

## B.S. in Medical Technology (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. No tuition is charged by NMMC for clinical year studies. [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,<br>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,<br>226   | 6     |
| Foreign Language (6 hours at<br>the 200 level or above)                                   | 6     |
| Social Sciences and<br>Humanities, with at least 6<br>hours from the social<br>sciences** | 12    |
| Bisc 333 Microbiology   | 4     |
| Bisc 414 Immunology and<br>Serology   | 3     |
| Electives   | 20    |
| Total Prerequisites from UM   | 87    |
| Total earned at NMMC<br>(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 technology 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 technology 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 Tech: Urinalysis               | 1     |
| Liba 411. Med Tech:<br>Serology/Immunology   | 2     |
| Liba 412. Med Tech: Clinical<br>Microbiology | 3     |
| Liba 413. Med Tech:<br>Hematology            | 3     |



**Fall Clinical Year at NMMC**

Liba 414. Med Tech: Clinical  
Analysis of Fluids

**Hours**

3

Liba 415. Med Tech:  
Immunohematology

3

**Spring Clinical Year at  
NMMC**

**Hours**

Liba 416. Med Tech:  
Management/Education

2

Liba 417. Med Tech:  
Microbiology/Immun. Rotation

4

Liba 418. Med Tech:  
Hematology/Urinalysis  
Rotation

4

Liba 419. Med Tech:  
Immunohematology Rotation

4

Liba 420. Med Tech: Clinical  
Rotation

4

