

2+2 Articulation Agreement for Community College of Baltimore County and Towson University

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

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

Effective Term: Summer 2024

Section 1: Course Completion Plan for Community College of Baltimore County

This section outlines the courses to satisfy Community College of Baltimore County (CCBC) general education and program requirements in order to complete both CCBC and Towson University (TU) degrees within a total of four years and earn the minimum required 120 units/credits.¹ The following tables do not include any nontransferable or prerequisite coursework outside of the curriculum.

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

CCBC Requirement	CCBC Course to Take	Credits	TU Equivalent Course
English Composition	ENGL 101 College Composition I (E)	3	ENGL 102 Writing for a Liberal Education
Mathematics	MATH 135 Applied Algebra and Trigonometry (M)	3	MATH 115 College Algebra
Arts & Humanities	CMNS 101 Fundamentals of Communication (A)	3	COMM 131 Public Speaking
Social & Behavioral Sciences	SOCL 141 The Sociology of Race, Ethnicity, and Culture (S, D)	3	SOCI T43 Sociology of Race and Ethnicity
Biological & Physical Sciences	BIOL 110 Biology I: Molecules and Cells (B)	4	BIOL 200 Biology I: Introduction to Cellular Biology and Genetics Lecture BIOL 200L Biology I: Introduction to Cellular Biology and Genetics Lab
Biological & Physical Sciences	CHEM 107 Fundamentals of Chemistry (B) CHEM 108 Fundamentals of Chemistry Laboratory (B)	4	CHEM 121 Allied Health Chemistry I Lecture CHEM 121 Allied Health Chemistry I Lab
Information Technology	CSIT 101 Technology and Information Systems	3	COSC 111 Information and Technology for Business

CCBC general education credits: 23

¹ Note that Community College of Baltimore County awards academic “credits” for its courses, whereas Towson University uses the term “unit” in reference to the credit hour weighting assigned to its undergraduate courses. For the purposes of this articulation agreement, the terms “credits” and “unit” are interchangeable.

Table 2: CCBC Program Requirements and Electives Applied to TU Degree

CCBC Requirement	CCBC Course to Take	Credits	TU Equivalent Course
Program Requirement	BIOL 109 Human Anatomy and Physiology	4	BIOL 220 Essentials of Human Anatomy and Physiology
Program Requirement	BIOL 230 Microbiology	4	BIOL 215 Essentials of Microbiology
Program Requirement	MLTC 101 Introductory Medical Laboratory Technology	3	General Lower-Level Elective
Program Requirement	Choose one of the following: <ul style="list-style-type: none"> ▪ CHEM 131 General Chemistry I ▪ CHEM 146 Introduction to Organic and Biochemistry Lecture CHEM 147 Introduction to Organic and Biochemistry Lab 	4	<ul style="list-style-type: none"> ▪ CHEM 131 General Chemistry I Lecture CHEM 131L General Chemistry I Lab ▪ CHEM TLL Chemistry Lower-Level Elective
Program Requirement	MLTC 131 Myco, Virology and Parasitology	1	General Lower-Level Elective
Program Requirement	MLTC 150 Principles of Blood Banking	3	General Lower-Level Elective
Program Requirement	MLTC 151 Immunological and Molecular Diagnostics	2	General Lower-Level Elective
Program Requirement	MLTC 180 Principles of Hematology & Coagulation	4	General Lower-Level Elective
Program Requirement	MLTC 200 Clinical Chemistry	4	General Lower-Level Elective
Program Requirement	MLTC 202 Urinalysis and Body Fluids	2	General Lower-Level Elective
Program Requirement	MLTC 231 Clinical Microbiology	4	General Lower-Level Elective
Program Requirement	MLTC 250 Trends in Medical Lab Technology	1	General Lower-Level Elective
Program Requirement	MLTC 253 Clinical Internship I - Hematology and Coagulation	2	General Lower-Level Elective
Program Requirement	MLTC 254 Clinical Internship II Immunology and Blood Banking	2	General Lower-Level Elective
Program Requirement	MLTC 255 Clinical Internship III- Chemistry and Urinalysis/Body Fluids	2	General Lower-Level Elective
Program Requirement	MLTC 256 Clinical Internship IV Clinical Microbiology	2	General Lower-Level Elective

