

MEDICAL TECHNOLOGY - B.S.*(CLINICAL LABORATORY SCIENCE at UMMC)***JCJC CURRICULUM SHEET**

The sample program of study is representative of a preprofessional curriculum leading to the B.S. in Medical Technology. Known as a 3 + 1 program, the curriculum involves three years of academic studies and one year of clinical laboratory studies. After JCJC, then, there are two additional years of study in a senior college, such as USM and Wm Carey, which includes study in an affiliated hospital based Department of Medical Technology during the fourth year.

See important notes on the back concerning other aspects of the program of study, including information on the 2 + 2 program through UMMC.

FRESHMAN YEAR**ENGLISH COMPOSITION (6 HRS)**

ENG 1113 English Comp. I 3
ENG 1123 English Comp. II 3

HISTORY (6 HRS)

HIS 1113 Western Civ. I 3
HIS 1123 Western Civ. II 3

SOCIAL SCIENCE (6 HRS)

PSY 1513 General Psychology 3
SOC 2113 Sociology **or**
PSC 1113 Amer. Nat. Government 3

FINE ARTS (3 HRS)

ART 1113 Art Appreciation **or**
MUS 1113 Music Appreciation 3

MATH (6 HRS)

MAT 1313 College Algebra 3
MAT 1323 Trigonometry+ 3
+ Not required USM
*MAT 1513 Business Calc. or MAT 1815 Calculus I
required USM*

BIOLOGICAL LAB SCIENCE (4 HRS)

BIO 1134 General Biology I 4
BIO 2414 Zoology I 4

PHYSICAL LAB SCIENCE (8 HRS)

CHE 1214 General Chemistry I 4
CHE 1224 General Chemistry II 4

SOPHOMORE YEAR**LITERATURE (Select 3 HRS)**

ENG 2413 World Lit. 3
ENG 2323 English Lit. I 3

HUMANITIES

PHI 2113 Intro. to Philosophy 3

COMPUTER SCIENCE (3 HRS)

CSC 1113 Computer Concepts 3

BIOLOGICAL LAB SCIENCE

BIO 2514 Ana. & Physiology I+* 4
BIO 2524 Ana. & Physiology II* 4
BIO 2924 Microbiology 4

**Not required at USM*

*+Prerequisite is one lab science course
in biology, zoology, or chemistry.*

PHYSICAL LAB SCIENCE (4-8 HRS)

CHE 2424 Organic Chemistry I 4
CHE 2434 Organic Chemistry II+ 4
+Not required at USM

SPEECH (3 HRS)

SPT 1113 Speech 3

HEALTH (3 HRS) USM

HPR 1213 Health 3

6/06

MEDICAL TECHNOLOGY - B.S. -- NOTES:

In MedTech programs where A&P is required, note that the prerequisite for A&P at JCJC is one semester of a biological science or chemistry. Microbiology also has the same prerequisite as A&P.

In addition to the courses shown on the reverse in the sample curriculum, William Carey requires two semesters in each of the following: Religion, Physical Education activity, Zoology, and Literature. These may be completed on the William Carey College campus, if necessary.

Organic Chemistry, if postponed until the student arrives at USM, may be replaced at USM with a special one-semester course in Organic Chemistry to be followed with a Biochemistry course.

For students transferring to the University of Mississippi Medical Center's Department of Clinical Laboratory Sciences, the JCJC program becomes part of a 2 + 2 program: two years of premedical technology studies followed by two years of professional studies at the Medical Center in Jackson. A minimum cumulative grade point average of 2.3 with no D's in core science courses is generally required. The B.S. degree is awarded following successful completion of the program, and the student is prepared to sit for credentialing exams.

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Students without adequate preparation in chemistry should enroll in Basic Chemistry before CHE 1214.

It is recommended that the student complete biochemistry in the summer before entering USM in the fall.

Students without an adequate high school math background, which includes a minimum of Algebra II, should enroll in a preparatory math course, such as Basic Math, Beginning Algebra or Intermediate Algebra, prior to College Algebra. Preparatory math courses will not transfer to other institutions.

Additionally, students should plan to complete no more than half of the hours required for a bachelor's degree prior to transferring to the senior institution. The student should consult the catalog of the senior institution for specific admissions procedures and other details concerning the program of study. Students should pay careful attention to application deadlines for each institution.

This CHECK SHEET should be used to keep a careful record of grades for each of the courses and should be presented to the student's advisor for planning the schedule of courses each semester at JCJC.