### PATHWAYS

**Medical Laboratory Technician (A.A.S. Degree)**

**FALL 2014-SPRING 2015**

### REMEDIAL SEQUENCE (if required)
- [ ] ESL 1 (8)
- [ ] ESL 2 (6)
- [ ] ESL 3 (6)
- [ ] ENG 9 (4)
- [ ] ENG 1 (4)
- [ ] ENG 2 (4)
- [ ] RDL 1 (5)
- [ ] RDL 2 (5)
- [ ] MTH 1 (4)
- [ ] MTH 5 (6)
- [ ] MTH 6 (6)
- [ ] CHM 2 (4)

### GRADUATION REQUIREMENTS
- [ ] CAT-R
- [ ] CAT-W
- [ ] CAT-M
- [ ] GPA ≥ 2.0
- [ ] Writing Intensive 1
- [ ] Writing Intensive 2

### FRESHMAN REQUIREMENT
- [ ] FYS 11 / OCD 1

**NOTE:** All students wishing to enter the Medical Laboratory Technician curriculum must complete the following pre-MLT sequence with a minimum index of 2.0: BIO 11, ENG 10/11, CHM 17, MTH 13.

### REQUIRED COMMON CORE (course list available online)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
</table>
| A | English Composition  
ENG 10 Fundamentals of Composition and Rhetoric OR ENG 11 Composition and Rhetoric | 3 |
| B | Mathematical and Quantitative Reasoning  
MTH 23 Probability and Statistics | 3 |
| C | Life and Physical Sciences  
BIO 11 General Biology I | 4 |

Subtotal: 10

### FLEXIBLE COMMON CORE (course list available online)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
</table>
| A | World Cultures and Global Issues  
HIS 10 History of the Modern World OR HIS 11 Introduction to the Modern World | 3 |
| D | Individual and Society  
COMM 11 Fundamentals of Interpersonal Communication | 3 |
| E | Scientific World  
BIO 12 General Biology II  
CHM 17 Fundamentals of General Chemistry I | 8 |

Subtotal: 14

### REQUIRED AREAS OF STUDY

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
</table>
| A | ART 10 or MUS 10  
Art Survey OR Music Survey | 1 |
| B | BIO 22  
Medical Terminology | 2 |
| C | BIHM 18  
Fundamentals of General Chemistry II | 4 |
| D | MTH 13  
Trigonometry and College Algebra | 3 |
| E | PSY 11 or SOC 11  
Introduction to Psychology OR Sociology | 3 |

Subtotal: 13

### SPECIALIZATION REQUIREMENTS

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Course Description</th>
<th>Credits</th>
</tr>
</thead>
</table>
| A | BIO 28  
Microbiology and Infection Control | 4 |
| B | BIO 44  
Diagnostic Microbiology | 4 |
| C | BIO 81  
Introduction to Medical Laboratory Technology | 4 |
| D | BIO 82  
Clinical Hematology and Coagulation | 4 |
| E | BIO 83  
Clinical Chemistry | 4 |
| F | BIO 85  
Immunology/Serology | 4 |
| G | BIO 86  
Immunohematology | 4 |
| H | BIO 87  
Urinalysis and Body Fluids | 4 |
| I | BIO 90  
Clinical Internship | 4 |

Subtotal: 29

TOTAL: 66