

## Medical Technology: 3+1

### at The University of Mississippi Medical Center Campus

Health Professions Advising Office, University of Mississippi Oxford Campus

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This curriculum is based on the Medical Technology program at North Mississippi Medical Center in Tupelo, MS ([http://www.nmhs.net/medical\\_technology\\_program.php](http://www.nmhs.net/medical_technology_program.php)). Incoming freshmen with an ACT Math sub score of 25 or higher will be able to finish the pre-requisites at the Oxford campus in three academic years (3+1) with six full semesters, plus summer coursework to lighten load in first year. Incoming freshmen with an ACT Math sub score below 25 will be able to finish the pre-requisites on the Oxford campus in three academic years (4+1: see suggested first-year curriculum on reverse). The final year of the program takes place on the NMMC campus in Tupelo and consists of 12 months (1 year) of lecture, laboratory, demonstration and clinical course work. Class size is limited and acceptance into the program in Tupelo, MS is on a competitive basis.

#### **Required Pre-Requisite Courses 3+ 1 program (ACT Math sub score 25 or higher):**

##### **Fall Semester – Year 1**

WRIT 101	3	___
Foreign Language 101	3	___
CHEM 105 & 115*	4	___
MATH 121 or MATH 125	3	___
Social Science	3	___
	16	hours

##### **Spring Semester – Year 1**

WRIT 102	3	___
Foreign Language 102	3	___
CHEM 106 & 116	4	___
Elective (MATH 115 or PSY 202)	3	___
Fine Arts	3	___
	16	hours

##### **Summer**

BISC 160 & 161*	4	___
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BISC 162 & 163	4	___
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##### **Fall Semester – Year 2**

ENGL (any 200 lit survey course)	3	___
CHEM 221 & 225 (organic)	4	___
Foreign Language 201	3	___
Elective	3	___
Social Science	3	___
	16	hours

##### **Spring Semester – Year 2**

ENGL (any 200 lit survey course)	3	___
CHEM 222 & 226 (organic)	4	___
Foreign Language 202	3	___
Elective (CSCI 191 or 192 rec)	3	___
History	3	___
	16	hours

##### **Fall Semester – Year 3**

Elective (WRIT 250 rec)	3	___
BISC 333 (Microbiology)	4	___
History	3	___
Additional Humanities	3	___
	13	hours

##### **Spring Semester - Year 3**

Elective (BISC 336 rec)	3 or 4	___
Elective (MGMT 371 rec)	3	___
BISC 414 (Immunology/ Serology)	3	___
Elective (CHEM 471)	3 or 4	___
	12 or 14	hours

\*Must have a minimum 25 sub score on ACT Math (SAT 570), or B minimum in CHEM 101, or B minimum in MATH 125 (or higher), or B minimum in MATH 121 and MATH 123.

#### **Course Options and Information**

1. The courses listed here are specific to the Medical Technology Program at NMMC in Tupelo, MS. Candidates are advised to contact other schools they might consider to determine which courses are required.
2. Summer school is an option to decrease the heavier course load during the first-year fall semester.
3. In order to qualify to take 300-level classes, students must have at least 24 credit hours.
4. BIOLOGY: Affiliated institutions require 16 hours of biology to include Microbiology and Immunology/ Serology, and a year of general biology. Courses in Genetics, Human Anatomy and Physiology, Comparative Anatomy and Physiology are recommended as electives (see below) to complete the

required hours.

5. CHEMISTRY: One academic year of general chemistry and one full year of organic/ and or biochemistry for a total of 16 semester hours are required.
6. FINE ARTS: include Music 103, Theatre 201, or any Art History course.
7. SOCIAL SCIENCES & HUMANITIES: Six hours each of two social sciences are required for the B.S. degree. Choose from Anthropology, African American Studies, Economics, History, Political Science, Psychology, Classical Civilization, Philosophy, Religion, and Sociology.
8. ELECTIVES: Highly recommended electives are additional courses in Genetics (BISC 336), basic computer concepts (CSCI 191 or 192), physics (PHYS 213 & 223/ PHYS 214 & 224), statistics (MATH 115 or PSY 202), or management (MGMT 371), applied writing (WRIT 250), Anatomy and Physiology I and II (BISC 206 and BISC 207), and biochemistry (CHEM 471 & 472). \*Must take MATH 123 for Physics\*

**Admissions Information:**

1. NMMC in Tupelo gives strong preference to legal residents of Mississippi. Out-of-state applicants will be considered only if there are positions available after all qualified Mississippi applicants are accepted.
2. Have completed all pre-requisite courses leading to a B.S. degree.
3. Have a **minimum grade point average of 2.60 on a 4.00 scale** with a “C” or better in all pre-requisite medical technology courses, especially all biology and chemistry courses.
4. All forms and applications, including the application for admission, a college transcript or a U.S. degree equivalency evaluation and the written personal recommendation from faculty and associates, must be complete and on file by the deadline date announced.
5. The applicant must demonstrate an interest in and a desire to obtain proficiency in medical technology.
6. The applicant must have had a personal interview in conjunction with his/her application.
7. The applicant’s health should permit him/her to meet the technical and intellectual standards of the program.
8. The applicant must have taken a science course within the last seven years.

**APPLYING to the Medical Technology Program:** Applications are accepted August 1 through December 15 prior to the class which begins the following August. Interviews will be scheduled after the application deadline of December 15. Forms should be completed and returned to:

Medical Technology Program Director, North Mississippi Medical Center  
830 South Gloster Street  
Tupelo, MS 38801

Completed applications must be furnished by the deadline announced. The accepted class will begin the following August.

For further information, visit: [http://www.nmhs.net/medical\\_technology\\_program\\_application.php](http://www.nmhs.net/medical_technology_program_application.php)

**Other Medical Technology programs may have different requirements!**

Suggested first year curriculum for students entering UM with an ACT Math sub-score less than 23, or SAT Math score less than 550:

**Fall Semester – Year 1**

WRIT 101	3	_____
CHEM 101	4	_____
Fine Arts <u>or</u> Social Sc	3	_____
MATH 121 (College Algebra)	3	_____
EDHE 105	3	_____
	16 hours	

**Spring Semester – Year 1**

WRIT 102	3	_____
Elective (CSCI 191 or 192 rec)	3	_____
Elective (MATH 115 or PSY 202 rec)	3	_____
Fine Arts <u>or</u> Social Sci	3	_____
Foreign Language 101	3	_____
	15 hours	