



## **Cecil College and University of Delaware**

### **A.S. Biological Sciences, Biomedical Science Concentration to B.S. Medical Laboratory Science**

#### **Admissions**

- Graduates of the Cecil College Associate Degree Program in Biological Sciences Biomedical Science Concentration who have completed the associate degree with a cumulative grade point average of 2.50 or higher will automatically be accepted into the baccalaureate
- 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the degree program as outlined in the agreement may have admission based on the articulation agreement criteria rescinded, however still may be considered for regular transfer admission based on the totality of their academic record.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.
- 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.
- 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.
- 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.
- Students are subject to all the policies and procedures of both institutions.
- Students are subject to all specific policies pertaining to students admitted to the Medical Laboratory Science Bachelor's Degree Program.

### Program Sheet for Coursework at Cecil College

A.S. Biological Sciences, Biomedical Science Concentration	CR	B.S. Medical Laboratory Science	CR
<b>Semester 1</b>			
EGL 101- College Composition	3	ENGL 166DE: Department Elective 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
BIO 130/BIO 131- Principles of Biology I /Principles of Biology I Lab	3/1	BISC 207 Introductory Biology I	4
CHM 103/CHM 113- General Chemistry I / General Chemistry I Lab	3/1	CHEM 103 General Chemistry	4
SOC SCI Social Science Elective (PSY 101, SOC 101, or POS 201).	3	PSYC 100 General Psych, SOCI201 Intro soc, OR POSC 150 Intro American Politics (SBS Breadth)	3
ARTS/HUM Arts & Humanities Elective (Choose one equivalent to UD'S CAH Breadth list)	3	Creative Arts & Humanities Breadth	3
<b>Semester 2</b>			
EGL 102- Composition and Literature	3	ENGL 101 Tools of Textual Analysis (UD CAH Breadth)	3
BIO 132/BIO 133- Principles of Biology II /Principles of Biology II Lab	3/1	BISC 208 Introductory Biology I	4
CHM 104/CHM 114- General Chemistry II / General Chemistry II Lab	3/1	CHEM 103/134 General Chemistry II lecture/lab	3/1
MAT – Elective (MAT 191 or higher; MAT 191 = UD'S MATH 117 Precalc for Scientists & Engineers; 201, 202, & 203 also will satisfy MLS's math requirement)	4	MATH 117 Precalc for Scientists & Engineers; MATH 241, 242, 243, respectively	4
<b>Semester 3</b>			
SPH 121 or SPH 141 Interpersonal Communications or Public Speaking	3	SPH 141 = COMM350 Public Speaking or SPH 121 = COMM166 DE Transfer Elective	3
SOC SCI ELECTIVE Options: PSY 101, SOC 101, POS 201 For transfer to UD, take PSY 101	3	PSYC 100 General Psychology, SOCI 201 Introduction to Sociology, POSC 150 Introduction to American Politics	3
Concentration Requirement (BIO 208/218 Human Anatomy & Physiology I lecture/lab)	3/1	KAAP 209 Human Anatomy & Physiology	4
Concentration Requirement (CHM 203 Organic Chemistry I with Lab)	4	CHEM 321 Organic Chemistry I CHEM 325 Organic Chemistry Laboratory I	3/1
<b>Semester 4</b>			
BIO 209/219 Human Anatomy & Physiology II lecture/lab	3/1	KAAP 310 Human Anatomy & Physiology II	4
CHM 204- Organic Chemistry II with Lab	4	CHEM 322 Organic Chemistry II CHEM 326 Organic Chemistry Laboratory II	
BIO 200 Microbiology BIO 210 Microbiology Lab	3/1	BISC 300 Introduction to Microbiology	4
ARTS/HUM ELECTIVE Choose from HIS 110 or 111 (Equivalent to UD's HCC Breadth Courses)	3	HIST 103 or 104 World History 1400/since 1400 (satisfies HCC breadth and Multicultural Requirement)	3
<b>Total</b>	<b>61</b>		<b>61</b>

## Remaining Coursework at University of Delaware

Semester 5			
Department	Number	Title	Credits
MMSC	200	Language of Medicine	3
MMSC	250	Comm. Edu & Ethics in Healthcare	1
MMSC	415/416	Clinical Immunology & Medical Virology/lab	3/1
MMSC	370	Phlebotomy & Specimen Processing	1
MMSC	375	Stats & Rsrch Methods for Med Lab Scientists	2
MMSC	402/412	Body Fluid Analysts/lab	2/1
MMSC	491	Human Molecular Genetics	3
Semester 6			
MMSC	493	Cellular & Molecular Diagnostic Techniques	2
MMSC	407/417	Clinical Physiological Chemistry I/lab	3/1
MMSC	409/419	Immunohematology I/lab	2/1
MMSC	423/424	Hematology I/lab	2/1
MMSC	428/429	Medical Microbiology & Parasitology/lab	3/2
Semester 7			
MMSC	418	Senior Seminar	0
MMSC	420/421	Immunohematology II/lab	2/1
MMSC	433/434	Hematology II/lab	2/2
MMSC	436	Clinical Physiological Chemistry	3
MMSC	437	Clinical Laboratory Instrumentation	2
MMSC	438/439	Diagnostic Bacteriology & Medical Mycology/lab	3/2
MMSC	461	Laboratory Practice & Leadership I	1
Semester 8			
MMSC	472	Clinical Urinalysis Practicum (Winter)	1
MMSC	471	Laboratory Practice & Leadership II	1
MMSC	473	Clinical Chemistry Practicum	3
MMSC	475	Clinical Hematology Practicum	3
MMSC	477	Clinical Microbiology Practicum	3
MMSC	479	Clinical Immunohematology Practicum	3
MMSC	480	Senior Seminar II	1
XXXX	XXX	Second Writing Course	3
<ul style="list-style-type: none"> <li>The Bachelor of Science Program in Medical Laboratory Science requires a minimum of 122 credits.</li> <li>Course sequencing may vary by semester. See your advisor.</li> <li>MMSC100 is waived from MLS curriculum for students of the articulation agreement.</li> <li>Choose from Cecil Social Science electives: POS201, PSY101, or SOC 101</li> <li>Choose from Cecil Arts &amp; Humanities electives: ART101, ART130, ART140, ART180; EGL102; MUC122; PHI101, PHI201, PHI205</li> </ul>			
For more information please contact the following:			
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