

**Cecil College  
And  
UNIVERSITY OF DELAWARE**

**PROGRAM ARTICULATION AGREEMENT**

**Associate Degree  
A.S. Biological Sciences, Biology Concentration**

**Baccalaureate Degree  
B.S. Medical Diagnostics Pre Physician Assistant  
Concentration**

**2019 through 2023**

# **Associate-Baccalaureate Program Articulation Agreement**

**between**

**Cecil College**

**and**

**University of Delaware**

**for**

**A.S. Biological Sciences, Biology Concentration/B.S. Medical  
Diagnostics Pre Physician Assistant Concentration**

## **AGREEMENT**

**WHEREAS** Cecil College (CC) and University of Delaware (UD) are committed to expanding educational opportunities for the citizens of the State of Maryland and beyond, and

**WHEREAS** the two institutions are committed to providing a smooth transition for students wishing to earn an associate degree and a baccalaureate degree, and

**WHEREAS** the intent of the two institutions is to avoid duplication of curricula where appropriate within articulated programs of studies, and

**WHEREAS** the two institutions better serve the educational growth of students and the economic development of the community through cooperative educational planning and optimal utilization of community resources,

**BE IT HEREWITH RESOLVED** that this agreement commits the partners to full support of an articulation process between similar academic programs offered by the two institutions.

## PROVISIONS OF THE AGREEMENT

1. The institutions agree to follow the connected degree curriculums delineated in this document for the transfer of Cecil College's Associate Degree Program in Biological Sciences, Biology Concentration and UD's Bachelor of Science Degree Program in Medical Diagnostics, Pre Physician Assistant concentration.
2. Both institutions will cooperate toward developing, disseminating, and presenting the articulated program information to students.
3. Graduates of the Cecil College Associate Degree Program in Biological Sciences, Biology Concentration who have completed the associate degree with a cumulative grade point average of 3.00 or higher will automatically be accepted into the baccalaureate program in Medical Diagnostics-Pre-PA Concentration at UD. Students will be considered for admission based on the completed work at the time of the review. Cecil College will provide confirmation of degree completion upon students' final semester of coursework. Students who do not complete the degree program as outlined in the agreement may have admission based on the articulation agreement criteria rescinded, however still may be considered for regular transfer admission based on the totality of their academic record. UD reserves the right to recalculate the Cecil College cumulative grade point average to account for Cecil College's grade forgiveness policy when making admission decisions.
4. Students must complete the courses in the specified associate degree program herein with a grade of C or better to receive the credits for transfer. Students are expected to complete all courses outlined in the Cecil College portion of the agreement at Cecil College. Students who have attended a college or university other than Cecil College and transferred credits to Cecil College in pursuit of the associate degree program may not be admissible via the provisions of this articulation agreement. In such cases, students will be considered based on their entire academic history and not guaranteed admission to the bachelor's degree program or the course equivalencies detailed within the provisions of this agreement. Coursework taken at an institution other than Cecil College may not transfer to UD as noted in the agreement. It is expected that students will complete all coursework in the UD portion of the agreement at UD. Students who previously attended UD are not eligible for admission via an articulation agreement and instead should apply for readmission consideration if wishing to re-enroll at UD.
5. Students intending to transfer should complete the UD admissions application following the third semester of their associate degree program. Students should note on their application that they are applying as part of an articulation agreement/connected degree.

6. Students are subject to all the policies and procedures of both institutions.
7. Students are subject to all specific policies pertaining to students admitted to the Medical Diagnostics Bachelor's Degree Program.
8. This articulation agreement is based on the present curricula contained in this document and it is effective for a period of five years from the date of signing by both parties.
9. Both institutions at any time may initiate changes to this articulation agreement. Both institutions reserve the right to modify the programs as deemed necessary and agree to inform the appropriate individuals of said changes. Departments will review agreements and notify the appropriate individuals at each institution of any changes by July 1 of each year the agreement is in effect. The University of Delaware will make a good faith effort to honor this articulation agreement for any Cecil College student who enrolls in the Biological Science, Biology Concentration Associate Degree program during the five year period specified for this agreement, and graduates with the required associate degree within eight (8) years of the signing of this agreement by both parties. A student who meets these conditions must apply to the University of Delaware and be accepted in order to receive the benefits of this agreement.

