

**THE RICHARD STOCKTON COLLEGE OF NEW JERSEY
and
UNIVERSITY OF DELAWARE**

PROGRAM ARTICULATION AGREEMENT

**Baccalaureate Degree
Biology**

**Baccalaureate Degree
Medical Technology**

January 1, 2010 through June 30, 2015

BACCALAUREATE PROGRAM ARTICULATION AGREEMENT

between

The Richard Stockton College of New Jersey
and
University of Delaware

for

Medical Technology

AGREEMENT

WHEREAS The Richard Stockton College of New Jersey (RSC) and the University of Delaware (UD) are committed to expanding educational opportunities for the citizens of their states, and

WHEREAS the two institutions are committed to providing a smooth transition for students wishing to earn a baccalaureate degree in Medical Technology, 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 parties to full support of an articulation process between the two institutions.

PROVISIONS OF THE AGREEMENT

1. This program articulation agreement applies to The Richard Stockton College of New Jersey's Baccalaureate Degree Program in Biology and the University of Delaware's Baccalaureate Degree Program in Medical Technology.
2. The institutions agree to follow the joint program curriculum and course-by-course articulation delineated in this document.
3. The Richard Stockton College of New Jersey will cooperate toward developing, disseminating, and presenting the articulated program information to prospective and enrolled students.
4. Students in The Richard Stockton College of New Jersey's program who have completed the prerequisite courses with minimum grade of "C", have a cumulative grade point average of at least a 2.8 and a science cumulative grade point average of at least 2.5, in the prerequisite Biology and Chemistry courses, will be accepted into the baccalaureate program at the University of Delaware upon admission to the University of Delaware through its normal application process. The University of Delaware will admit up to 10 students from The Richard Stockton College of New Jersey annually; additional students will be considered on a space available basis.
5. All articulated course credits earned with a C or better will be accepted for transfer according to the course pairing document (see Appendix A).
6. Continuing students at The Richard Stockton College of New Jersey intending to transfer should complete the admission application for the University of Delaware following the fifth semester of their baccalaureate degree program.
7. The Richard Stockton College of New Jersey will accept 31 credits of coursework as specified in the course pairing and curriculum worksheet documents (see Appendix B), with the grade of at least "C" earned at the University of Delaware toward the Bachelor of Science in Medical Technology, to complete the requirements for the Bachelor of Science in Biology awarded by The Richard Stockton College of New Jersey.
8. It is the intent of this program that full-time enrolled students who continuously matriculate at the University of Delaware in concurrent academic semesters will be able to complete the Bachelor of Science in Medical Technology at the University of Delaware within a two year period of time.
9. The Richard Stockton College of New Jersey students not wishing to complete the University of Delaware degree may return to The Richard Stockton College of New Jersey in good standing and credit towards their degree requirements all appropriate credits for courses completed with at least the grade of "C."
10. Students are subject to all specific policies pertaining to students admitted to the Medical Technology Baccalaureate Degree program.
11. This articulation agreement is based on the present curricula contained in this document, and it is effective from January 1, 2010 through June 30, 2015.

12. 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 within 30 days.

TERM OF AGREEMENT

This Agreement shall commence on January 1, 2010, with the intent to matriculate the first students in September 2010, and shall be in effect for the period required for completion of the Bachelor of Science in Biology at The Richard Stockton College of New Jersey and the Bachelor of Science in Medical Technology at the University of Delaware by any student formally admitted. This Agreement may be terminated at any time by the authorities of either The Richard Stockton College of New Jersey or the University of Delaware upon sufficient notice to allow the completion of any given applicant cycle. No further admission shall be made under this Program after such notice is given, but students in residence for the pre-professional phase of the Program at the time of such notice will be allowed to complete the Program both at The Richard Stockton College of New Jersey and the University of Delaware.

LIABILITY & INSURANCE

The parties agree that each party shall have responsibility for its own actions and those of its directors, officers, and employees, students and agents, and nothing contained herein shall be considered a hold harmless agreement on the part of either party.

The University of Delaware shall maintain for the duration of this Agreement comprehensive general liability insurance with a combined single limit of at least \$5 million per occurrence underwritten by an insurer authorized to do business in the State of Delaware with an AM Best rating of at least A-. It is acknowledged that The Richard Stockton College of New Jersey does not carry separate public liability insurance but manages risks through the State of New Jersey's Program and is accorded certain statutory immunities under the terms and provisions of the New Jersey Tort Claims Act. (NJSA 59:1-1 et seq., New Jersey Contractual Liability Act NJSA 59:13-1 et seq. and the New Jersey Charitable Immunity Act, NJSA 2A:53A-7 et seq.)

