Medical Technology: 3+1
at The University of Mississippi Medical Center Campus
Health Professions Advising Office, University of Mississippi Oxford Campus
http://healthprofessions.olemiss.edu/ HPAO@olemiss.edu

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). 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**

<table>
<thead>
<tr>
<th>Fall Semester – Year 1</th>
<th>3+ 1 program (ACT Math sub score 25 or higher)</th>
<th>Spring Semester – Year 1</th>
</tr>
</thead>
<tbody>
<tr>
<td>WRIT 101</td>
<td>3 ___</td>
<td>WRIT 102</td>
</tr>
<tr>
<td>Foreign Language 101</td>
<td>3 ___</td>
<td>Foreign Language 102</td>
</tr>
<tr>
<td>CHEM 105 &amp; 115*</td>
<td>4 ___</td>
<td>CHEM 106 &amp; 116</td>
</tr>
<tr>
<td>MATH 121 or MATH 125</td>
<td>3 ___</td>
<td>Elective (MATH 115 or PSY 202)</td>
</tr>
<tr>
<td>Social Science</td>
<td>3 ___</td>
<td>Fine Arts</td>
</tr>
<tr>
<td></td>
<td>16 hours</td>
<td>16 hours</td>
</tr>
<tr>
<td>Summer</td>
<td>BISC 160 &amp; 161*</td>
<td>BISC 162 &amp; 163</td>
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<td></td>
<td>4 ___</td>
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<thead>
<tr>
<th>Fall Semester – Year 2</th>
<th>Spring Semester – Year 2</th>
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</thead>
<tbody>
<tr>
<td>ENGL (any 200 lit survey course)</td>
<td>3 ___ ENGL (any 200 lit survey course)</td>
</tr>
<tr>
<td>CHEM 221 &amp; 225 (organic)</td>
<td>4 ___ CHEM 222 &amp; 226 (organic)</td>
</tr>
<tr>
<td>Foreign Language 201</td>
<td>3 ___ Foreign Language 202</td>
</tr>
<tr>
<td>Elective</td>
<td>3 ___ Elective (CSCI 191 or 192 rec)</td>
</tr>
<tr>
<td>Social Science</td>
<td>3 ___ History</td>
</tr>
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<td></td>
<td>16 hours</td>
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<tr>
<td>Fall Semester – Year 3</td>
<td>Spring Semester - Year 3</td>
</tr>
<tr>
<td>Elective (WRIT 250 rec)</td>
<td>3 ___ Elective (BISC 336 rec)</td>
</tr>
<tr>
<td>BISC 333 (Microbiology)</td>
<td>4 ___ Elective (MGMT 371 rec)</td>
</tr>
<tr>
<td>History</td>
<td>3 ___ BISC 414 (Immunology/ Serology)</td>
</tr>
<tr>
<td>Additional Humanities</td>
<td>3 ___ Elective (CHEM 471)</td>
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<tr>
<td></td>
<td>13 hours</td>
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13 hours

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

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:

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<thead>
<tr>
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<th>Spring Semester – Year 1</th>
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<tbody>
<tr>
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<td>3___</td>
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<tr>
<td>CHEM 101</td>
<td>Elective (CSCI 191 or 192 rec)</td>
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<tr>
<td>4___</td>
<td>3___</td>
</tr>
<tr>
<td>Fine Arts or Social Sc</td>
<td>Elective (MATH 115 or PSY 202 rec)</td>
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<tr>
<td>3___</td>
<td>3___</td>
</tr>
<tr>
<td>MATH 121 (College Algebra)</td>
<td>Fine Arts or Social Sci</td>
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<tr>
<td>3___</td>
<td>3___</td>
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<tr>
<td>EDHE 105</td>
<td>Foreign Language 101</td>
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<td>3___</td>
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17 November 2014