GENERAL EDUCATION REQUIREMENTS

Course No. & Title #Credits Grade Term

Group I: English Composition and Literature (2 courses)
A. C or better in ENGL 103 or HONR 111 FULFILLED BY MAJOR
B. Literature course (from either ENGL or MDFL Depts.) 4

Group II: History (2 courses)
A. HIST101, 102, or 103 4
B. HIST101, 102, 103 or a HIST course above 103 4

Group III: Humanities and Social Sciences (3 courses)
A. Select one course from one of the following seven areas:
   ART, CMAT, DANC or THEA, MDFL, MUSC, PHIL, HONR 211
   4
B. Select one course from one of the following eight areas:
   ANTH, CADR, ECON or FINA, ENVRI, Human GEOG, POSC, PSYC, SOCI, HONR 112
   3/4
C. Select one course from either Group IIIA or IIIB
   (course must be from a different area than previously selected)
   3/4

Group IV: Natural Science, Math and Computer Science (4 courses)
A. Select courses with laboratories from at least two of the following four areas:
   BIOL, CHEM, GEOG or Physical GEOG, PHYS
   FULFILLED BY MAJOR
B. Select one additional course (need not be a lab) from Group IVA
   or ENVRI or ENVR or COSC or MATH or HONR 212
   FULFILLED BY MAJOR
C. Select one course from MATH
   FULFILLED BY MAJOR

Group V: Health Fitness (1 course)
FTWL106 - Lifelong Fitness and Wellness 3

MAJOR REQUIREMENTS

To be considered for admission to the upper-division courses, students must:
- Complete ENGL 103 or equivalent with a grade of C or better.
- Earn a minimum 2.3 cumulative GPA when calculating all undergraduate coursework taken at all institutions, including transfer courses.
- Successfully complete the medical laboratory science General Education and lower level requirements with grades of C or better and earn a GPA of at least 2.3 in these courses.
- Complete an application form and submit it by March 1 of the sophomore year.
- Transfer students and medical laboratory technicians should seek individual advisement from program faculty to prevent duplication of coursework and/or experience.
- CHEM 221 and 222 (Organic Chemistry) are recommended for professional schools and graduate programs.

Course No. & Title #Credits Grade Term

MEDICAL LABORATORY SCIENCE, GENERAL EDUCATION & LOWER LEVEL REQUIREMENTS (7 courses)
Complete the following with C or better:
BIOI211 - Microbiology 4
BIOI215 - Anatomy and Physiology I 4
BIOI216 - Anatomy and Physiology II 4
CHEM121 - General Chemistry I 4
CHEM122 - General Chemistry II 4
ENGL103 - Composition and Research 4
or HONR111 - Critical Thinking and Writing 4
MATH155 - Modern Statistics with Computer Analysis 3
Note: BIOI210 should be taken by students interested in completing upper level biology courses.

PROFESSIONAL REQUIREMENTS (19 courses)
Complete the following with C or better:
MDTC101 - Safety in the Biological, Chemical and Clinical Laboratory 1
MDTC300 - Principles of Medical Laboratory Science 4
MDTC301 - Hematology I 4
MDTC311 - Clinical Microbiology I 4
MDTC331 - Diagnostic Immunology 4
MDTC341 - Clinical Biochemistry I 5
MDTC401 - Hematology II 4
MDTC402 - Hematology III 3
MDTC403 - Urine and Body Fluid Analysis 1
MDTC411 - Clinical Microbiology II 4
MDTC412 - Clinical Microbiology III 3
MDTC413 - Clinical Immunology 1
MDTC431 - Introduction to Transfusion Services 3
MDTC432 - Clinical Practice in Transfusion Services 3
MDTC441 - Clinical Biochemistry II 4
MDTC442 - Automated Clinical Chemistry 2
MDTC443 - Special Clinical Chemistry 3
MDTC461 - Organization and Management of the Laboratory 2
MDTC471 - Clinical Seminar 1