Upon request each party shall furnish the other a current certificate of insurance or evidence of its participation in a satisfactory self-insured program that satisfies this insurance requirement. The maintenance of this insurance shall not limit the liability of either party.

GENERAL PROVISIONS

There shall be no discrimination against any employee engaged in the work required to produce the services and programs covered by this Agreement, or against any applicant for such employment because of age, race, creed, color, national origin, sex, ancestry, marital status, disability or handicap. This provision shall include, but not be limited to the following: employment, upgrading, demotion, transfer, recruitment or recruitment advertising; layoff or termination, rates of pay or other forms of compensation; and selection for training, including apprenticeship. The Richard Stockton College of New Jersey and the University of Delaware shall insert a similar provision in all subcontracts.

The parties of this Agreement do hereby agree that the provision of N.J.S.A. 10:2-1 through 10:2-4, dealing with discrimination in employment on public agreements, and the rules and regulations promulgated pursuant thereto, as the same may be amended or modified.

Under this Agreement, both the University of Delaware and The Richard Stockton College of New Jersey shall continue to be autonomous and shall be governed independently by their respective governing bodies and administrations except insofar as this Agreement specifically states to the contrary.

The scope of this Agreement applies only to those parties and arrangements specified in the agreement. As such, it does not constrain, or limit in any way, the actions and operations of either party except for the terms of the arrangements and agreement made as part of this Articulation Agreement.

Responsibility for maintaining the Articulation Agreement lies with the Dean of the School of Natural and Mathematical Sciences for The Richard Stockton College of New Jersey and the Chairperson of the Medical Technology Department for the University of Delaware.

It is understood and agreed that the parties to this Agreement may revise or modify this Agreement by written amendment when both parties agree to such amendment.

WARRANTIES

The undersigned do hereby warrant and represent that this Agreement has not been solicited or secured, directly and indirectly, in a manner contrary to the laws of the State of New Jersey and that said laws have not been violated and shall not be violated as they relate to the procurement of performance of this Agreement by any conduct, including the paying or giving of any fee, commission, compensation, gift, gratuity, or consideration of any kind, directly and indirectly to any State employee, officer or official.


All notices and reports required or permitted under this Agreement shall be in writing and shall be deemed delivered when delivered in person or deposited in the United States mail, postage prepaid, addressed as follows:

Dean,
School of Natural and Mathematical Sciences
B-108, The Richard Stockton College of New Jersey
PO Box 195, Jim Leeds Road
Pomona, NJ 08240

Chairperson,
Department of Medical Technology
Willard Hall Education Building, Room 305J
University of Delaware
Newark, DE 19716


This program articulation agreement is between The Richard Stockton College of New Jersey's Baccalaureate Degree in Biology and the University of Delaware's Baccalaureate Degree in Medical Technology.

Approval is granted from January 1, 2010 through June 30, 2015 according to the terms of this agreement by:



Herman J. Saatkamp, Jr., President
The Richard Stockton College of New Jersey

3/11/2010
Date



Kathleen S. Matt, Dean
College of Health Sciences
University of Delaware

3/29/2010
Date

12/18/09

APPENDICES

Appendix A - Curriculum Course Pairing Document

Appendix B - Curriculum Worksheet Document

APPENDIX A

CURRICULUM COURSE PAIRING

Bachelor's Degree Program: Medical Technology
 Location: University of Delaware, Newark, DE
 Bachelor's Degree Program: Biology
 Location: The Richard Stockton College of New Jersey, Pomona, NJ

Credits: 124 (Science and General Education = 62 credits to transfer from RSC and Medical Technology Professional = 62 credits taken at UD)
 Credits: 128 (31 credits Medical Technology Professional to transfer to RSC)
 A minimum grade of "C" is required for each course transfer at both institutions.

