

## MEDICAL TECHNOLOGY

### FACULTY

Wellington Buel Stewart, chairman

#### Professors

Wellington Buel Stewart M.D., Rochester, 1945  
 Rudolph J. Muelling, Jr. M.D., Louisiana State, 1950  
 Daniel L. Weiss M.D., Columbia, 1946

#### Associate Professors

Herbert Braunstein M.D., Hahnemann, 1950  
 John Arthur Koepke M.D., Wisconsin, 1956  
 Duane Tweeddale M.D., Creighton, 1951

#### Assistant Professors

Louis D. Dubilier M.D., Rochester, 1950  
 Mary Frances James M.S., Alabama, 1961  
 Irene Roeckel Dr.M.Sc., Heidelberg, 1948  
 Wilmier Talbert, Jr. M.D., Washington (St. Louis), 1956

#### Instructor

Jennie Dee Seaton M.S., Minnesota, 1963

The Medical Technology curriculum is a program of the School of Allied Health Professions of the Medical Center leading to a B.S. degree in Medical Technology.

The four-year program satisfies the University requirements for a B.S. degree, the educational requirements of the Council on Medical Education of the American Medical Association for Medical Technologists, and the prerequisites for national certification by the Registry of Medical Technologists (ASCP).

The Medical Technology curriculum provides breadth in general education through fulfillment of the General Studies Area requirements of the University, a strong foundation in the basic sciences essential to Medical Technology, and professionally oriented instruction and experience in the Department of Pathology of the College of Medicine and the Clinical Laboratories of the University Hospital. The curriculum prepares graduates not only for professional work in clinical, public health and research laboratories, but also provides an educational background for graduate studies in Medical Technology or its related fields.

Students desiring to follow a Medical Technology major will register for the first two years in the College of Arts and Sciences but will be assigned an advisor from the Department of Medical Technology.

### CURRICULUM LEADING TO THE DEGREE OF B.S. IN MEDICAL TECHNOLOGY

#### Freshman Year

##### First Semester

ENG 101—Freshman Composition	Crs.	3
CHE 102 or 110—General Chemistry		5
MA 113—Analytics and Calculus		4
*Area Studies		3
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Second Semester	
ENG 102—Freshman Composition	3
CHE 104 or 112—General Chemistry	5
ZOO 100—General Zoology	4
*Area Studies	3
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#### Sophomore Year

##### First Semester

CHE 230 and 231—Organic Chemistry	5
Foreign Language	3
ANA 206	3
*Area Studies	3
**PAT 820—Introduction to Medical Technology I	1
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##### Second Semester

MB 200—Principles of Bacteriology	4
CHE 232 and 233—Organic Chemistry	5
Foreign Language	3
PGY 206—Elementary Physiology	3
*Area Studies	3
**PAT 821—Introduction to Medical Technology II	1
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#### Junior Year

##### First Semester

MB 500—Pathogenic Bacteriology	4
ZOO 534—Parasitology	4
PHY 211—General Elementary Physics	5
ZOO 513—General Histology	4
PAT 830—Medical Technology Seminar, I	1
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##### Second Semester

MB 550—Immunology and Serology	5
PHY 213—General Elementary Physics	5
CHE 226—Analytical Chemistry	5
PAT 831—Medical Technology Seminar, II	1
Elective	3
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#### Senior Year

A student must have a minimum of 97 credits (exclusive of Physical Education or Military Science), including the courses listed for the junior year or their equivalents, for admission to the senior year of professional instruction and a cumulative 2.0 point average.

Fifty-two (52) weeks of professional instruction and practicum are required at the University of Kentucky Medical Center to meet the requirements of the Board of Schools of Medical Technology (ASCP) and the Council on Medical Education of the American Medical Association. Senior classes start early in June of each year and cover a period of thirteen and one-half months. University scheduled holidays and between-semester vacations are allowed.

\* Choice between fulfillment of Areas VI, VII or VIII. All must fulfill Area V.

\*\* Not required but highly recommended for all students majoring in Medical Technology.