, psychology, religious studies, sociology, and Southern studies. At least 6 hours must be chosen from among the social sciences, which consists of anthropology, economics, Liba 203, political science, psychology, and sociology.

Students admitted into the medical laboratory science program at North Mississippi Medical Center (NMMC) will be registered for the following courses at the University of Mississippi during their 12-month clinical year. In order to receive a B.S. in medical laboratory science from the University of Mississippi, students must complete all classes below with a C or better. Students will apply for August graduation and sit for the Medical Laboratory Scientist (MLS) certification exam from the American Society for Clinical Pathology (ASCP) following successful completion of required courses.

Fall Clinical Year at NMMC	Hours
Liba 410. Med Lab: Urinalysis	1
Liba 411. Med Lab: Serology/Immunology	2
Liba 412. Med Lab: Clinical Microbiology	3
Liba 413. Med Lab: Hematology	3



Fall Clinical Year at NMMC

Liba 414. Med Lab: Clinical
Analysis of Fluids

Hours

3

Liba 415. Med Lab:
Immunohematology

3

**Spring Clinical Year at
NMMC**

Hours

Liba 416. Med Lab:
Management/Education

2

Liba 417. Med Lab:
Microbiology/Immun. Rotation

4

Liba 418. Med Lab:
Hematology/Urinalysis
Rotation

4

Liba 419. Med Lab:
Immunohematology Rotation

4

Liba 420. Med Lab: Clinical
Rotation

4