THE RICHARD STOCKTON COLLEGE OF NEW JERSEY			UNIVERSITY OF DELAWARE		
Course	Credits	Course Title	Course	Credits	Course Title
BIOL 1200	4	Cells & Molecules	BISC 207	4	Introductory Biology I
BIOL 1205	1	Cells & Molecules Laboratory	BISC 208	4	Introductory Biology II
BIOL 1400	4	Biodiversity & Evolution	BISC 300	4	Introduction to Microbiology
BIOL 1405	1	Biodiversity & Evolution Laboratory	BISC 306	3	General Physiology
BIOL 3170	4	Microbiology	CHEM 103	4	General Chemistry
BIOL 2150 & BIOL 2151	4	Principles of Physiology	CHEM 104	4	General Chemistry
CHEM 2110	4	Chemistry I: General Principles	CHEM 214	3	Elementary Biochemistry
CHEM 2115	1	Chemistry I Lab	CHEM 216	1	Elementary Biochemistry Lab
CHEM 2140	4	Chemistry IV: Theory & Application	CHEM 321	4	Organic Chemistry
CHEM 2145	0	Chemistry IV Laboratory	CHEM 322	4	Organic Chemistry
CHEM 3250	4	Biochemistry			
CHEM 3350	4	Biochemistry Lab Methods			
CHEM 2120	4	Chemistry II: Organic Structure			
CHEM 2125	1	Chemistry II Laboratory			
CHEM 2130	4				
CHEM 2135	0				

THE RICHARD STOCKTON COLLEGE OF NEW JERSEY

UNIVERSITY OF DELAWARE

Course	Credits	Course Title
GEN 1120	4	Rhetoric and Composition
MATH 1100	4	Pre-calculus Mathematics
MATH 2215	5	Calculus I
MATH 2216	5	Calculus II
BIOL Elective	4	Credit accepted for BS degree
BIOL Elective	3	Credit accepted for BS degree
BIOL Elective	4	Credit accepted for BS degree
BIOL Elective	2	Credit accepted for BS degree
BIOL Elective	2	Credit accepted for BS degree
BIOL Elective	3	Credit accepted for BS degree
BIOL Elective	1	Credit accepted for BS degree

Course	Credits	Course Title
ENGL 110	3	Critical Reading & Writing
MATH 117	4	Pre-Calculus for Scientists & Engineers
MATH 241	4	Analytic Geometry & Calculus A
MATH 242	4	Analytic Geometry & Calculus B
MEDT 100	1	Introduction to Medical Technology
MEDT 250	1	Communication, Education and Ethics in Healthcare
MEDT 370	1	Phlebotomy Practicum (off-campus)
MEDT 375	2	Clinical Laboratory Principles & Statistics
MEDT 380	4	Clinical Immunology & Medical Virology
MEDT 390	3	Introduction to Genetics & Molecular Diagnostics
MEDT 391	1	Introduction to Molecular Diagnostics Laboratory
MEDT 400	2	Urinalysis & Body Fluids
MEDT 401	3	Clinical Physiological Chemistry I
MEDT 403	4	Clinical Physiological Chemistry II
MEDT 404	2	Hematology I
MEDT 405	2	Hematology II
MEDT 406	3	Medical Microbiology
MEDT 409	1	Immunohematology I
MEDT 411	2	Clinical Physiological Chemistry I Lab

THE RICHARDS FOLKTON COLLEGE OF NEWCASTLE			UNIVERSITY OF DELAWARE		
Course	Credits	Course Title	Course	Credits	Course Title
LITT 1112	4	Introduction to Poetry	ENGL 207	3	Introduction to Poetry
LITT 1111	4	Introduction to Drama	ENGL 208	3	Introduction to Drama (cross-listed with CMLT 218 & WOMS 208)
LITT 1110	4	Introduction to Fiction	ENGL 209	3	Introduction to the Novel (cross-listed with CMLT 219 & WOMS 209)
PHIL 1101	4	Introduction to Philosophy	PHIL 102	3	Introduction to Philosophy
PHIL 2211	4	Social & Political Philosophy	PHIL 201	3	Social & Political Philosophy
HIST 2331	4	African-American History since 1865	BAMS 306	3	History of Black America Since the Civil War (cross-listed with HIST 326)
LITT 2102	4	British Literature I	ENGL 205	3	British Literature to 1660
LITT 2103	4	British Literature II	ENGL 206	3	British Literature 1660 to Present
LITT 2104	4	American Literature I	ENGL 340	3	American Literature to the Civil War
LITT 2105	4	American Literature II	ENGL 341	3	American Literature: Civil War to World War II
HIST 1160	4	Latin American History Political Development	HIST 135	3	Introduction to Latin American History
HIST 1152	4	Introduction to U.S. History to 1865	HIST 205	3	United States History
HIST 1153	4	Introduction to U.S. History since 1865	HIST 206	3	United States History
or HIST 2162	4	U.S. History 1865 to 1920	PHIL 301	3	Ancient Philosophy
PHIL 2109	4	Ancient Greek Philosophy	PHIL 310	3	Chinese Religion and Philosophy
PHIL 2121	4	Chinese Philosophical Classics			
			GROUP A BREADTH REQUIREMENTS*		
			GROUP B BREADTH REQUIREMENTS*		