- **CCBC program requirements and elective credits applied to the TU degree: 41 credits** (*Students must complete all 44 credits listed in Table 2, but only 41 credits will apply to the TU degree*)
- **Total CCBC credits applied to the TU Core Curriculum to fulfill TU general education requirements: 23 credits** (includes courses taken at CCBC to meet general education requirements [see Table 1] and program requirements [see Table 2] for the A.A.S. degree)
- **Maximum number of CCBC credits transferable to TU: 64**

While CCBC's A.A.S. degree in Medical Laboratory Technology is 67 credits, CCBC students may transfer a maximum of 64 credits toward TU's B.T.P.S. degree in Allied Health. If students do not adhere to the courses outlined above in Tables 1 and 2, they are not guaranteed completion of the bachelor's degree in two years. Refer to section 2 for specific course details and transfer planning information.

Section 2: CCBC Course Selection and 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 the outstanding requirements at TU.

General Education

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

Students entering into this agreement will need to complete six Core Curriculum requirements at TU: Advanced Writing Seminar (Core 9), Metropolitan Perspectives (Core 10), United States as a Nation (Core 11), Global Perspectives (Core 12), Diversity & Difference (Core 13), and Ethical Perspectives (Core 14). Students not completing the courses listed in Tables 1 and 2 above will be required to complete additional Core Curriculum requirements at TU.

Lower-Level Equivalents 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 Sociology of Race and Ethnicity** will satisfy a Core Curriculum requirement 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 B.T.P.S. in Allied Health. Refer to section 4 for additional major requirements, recommendations, and university-wide degree requirements.

Core Curriculum Requirements: 18 Units

Core 9 Advanced Writing Seminar (3 units) (this will be satisfied by AHLT 440 Professional Issues in Allied Health)

Core 10 Metropolitan Perspectives (3 units)

Core 11 United States as a Nation (3 units) (this will be satisfied by HLTH 207 Health Care in the U.S.)

Core 12 Global Perspectives (3 units)

Core 13 Diversity & Difference (3 units) (this will be satisfied by NURS 416 Diversity and Social Justice in Healthcare)

Core 14 Ethical Perspectives (3 units) (this will be satisfied by required track coursework; specific course varies by track)

Allied Health Required Courses: 9 Units

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

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

NURS 416 Diversity and Social Justice in Healthcare (3 units) (this is counted above in the Core Curriculum requirements)

Allied Health Track Requirements: 15 Units

Select one of the following tracks:

- Administration/Management
- Advanced Respiratory Therapy
- Education
- Family Studies
- Health Promotion, Wellness, Prevention & Community Health Education
- Science and Professional Preparation

Ethics Requirement (3 units) (this is counted above in the 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: 14 Units

The total number of elective units required will be determined by the total units completed within the major. Electives can be additional major electives or courses for personal interest.

Section 4: Additional Requirements and Recommendations for TU Degree Completion

Bachelor's Degree Requirements for all Students

- A grade of C (2.0 GPA) or higher is required in all major courses and prerequisites.
- A cumulative 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).
- Certain majors may have additional requirements for graduation. Students should follow the specific requirements outlined in the catalog for the major.

Table 3: Degree Completion Summary

Total Units Required for TU B.T.P.S. in Allied Health	120 Units
CCBC A.A.S. Degree in Medical Laboratory Technology	64
Completion of Core Curriculum at TU	18
Allied Health Major Required Coursework at TU	9
Allied Health Major Track Coursework at TU	15
General Electives Taken at TU	14