

## 2+2 Articulation Agreement for Community College of Baltimore County (CCBC) & Towson University

**Associate's Degree:** A.A.S. in Medical Laboratory Technology

**Bachelor's Degree:** B.T.P.S. in Allied Health

**Effective Term:** Fall 2016

### Section 1: Course Completion Plan for CCBC

This section outlines the courses to take for the CCBC general education and program requirements in order to complete both CCBC and TU degrees within a total of 4 years and 120 credits.

**Table 1: General Education Courses Applied to TU Core Curriculum**

CCBC Requirement	CCBC Course to Take	Credits	Towson University Equivalent Course
English Composition	ENGL 101 College Composition I	3	ENGL 102 Writing for a Liberal Education
Mathematics	MATH 135 Applied Algebra & Trigonometry	3	MATH 115 College Algebra
Arts & Humanities	CMNS 101 Fundamentals of Communication	3	COMM 131 Public Speaking
Social & Behavioral Sciences	SOCL 141 Racial & Cultural Minorities	3	SOCI T43 Sociology of Race & Ethnicity
Biological & Physical Sciences	BIOL 109 Human Anatomy & Physiology	4	BIOL 10L Biology Lab Core Elective
Biological & Physical Sciences	CHEM 107 & CHEM 108 Fundamentals of Chemistry Lecture & Lab	4	CHEM 121 & CHEM 121L Allied Health Chemistry I Lecture & Lab
Information Technology	CSIT 101 Technology & Information Systems	3	COSC 111 Technology & Information for Business

**Total general education applied to the TU Core Curriculum: 23 credits**

**Table 2: Program Requirements Applied to TU Degree**

CCBC Requirement	CCBC Course to Take	Credits	Towson University Equivalent Course
Program Prerequisite	BIOL 110 Biology I: Molecular & Cells	4	BIOL 200 & BIOL 200L Intro Cell Biology & Genetics Lecture & Lab
Program Prerequisite	MLTC 101 Introductory Medical Laboratory Technology	3	USEL TLL Unspecified Lower Level Elective

CCBC Requirement	CCBC Course to Take	Credits	Towson University Equivalent Course
Program Requirement	BIOL 230 Microbiology	4	BIOL 215 Essentials of Microbiology
Program Requirement	Biological & Physical Sciences Elective	4	Equivalency will vary by course.
Program Requirement	MLTC 150 Principles of Blood Banking	3	USEL TLL Lower Level Elective
Program Requirement	MLTC 151 Immunological & Molecular Diagnostics	2	USEL TLL Lower Level Elective
Program Requirement	MLTC 180 Principles of Hematology & Coagulation	4	USEL TLL Lower Level Elective
Program Requirement	MLTC 200 Clinical Chemistry	4	USEL TLL Lower Level Elective
Program Requirement	MLTC 202 Urinalysis & Body Fluids	2	USEL TLL Lower Level Elective
Program Requirement	MLTC 231 Clinical Microbiology	4	USEL TLL Lower Level Elective
Program Requirement	MLTC 250 Trends in Medical Lab Technology	1	USEL TLL Lower Level Elective
Program Requirement	MLTC 253 Clinical Internship I – Hematology & Coagulation	2	USEL TLL Lower Level Elective
Program Requirement	MLTC 254 Clinical Internship II – Immunology & Blood Banking	2	USEL TLL Lower Level Elective
Program Requirement	MLTC 255 Clinical Internship III – Chemistry & Urinalysis/Body Fluids	2	USEL TLL Lower Level Elective
Program Requirement	MLTC 256 Clinical Internship IV – Clinical Microbiology	2	USEL TLL Lower Level Elective

**Total program requirements completed at CCBC: 43 credits**

**Total transferred to TU: 64 credits**

While the CCBC program requires 66 credits, students may transfer a maximum of 64 credits to TU. Refer to section 2 for further details on CCBC degree requirements and transferring coursework to TU.

## **Section 2: CCBC Course Selection & Transfer Details**

This section explains any specific course selections made in section 1 and provides transfer planning guidance specific to this degree plan. Students must follow the course selections outlined in this document. If students do not complete any or all of the courses outlined in this agreement, they will be required to complete outstanding requirements at TU.

### **GENERAL EDUCATION**

The following information explains the transfer of students' general education courses:

- The Towson Seminar (Core 1) requirement is waived for all incoming transfer students.
- If students complete any additional general education courses at CCBC, they may transfer in place of some MLTC credits to satisfy additional Core Curriculum requirements.

### **PROGRAM REQUIREMENTS**

The CCBC program requires completion of a 4-credit Biological & Physical Sciences elective. Students must note the following information prior to completing this requirement:

- It is recommended to complete this requirement prior to the selective admission process.
- The CCBC program recommends a chemistry lecture and lab pairing (either CHEM 121 & 122 General Chemistry I or CHEM 146 & 147 Introduction to Organic & Biochemistry). Either of the recommended chemistry courses are acceptable for the TU degree and would count as elective credit at TU.
- Students who plan to follow the Science & Professional Preparation Track at TU may benefit from completing alternate science electives that can apply to the track electives requirement. Any alternate courses must be approved by the CCBC program director.