# CONNECTED DEGREE ANALYSIS

## Matching Worksheet/Suggested Course Sequence/Bachelor's Completion

ASSOCIATE DEGREE PROGRAM		BACHELOR'S DEGREE COURSE MATCH OR POTENTIAL COURSE MATCH		BACHELOR'S DEGREE COMPLETION	
A.S. Biological Sciences, Biology Concentration CECIL COLLEGE				B.S. Medical Diagnostics UNIVERSITY OF DELAWARE	
Course No./Name First Semester (fall)	CR	Course No./Name	CR	Course No./Name Fifth Semester (fall)	CR
EGL 101 Freshman Composition	3	ENGL 166DE: Department Elective NOTE: Students who successfully complete and transfer credit for EGL 101 and earn an associate degree from Cecil College will be granted an exemption for ENGL 110. This exemption will be posted to the student record upon receipt of a final, official transcript. Note: grades of C or better are required to transfer credit to the University of Delaware.	3	MEDT 200 The Language of Medicine	3
BIO 130/BIO 131 Principles of Biology I / Principles of Biology I Lab	3/1	BISC 207 Introductory Biology I	4	MEDT 360 Clinical Immunology & Med Virology	3
CHM 103/CHM 113 General Chemistry I / General Chemistry I Lab	3/1	CHEM 103 General Chemistry	4	MEDT 398 Body Fluid Analysis	1
MAT ELECTIVE (Select from MAT 121 or higher) For transfer to UD, take MAT 121 or MAT 201	4	MAT 121- MATH 115 Pre-Calculus or MAT 201 – MATH 241 Analytic Geometry and Calculus A	4	KAAP 309 Human Anatomy & Physiology I	4
				NTDT 200 Nutrition Concepts	3
	15		15		14
<b>Second Semester (spring)</b>				<b>Sixth Semester (spring)</b>	

<b>EGL 102</b> Composition and Literature	3	ENGL 280 Approaches to Literature for Non-Majors	3	CHEM 214 Elementary Biochemistry	3
<b>MAT ELECTIVE</b> (Select from MAT 121 or higher) For transfer to UD, take MAT 127	4	STAT 200 Basic Statistical Practice STAT 166DE Department elective	3 1	KAAP 310 Human Anatomy & Physiology II	4
<b>BIO 132/BIO 133</b> Principles of Biology II / Principles of Biology II Lab	3/1	BISC 208 Introductory Biology I	4	MEDT 401 Clinical Physiological Chemistry I	3
<b>CHM 104/CHM 114</b> General Chemistry II / General Chemistry II Lab	3/1	CHEM 104 General Chemistry	4	MEDT 404 Hematology I	2
				MEDT 406 Medical Microbiology	3
				MEDT 409 Immunohematology I	2
<b>Sub-Total</b>	<b>15</b>		<b>15</b>		<b>17</b>

