Entrance Writing Sample Placement Test:_________________

LOWER DIVISION GENERAL EDUCATION

A. Skills

Written Communication
ENGL 110C
ENGL 211C or 231C

Oral Communication (satisfied through major course requirements)

Mathematics
STAT 130M (Required)
MATH 102M*
(*Students may also need MATH 102M to satisfy prerequisite requirements for BIOL 115N and CHEM 121N/122N-123N/124N)

Language and Culture

Information Literacy and Research

B. Ways of Knowing

Human Creativity
ARTH 121A, ARTS 122A, MUSC 264A, DANC 185A, THEA 241A, COMM/THEA 270A

Interpreting the Past
HIST 100H, 101H, 102H, 103H, 104H, or 105H

Literature
ENGL 112L, 114L or FLET 100L

Philosophy and Ethics
PHIL 345E

The Nature of Science
BIOL 115N
CHEM 121N/122N
CHEM 123N/124N

Human Behavior
AAST 100S, ANTR 110S; CRJS 215S; COMM 200S; ECON 200S, 201S, 202S; FIN 210S;
GEOG 100S, 101S; POLS 100S, 101S, 102S; PSYC 201S, 203S; SOC 201S; WMST 201S

Impact of Technology
(HIST 304T or any T course outside the College of Health Sciences)

Departmental Requirements

BIOL 250 Human Anatomy and Physiology I
BIOL 251 Human Anatomy and Physiology II
CHEM 211-212 Organic Chemistry with Lab

Students must complete the following courses prior to entering the medical technology program:
BIOL 115N, 250-251; CHEM 121N/122N, 123N/124N, 211-212; and STAT 130M.

Major Requirements

Third Year-Fall

MEDT 210 Orientation to Med Technology/Clinical Lab Science
MEDT 307 Clinical Methods in Microbiology
MEDT 308 Clinical Microbiology
MEDT 311 Hematology
MEDT 312 Hematology Lab
MEDT 324 Clinical Instrumentation and Electronics
MEDT 325 Clinical Instrumentation Methods
MEDT 330 Clinical Immunology/Serology
MEDT 331 Clinical Immunology/Serology Lab

Third Year-Spring

MEDT 309 Medical Bacteriology
MEDT 310 Urinalysis/Body Fluids
MEDT 313 Diagnostic Methods in Urinalysis
MEDT 319 Medical Bacteriology Methods
MEDT 326 Immunohematology
MEDT 336 Immunohematology Lab
MEDT 327 Hemostasis
MEDT 337 Advanced Hematology
MEDT 339 Parasitology, Mycology and Virology Lab
<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEDT 340 Medical Parasitology, Mycology and Virology</td>
<td>1</td>
</tr>
<tr>
<td>MEDT 351 Clinical Biochemistry</td>
<td>3</td>
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</table>

**Third Year-Summer**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MEDT 320 Phlebotomy Methods</td>
<td>2</td>
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<tr>
<td>Clinical Practica 5-to-6 credits from spring courses</td>
<td>5-6</td>
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</tbody>
</table>

**Fourth Year-Fall**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MEDT 403W Management in the Clinical Setting</td>
<td>3</td>
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<tr>
<td>MEDT 440 Statistical Applications and Data Analysis in the Clinical Laboratory</td>
<td>3</td>
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</table>

**Fourth Year Spring**

<table>
<thead>
<tr>
<th>Course Description</th>
<th>Credits</th>
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<tbody>
<tr>
<td>MEDT 404 Clinical Hematology Practicum</td>
<td>4</td>
</tr>
<tr>
<td>MEDT 406 Clinical Microbiology Practicum</td>
<td>5</td>
</tr>
<tr>
<td>MEDT 452 Clinical Biochemistry Practicum</td>
<td>5</td>
</tr>
<tr>
<td>MEDT 454 Clinical Blood Bank Practicum</td>
<td>4</td>
</tr>
<tr>
<td>MEDT 457 Medical Technology Seminar</td>
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</tr>
<tr>
<td>MEDT 458 Clinical Elective Practicum</td>
<td>1</td>
</tr>
</tbody>
</table>

**UPPER DIVISION GENERAL EDUCATION**

Option A. Approved Disciplinary Minor (a minimum of 12 hours determined by the department), or second degree or second major

Option B. Interdisciplinary Minor (specifically 12 hours, 3 of which may be in the major)

Option C. International Business and Regional Courses or an approved Certification Program such as teaching licensure

Option D. Two Upper-Division Courses from outside the College of Health Sciences and not required by the major (6 hours)

Requirements for graduation include a minimum cumulative grade point average of 2.00 overall and in the major, minimum 121 credit hours, passage of the Exit Examination of Writing Proficiency, and completion of Senior Assessment.