### **SELECTIVE ADMISSION**

Medical Laboratory Technology is a selective admissions program. Students must complete BIOL 109, BIOL 110, CHEM 107 & 108, ENGL 101, and MLTC 101 prior to program admission. Students should contact CCBC for more information about the program admission requirements and application process.

### **NONTRANSFERABLE CREDIT**

CCBC requires any student who is new to college to take ACDV 101 Academic Development: Transitioning to College. Students must provide an official transcript(s) from an accredited institution to document successful completion of college coursework for the ACDV 101 requirement to be waived. This 1-credit course is designed to be taken in the first semester at CCBC. ACDV 101 will not transfer to TU.

### **LOWER-LEVEL EQUIVALENT OF UPPER-LEVEL COURSES**

A course number beginning with T indicates that it is a lower-level equivalent of an upper-level TU course. SOCI T43 is equivalent to SOCI 343 but will not count toward the TU degree requirement for 32 upper-level units.

### **Section 3: Degree Requirements to Be Completed at TU**

This section outlines the degree requirements for students transferring into the Allied Health program. Students will choose one of six tracks based on their career goals. Each student's program of study and the courses they choose must be approved by an Allied Health advisor. Refer to section 4 for additional program details and university-wide degree requirements.

#### **CORE CURRICULUM REQUIREMENTS: 18 UNITS**

Core 9 Advanced Writing Seminar – Satisfied by AHLT 440 in the major

Core 10 Metropolitan Perspectives

Core 11 The United States as a Nation – Satisfied by HLTH 207 in the major

Core 12 Global Perspectives

Core 13 Diversity and Difference – Satisfied by NURS 416 in the major

Core 14 Ethical Perspectives – Satisfied by HCMN 441 or PHIL 361 in the major

#### **REQUIRED COURSES FOR ALL ALLIED HEALTH TRACKS: 9 UNITS**

HLTH 207 Health Care in the U.S. (3 units – counted in Core Curriculum requirements)

Select one of the following for 3 units:

- AHLT 310 Management for the Allied Health Professional
- AHLT 311 Human Resource Management for Allied Health Professionals

AHLT 320 Understanding Evidence-Based Practice (3 units)

AHLT 440 Professional Issues in Allied Health (3 units – counted in Core Curriculum requirements)

AHLT 445 Research Methods in Interprofessional Health Studies (3 units)

NURS 416 Cultural Diversity in Health Care (3 units – counted in Core Curriculum requirements)

#### **ALLIED HEALTH TRACK REQUIREMENTS: 15 UNITS**

Ethics Requirement (3 units counted in Core Curriculum requirements) – Requirement varies by track:

- HCMN 441 Legal and Ethical Issues in Health Administration
- PHIL 361 Biomedical Ethics

AHLT 450 Capstone in Allied Health (3 units)

Track Electives (12 units)

#### **GENERAL ELECTIVES: 13-14 UNITS**

Elective units can be satisfied by additional major electives or courses for personal interests. General elective units may also be satisfied by completion of prerequisite courses for track electives if they are required.

## Section 4: Additional Program Information & TU Degree Requirements

### ABOUT THE ALLIED HEALTH MAJOR:

- Students entering the Allied Health major must have their A.A.S. degree conferred to be eligible for the TU degree.
- Students will select one of the following tracks in the Allied Health program:
  - ♦ Administration and Management
  - ♦ Advanced Respiratory Therapy
  - ♦ Education
  - ♦ Family Studies
  - ♦ Health Promotion, Wellness, Prevention & Community Health Education
  - ♦ Science and Professional Preparation
- All tracks require an ethics course and a capstone course; the required ethics course varies by track.
- A list of possible course electives for each track is available in the TU catalog. Other course selections are possible, subject to the approval of the program director.

### BACHELOR'S DEGREE REQUIREMENTS FOR ALL STUDENTS:

- A C (2.0) or higher is required in all major courses and prerequisites.
- A cumulative grade point average (GPA) of 2.0 is required.
- 32 units of the bachelor's degree must be completed at the upper level (courses numbered 300 or above).

### Degree Completion Summary

<b>Total Units Required for B.T.P.S. Degree</b>	<b>120 UNITS</b>
<b>CCBC A.A.S. Degree in Medical Laboratory Technology</b>	<b>64</b>
<b>Completion of Core Curriculum at TU</b>	<b>18-19</b>
<b>Allied Health Major Coursework at TU</b>	<b>24</b>
<b>General Electives Taken at TU</b>	<b>13-14</b>