

**GENERAL INFORMATION  
FOR  
PRE-MEDICAL TECHNOLOGY STUDENTS  
AT  
MIDDLE TENNESSEE STATE UNIVERSITY**

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**A.** There are two programs you may follow leading to a degree in Science, with emphasis in Medical Technology. These are:

**(1) A TWO PLUS TWO PROGRAM:** This type program involves two years of study in an academic degree granting institution (MTSU) followed by two years in a school of Medical Technology. In Tennessee, this type of program leading to a B.S. degree is offered at The University of Tennessee, Health Science Center School of Medical Technology.

**(2) A THREE PLUS ONE PROGRAM:** This program involves a 3 year (90 sem.hrs.) period of study (the last year at least being at MTSU) as prescribed in the MTSU Medical Technology Curriculum. Upon successful completion of at least one year study in a nationally approved School of Medical Technology, a B.S. degree is given by MTSU. Information on affiliated medical technology schools in Tennessee offering this program is given below.

PROGRAM & LOCATION	PROGRAM DIRECTOR	LENGTH OF PROGRAM (months)	STUDENT CAPACITY	CLASSES BEGIN
Tennessee State-Meharry Program of Medical Technology	Theola Copeland	12	14	August
Vanderbilt University Program of Medical Technology	Maralie Exton	12	12	June
Austin Peay State Program of Medical Technology	Rob Robison	12	14	June

**B.** By the end of your second year in the 3 plus 1 program:

- (a)** File Upper-division Form (secure copy from advisor).
- (b)** Contact medical technology schools of interest to secure application forms and application deadlines.

**C.** Occasionally, MTSU students are accepted to schools with which we have no affiliation agreements. In this event, special arrangements will be made on an individual student basis between MTSU and the approved medical technology school.

**D.** Prior to the deadline for filing applications to medical technology schools you should schedule an interview with the Preprofessional Advisory Committee. This evaluation process will provide references to be sent to any school to which you apply.

**MEDICAL TECHNOLOGY CURRICULUM**

## YEAR 1

### 1st Semester

_____ Chemistry 1110/1111 (Note 1)	4 hrs
_____ Biology 1110/1111	4 hrs
_____ English 1010	3 hrs
_____ Math 1710 or equivalent	3 hrs
_____ COMM 2200	3 hrs

### 2nd Semester

_____ Chemistry 1120/1121	4 hrs
_____ Biology 1120/1121	4 hrs
_____ English 1020	3 hrs
_____ Physics 1300 or 2010/2011	3 or 4 hrs
_____ Humanities/Fine Arts	3 hrs

Total Hours to Date \_\_\_\_\_ Upper Div. \_\_\_\_\_

Total Hours to Date \_\_\_\_\_ Upper Div. \_\_\_\_\_

**NOTE 1:** Students with a weak chemistry background should take Chemistry 1010/1011 before taking Chemistry 1110/1111.

## YEAR 2

### 3rd Semester

_____ Chemistry 3010/3011	4 hrs
_____ Biology 2230/2231	4 hrs
_____ English 2020 or 2030 or HUM 2610	3 hrs
_____ History 2010 or 2020 or 2030	3 hrs

### 4th Semester

_____ Chemistry 3020/3021	4 hrs
_____ Biology 3250/3251	3 hrs
_____ Humanities/Fine Arts	3 hrs
_____ History 2010 or 2020 or 2030	3 hrs
_____ Social/Behavioral Sciences	3 hrs

Total Hours to Date \_\_\_\_\_ Upper Div. \_\_\_\_\_

Total Hours to Date \_\_\_\_\_ Upper Div. \_\_\_\_\_

Student should file an Upper-division Form at this time. Get a copy of Upper-division Form from your advisor. Secure application forms from medical technology school(s) of choice and file by respective deadline.