ASSOCIATE DEGREE PROGRAM A.S. CECIL COLLEGE		BACHELOR'S DEGREE COURSE MATCH OR POTENTIAL COURSE MATCH		BACHELOR'S DEGREE COMPLETION B.S. UNIVERSITY OF DELAWARE	
Course No./Name Third Semester (fall)	CR	Course No./Name	CR	Course No./Name Seventh Semester (fall)	CR
SPH 121 –OR- SPH 141 Interpersonal Communications –OR- Public Speaking	3	SPH 141 COMM350 Public Speaking OR SPH 121 COMM166DE Transfer Elective	3	MEDT 403 Clinical Physiology Chemistry II	3
SOC SCI ELECTIVE Options: PSY 101, SOC 101, POS 201, For transfer to UD, take PSY 101	3	PSYC 100 General Psychology, SOC1 201 Introduction to Sociology, POSC 150 Introduction to American Politics	3	MEDT 405 Hematology II	2
BIO 200/BIO 210 Microbiology/Microbiology Lab	3/1	BISC 300 Introduction to Microbiology	4	MEDT 420 Immunohematology II	2
CHM 203 Organic Chemistry I with Lab	4	CHEM 321 Organic Chemistry I CHEM 325 Organic Chemistry Laboratory I	3 1	MEDT 430 Diagnostics Bacteriology & Medical Mycology	2
				MEDT 490 Clinical and Molecular Cell Biology	3
				Breadth Elective	3
	14		14		15
<b>Fourth Semester (spring)</b>		<b>Fourth Semester (spring)</b>		<b>Eighth Semester (spring)</b>	
CHM 204 Organic Chemistry II with Lab	4	CHEM 322 Organic Chemistry II CHEM 326 Organic Chemistry Laboratory II	3 1	HLTH 241 Ethical Aspects of Healthcare	3
SOC SCI ELECTIVE Suggest ANT 101	3	ANTH 101 Introduction to Social and Cultural Anthropology	3	MEDT 462 Interdisciplinary Healthcare Perspective	3
ARTS/HUM ELECTIVE For transfer to UD, take one from: PHI 101, 201, ART 101, 130, 140, 160	3	PHIL 102 Introduction to Philosophy, PHIL 202 Contemporary Moral Problems,	3	MEDT 491 Human Molecular Genetics	3

		ART 129 Design for Non-Majors, ART 133 Drawing for Non-Majors, ART 231 Introduction to Painting, ART 290 Introduction to Ceramics			
<b>ARTS/HUM ELECTIVE</b>	3	Free Elective	3	Second Writing Course	3
<b>MATH Elective</b>	4	MATH XXXX – Free elective	4	Free Elective	3
<b>TOTAL</b>	<b>17</b>		<b>17</b>		<b>15</b>



