GENERAL EDUCATION REQUIREMENTS

Course No. & Title | #Credits | Grade | Term | Completed
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**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, ENVR, Human GEOG, POSC, PSYC, SOCI, HONR 112
   - 3/4
   - (PSYC101 recommended for medical school)
C. Select one course from either Group IIIA or IIIB
   - (course must be from a different area than previously selected)
   - 3/4
   - (SOCI101 recommended for medical school)

**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, GEOL or Physical GEOG, PHYS
   - FULFILLED BY MAJOR
B. Select one additional course (need not be a lab) from Group IVA or ENVH or EHWR 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

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**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.

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<th>Course No. &amp; Title</th>
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<th>Term</th>
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**MEDICAL LABORATORY SCIENCE, GENERAL EDUCATION & LOWER LEVEL REQUIREMENTS (7 courses)**

Complete the following with C or better:

- BIOL211 - Microbiology
- BIOL215 - Anatomy and Physiology I
- BIOL216 - Anatomy and Physiology II
- CHEM121 - General Chemistry I
- CHEM122 - General Chemistry II
- MATH155 - Modern Statistics with Computer Analysis
- ENGL103 - Composition and Research
- HONR111 - Critical Thinking and Writing

**PROFESSIONAL REQUIREMENTS (19 courses)**

Complete the following with C or better:

- MDTC101 - Safety in the Biological, Chemical and Clinical Laboratory
- MDTC300 - Principles of Medical Laboratory Science
- MDTC301 - Hematology I
- MDTC311 - Clinical Microbiology I
- MDTC331 - Diagnostic Immunology
- MDTC341 - Clinical Biochemistry I
- MDTC401 - Hematology II
- MDTC402 - Hematology III
- MDTC403 - Urine and Body Fluid Analysis
- MDTC411 - Clinical Microbiology II
- MDTC412 - Clinical Microbiology III
- MDTC413 - Clinical Immunology
- MDTC431 - Introduction to Transfusion Services
- MDTC432 - Clinical Practice in Transfusion Services
- MDTC441 - Clinical Biochemistry II
- MDTC442 - Automated Clinical Chemistry
- MDTC443 - Special Clinical Chemistry
- MDTC461 - Organization and Management of the Laboratory
- MDTC471 - Clinical Seminar

**ADDITIONAL PRE-HEALTH REQUIREMENTS (6 courses)**

Required for professional schools and graduate programs.

- BIOL210* - Biology: Concepts and Methods
- BIOL213 - Zoology
- CHEM221 - Organic Chemistry I
- CHEM222 - Organic Chemistry II
- CHEM417 - Biochemistry
- PHYS121 - General Physics I
- PHYS123 - General Physics II

* Or the equivalent of one year of general biology.