## YEAR 3

### 5th Semester

_____ Chemistry 3530/3531	4 hrs
_____ Biology 4110/4111	4 hrs
_____ Biology 4300/4301	3 hrs
_____ Electives **	2 hrs

### 6th Semester

_____ Computer Science 1150	3 hrs
_____ Biology Upper Division Elective ***	4 hrs
_____ Electives **	3 hrs
_____ Social/Behavioral Sciences	3 hrs

Total Hours to Date \_\_\_\_\_ Upper Div. \_\_\_\_\_

Total Hours to Date \_\_\_\_\_ Upper Div. \_\_\_\_\_

**\*\* Additional Courses Elected:** These must be selected in such a way as to satisfy the upper division semester hour requirement (21 hours for the 3+1 program) and the 120 total semester hours for graduation (90 hours for the 3+1 program). Although these requirements may be met by courses selected from throughout the university curriculum, students are encouraged to give preference to courses which may have medical application and will be helpful in the clinical program. Strongly recommended courses are: MATH 1530, Humanities 2130 (Medical Vocabulary), the courses listed under "Biology Electives," and Biology 2010/2011.

**\*\*\* Biology Electives:** Select from Parasitology 3050/3051, Endocrinology 4170/4171, Cell & Molecular 4210/4211, Mycology 4080/4081, Virology 4440/4441, Diagnostic Microbiology 4430/4431, Histology 4130/4131, Biotechnology 4550.

## YEAR 4

**Training period of 12 months is required in a School of Medical Technology approved by a National Certification Agency and by Middle Tennessee State University.**

**GENERAL INFORMATION:** By following this proposed curriculum a student may enter a School of Medical Technology and become eligible for the Bachelor of Science degree from MTSU under the following conditions:

- (1) The completion of the proposed program with sufficient semester hours numbering 3000 or above and with the last two semesters in residence at MTSU, and
- (2) The successful completion of a training period of at least 12 months in a School of Medical Technology approved by a National Certification Agency and by Middle Tennessee State University.

**MEDICAL TECHNOLOGY CURRICULUM**  
**TWO PLUS TWO PROGRAM**  
**UNIVERSITY OF TENNESSEE-MEMPHIS, HEALTH SCIENCE CENTER**

**YEAR 1**

<b>1st Semester</b>	<b>2nd Semester</b>
_____ Chemistry 1110/1111 (Note 1) 4 hrs	_____ Chemistry 1120/1121 (Note 1) 4 hrs
_____ Biology 1110/1111 4 hrs	_____ Biology 1120/1121 4 hrs
_____ English 1010 3 hrs	_____ English 1020 3 hrs
_____ Math 1710 3 hrs	_____ Electives * 4 hrs
_____ Electives * 3 hrs	

Total Hours to Date \_\_\_\_\_

Total Hours to Date \_\_\_\_\_

NOTE 1: Students with weak chemistry background should take Chemistry 1010/1011 before taking Chemistry 1110/1111.

**YEAR 2**

<b>1st Semester</b>	<b>2nd Semester</b>
_____ Chemistry 3010/3011 4 hrs	_____ Chemistry 3020/3021 4 hrs
_____ Biology 2030/2031 3 hrs	_____ History 2010 or 2020 or 2030 3 hrs
_____ English 2020 or 2030 or HUM 2610 3 hrs	_____ Electives* 6 hrs
_____ History 2010 or 2020 or 2030 3 hrs	
_____ Electives * 3 hrs	

Total Hours to Date \_\_\_\_\_

Total Hours to Date \_\_\_\_\_

\* **ELECTIVES:** Courses in Psychology, Sociology, and Speech are recommended by UT-Memphis, Health Science Center School of Medical Technology. We recommend these be the General Studies courses in the event the MTSU 3 plus 1 might later be decided upon.

**General Information:**

- (1) The third and fourth years of this four year program are spent at The University of Tennessee Health Science Center, leading to a degree of Bachelor of Science in medical technology awarded by the University of Tennessee.
- (2) We strongly recommend that the MTSU 3 plus 1 curriculum be followed as closely as possible for the two years at MTSU to avoid loss of credits in case plans should change in favor of the 3 plus 1 program.
- (3) The following information should prove helpful in this 2 plus 2 program.

<u>Class size:</u>	30	<u>Entering Date:</u>	September
<u>Application Deadline:</u>	December 1	<u>Final Selection Date:</u>	June 1
<u>Length of Program at UTMHSC:</u>	21 Months		

- (4) For information on program, write:

Linda Ross  
Program Director - Medical Technology  
U.T. Memphis, Health Science Center  
822 Beale Street  
Memphis, TN 38163

Tel: 901/448-6304  
<http://www.utmem.edu/allied/cls.html>  
E-mail: [cls@utmem.edu](mailto:cls@utmem.edu)