# CONNECTED DEGREE CURRICULUM

## Suggested Course Sequence

ASSOCIATE DEGREE A.S. CECIL COLLEGE				BACHELOR'S DEGREE B.S. UNIVERSITY OF DELAWARE			
Semester 1 (Fall)			CR	Semester 5 (Fall)			CR
EGL	101	Freshman Composition	3	MEDT	200	The Language of Medicine	3
BIO	130/1 31	Principles of Biology I/ Principles of Biology I Lab	4	MEDT	360	Clinical Immunology & Med Virology	3
CHEM	103/1 13	General Chemistry I/ General Chemistry I Lab	4	MEDT	398	Body Fluid Analysis	1
MAT	XXX	MAT Elective	4	KAAP	309	Human Anatomy & Physiology I	4
				NTDT	200	Nutrition Concepts	3
<b>Semester 2 (Spring)</b>			<b>15</b>	<b>Semester 6 (Spring)</b>			<b>14</b>
EGL	102	ENGL 280 Approaches to Literature for Non-Majors	3	CHEM	214	Elementary Biochemistry	3
MAT	XXX	MAT Elective	4	MEDT	401	Clinical Physiological Chemistry I	3
BIO	132/1 33	Principles of Biology II / Principles of Biology II Lab	4	MEDT	404	Hematology I	2
CHM	104/1 14	General Chemistry II / General Chemistry II Lab	4	MEDT	406	Medical Microbiology	3
				MEDT	409	Immunohematology I	2
				KAAP	310	Human Anatomy & Physiology II	4
<b>Semester 3 (Fall)</b>			<b>15</b>	<b>Semester 7 (Fall)</b>			<b>17</b>
SPH	121 or 141	Interpersonal Communications –OR- Public Speaking	3	MEDT	403	Clinical Physiological Chemistry II	3
XXX	XXX	SOC SCI Elective	3	MEDT	405	Hematology II	2
BIO	200/2 10	Microbiology/Microbiology Lab	4	MEDT	420	Immunohematology II	2
CHM	203	Organic Chemistry I with Lab	4	MEDT	430	Diagnostics Bacteriology & Medical Mycology	2
				MEDT	490	Clinical & Molecular Cell Biology	3
				XXXX	XXX	Breadth Elective	3
<b>Semester 4 (Spring)</b>			<b>14</b>	<b>Semester 8 (Spring)</b>			<b>15</b>
CHM	204	Organic Chemistry II with Lab	4	HLTH	241	Ethical Aspects of Healthcare	3
XXX	XXX	SOC SCI Elective	3	MEDT	462	Interdisciplinary Healthcare Perspectives	3
MAT	XXX	MAT Elective	4	MEDT	491	Human Molecular Genetics	3
XXX	XXX	ARTS/HUM Elective	3	XXXX	XXX	Elective	3
XXX	XXX	ARTS/HUM Elective	3	XXXX	XXX	Second Writing Course	3
			<b>17</b>				<b>15</b>
<b>Total Credits</b>			<b>61</b>				<b>61</b>
<ul style="list-style-type: none"> <li>MEDT 100 is waived</li> <li>The Bachelor of Science program in Medical Diagnostics requires a minimum of 120 credits.</li> <li>Course sequencing may vary by semester. See your advisor.</li> <li>UD's Transfer Credit Matrix may be found at this site - <a href="https://udapps.nss.udel.edu/transfercredit/">https://udapps.nss.udel.edu/transfercredit/</a></li> <li>DLE is satisfied by MEDT 462.</li> <li>Capstone requirement is satisfied by MEDT 462.</li> <li>AS in Biological Sciences, Biology Concentration at Cecil College requires 60 credits, 61 credits are required only for transfer to UD.</li> </ul>							
<b>For more information contact:</b>							
<b>Cecil College</b> Christine D. Warwick, M.S. Science & Technology Department Chair, Biology cwarwick@cecil.edu 443-674-1985				<b>University of Delaware</b> Dr. Esther Biswas Fiss Chair, Department of Medical Laboratory Sciences ebiswas@udel.edu 302-831-2912			
The articulation agreement is subject to change based on Cecil College and senior institution curriculum changes							12/2018


**APPROVAL**

This program articulation agreement is between CC's A.S. Biological Sciences Biology Concentration and UD's Bachelor of Science Degree in Medical Diagnostics with the optional Pre Physician Assistant concentration.

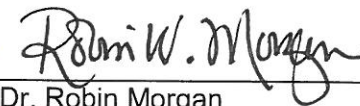
Approval is granted for a period of five years effective on the date both parties have signed this agreement.

**CECIL COLLEGE**

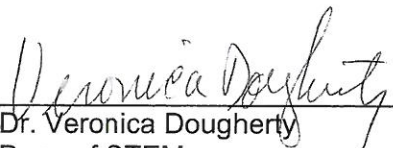
**UNIVERSITY OF DELAWARE**

  
\_\_\_\_\_  
Dr. Christy Dryer  
Vice President of Academic Programs  
(Chief Academic Officer)  
Cecil College


2/13/2019  
Date

  
\_\_\_\_\_  
Dr. Robin Morgan  
Provost  
University of Delaware


3/26/2019  
Date

  
\_\_\_\_\_  
Dr. Veronica Dougherty  
Dean of STEM  
Vice President for Academic Affairs  
Cecil College


2/13/19  
Date

  
\_\_\_\_\_  
Dr. Kathleen Matt  
Dean  
College of Health Sciences

3/20/19  
Date

  
\_\_\_\_\_  
Christine D. Warwick, M.S.  
Science & Technology Department Chair  
Cecil College

2/13/19  
Date

  
\_\_\_\_\_  
Dr. Esther Biswas Fiss  
Chair  
Department of Medical & Molecular Sciences

3/15/19  
Date