MEDICAL TECHNOLOGY

COLLEGE : ARTS AND SCIENCES
SCHOOL : NONE
DEGREE : BACHELOR OF SCIENCE
OPTION/TRACK : NONE

LIMITED ACCESS PROGRAM : NO, not in junior year. However, admission into the senior year hospital internship is competitive. Students may apply to six affiliated hospitals located in the State of Florida. A minimum GPA of 2.5 overall and in science is generally required in order to be considered. The mean GPA for students admitted last year was 3.1.

CAMPUS(ES) WHERE OFFERED/CONTACT: TAMPA only / Science Advising Center, Arts and Sciences, (813) 974-2674

• Program of Study at a Florida Community/Junior College or SUS School for Students Planning to Transfer to USF (State Mandated Common Prerequisites)

Students wishing to transfer to USF should complete the A.A. degree at the community college. Some courses required for the major may also meet General Education Requirements thereby transferring maximum hours to the university. A minimum of 60 semester hours must be completed at the university unless prior approval is secured.

A student who transfers without an A.A. degree and has fewer than 60 semester hours of acceptable credit must meet the university’s entering freshman requirements including ACT or SAT test scores, GPA, and course requirements.

Students should complete the following prerequisite courses listed below at the lower level prior to entering the University. If these courses are not taken at the community college, they must be completed before the degree is granted. Unless stated otherwise, a grade of “C” is the minimum acceptable grade. They may be completed at a community college or other institution or at USF. Courses available at USF are indicated with an asterisk.

1. General Biology I with lab (e.g. BSC 1010, 1010L; BSC 2010, 2010L*) (4)
2a. Human Anatomy and Physiology I with lab (e.g. BSC 1085, 1085L) (4) and
   Human Anatomy and Physiology II with lab (e.g. BSC 1086, 1086L) (4)
or
b. Human Physiology with lab (e.g. PCB 4703C; BSC 3092*) (4-5) and one of the following options:
   General Biology II with lab (e.g. BSC 1011, 1011L; BSC 2011, 2011L*) (4)
or
   Genetics with lab (e.g. PCB 3063, 3063L*) (4)
or
   Cell Biology with lab (e.g. PCB 3023, 3023L*) (4)
or
   Human Anatomy with lab (e.g. BSC 1095, 1095L; ZOO 3733C) (4)
3. General Microbiology with lab (e.g. MCB 2010, 2010L; MCB 3030C*) (4)
4. General Chemistry I & II with labs (e.g. CHM 1045, 1045L, 1046, 1046L; CHM 2041, 2045L, 2046, 2046L*) (8)
5. Organic Chemistry I with lab (e.g. CHM 2210, 2210L*) (4-5)
6a. Organic Chemistry II with lab (e.g. CHM 2211, 2211L*) (4-5) or
   b. Quantitative Analysis (e.g. CHM 2120C; CHM 3120C*) (4)
7. Statistics (e.g. STA 2023*) (3-4)

• Admission Requirements to the University Program of Study

Please be aware of the immunization, foreign language, and continuous enrollment policies of the university. This is a non-limited access program at the junior level with the above courses recommended.

• Requirements for the B.S. Degree

In addition to the Common Prerequisites listed above, the following courses are required for the degree at USF:

   College Algebra (MAC 2102 or MAC 2132) (3)
   Determinative Bacteriology (MCB 4115) (5)
   Immunology (PCB 5235 or equivalent) (3)
   Clinical Chemistry (CHS 4300) (3)

Ability to use computers is essential for work in a modern laboratory. Hospitals recommend elective courses in use of computers and in management.

Upon successful completion of this curriculum and acceptance by one of the affiliated hospitals, the student will complete 12 continuous months of training at that hospital. Hospital programs begin in July or early August each year, and some hospitals also have programs beginning in January or February. During this clinical training, the student will continue to be registered as a full-time student of the University and will receive a total of 30 credit hours of work in:

   MLS 4031 Introduction to Medical Technology (1)
   MLS 4860 Clinical Urinalysis and Body Fluids (2)
   MLS 4861 Clinical Immunology (2)
   MLS 4862 Clinical Hematology (6)
   MLS 4863 Clinical Microbiology (6)
   MLS 4864 Clinical Chemistry (6)
   MLS 4865 Clinical Immunohematology (6)
   MLS 4866 Clinical Laboratory Management and Education (1)

These courses, listed under “Interdisciplinary Arts and Sciences,” will be taught at the hospital. A “C” or higher must be earned in each course. Students successfully completing this program will be granted a Bachelor of Science degree in Medical Technology.