THE RICHARD STOCKTON COLLEGE OF NEW JERSEY

UNIVERSITY OF DELAWARE

Course	Credits	Course Title	Course	Credits	Course Title
CRIM 1100	4	Introduction to the Criminal Justice System	CRJU 110	3	Introduction to Criminal Justice
CRIM 2121	4	Police Behavior & Organization	CRJU 201	3	Problems of Law Enforcement
CRIM 2100	4	American Court System	CRJU 202	3	Problems of Criminal Judiciary
CRIM 2130	4	Introduction to Corrections	CRJU 203	3	Problems of Corrections
ECON 1150	4	Current Economic Issues	ECON 100	3	Economic Issues and Policies
POLS 2160	4	Introduction to Comparative Politics	POSC 270	3	Comparative Politics
SOCY 1100	4	Introduction to Sociology	SOCI 201	3	Introduction in Sociology
HIST 2331	4	African-American History since 1865	BAMS 306	3	History of Black America since the Civil War (cross-listed with HIST 326)
HIST 1160	4	Latin-American History Political Development	HIST 135	3	Introduction to Latin American History
PHIL 2121	4	Chinese Philosophical Classics	PHIL 310	3	Chinese Religion and Philosophy
PHYS 2110	4	Physics: Not required for Medical Technology Degree; medical schools require 8 credits		3	SECOND WRITING REQUIREMENT*
PHYS 2115	1	Physics for Life Sciences I		8	PHYSICS FOR PRE-MED STUDENTS
PHYS 2120	4	Physics for Life Sciences I Laboratory	PHYS 201	4	Introductory Physics I (duplicate credit with PHYS 104, 207 & SCEN 101)
PHYS 2125	1	Physics for Life Sciences II	PHYS 202	4	Introductory Physics II (duplicate credit with PHYS 208 and SCEN 102)
PHYS 2220	4	Physics I	PHYS 207	4	Fundamentals of Physics I (duplicate credit with PHYS 104, 201 and SCEN 101)
PHYS 2225	1	Physics I Laboratory	PHYS 208	4	Fundamentals of Physics II (duplicate credit with PHYS 202 and SCEN 102)
PHYS 2230	4	Physics II			
PHYS 2235	1	Physics II Laboratory			

*UD's group A, B, and C breadth, multi-cultural, and second writing requirements are noted as possible courses for transfer equivalencies, but it is understood that both institutions offer additional courses that may meet requirements. In such cases, transfer credits will be evaluated on an individual basis, and the matrix will be expanded as appropriate.

APPENDIX B
THE RICHARD STOCKTON COLLEGE OF NEW JERSEY
BIOLOGY - B.S.
MEDICAL TECHNOLOGY CONCENTRATION
Curriculum Worksheet

All RSC Bachelor of Science programs require 128 credits and a 2.00 cumulative average.

A cumulative GPA of 2.8 is required for transfer to the University of Delaware. Only grades of "C" or higher are eligible for transfer.

BIOLOGY CORE AND COGNATE REQUIREMENTS (80 credits)

Common Core Courses: (15 credits) A minimum GPA of 2.0 is required in Program/Cognate Courses.

BIOL 1400/1405 Biodiversity & Evolution with Lab* #	(5)		BIOL 3600 Prep. For Research	(1)	
BIOL 1200/1205 Cells & Molecules with Lab* #	(5)		(recommended in Spring of Jr. year)		
BIOL 2110/2115 Genetics with Lab* (prerequisite MATH 1100)	(4)		BIOL 4600 Seminar	(0)	

* A grade of "C" or higher is required to move to the next course in the sequence. # Required prerequisite science course for UD with cumulative GPA of 2.5 required for UD prerequisite science courses

General Integrative Concentration: (34 (RSC) + 31 (UD) = 65 credits) (a minimum of 12 BIOL credits in 3000/4000 level classroom courses is required)

"Plants" Course (4 credits) (One of BIOL 2020, 2120, 2126, 3180, 3185, 3365, 3417, 3467, ENVL 3416, BIOL/ENVL 3414, 4316, MARS 3335, 3336, MARS/BIOL 3416, BIOL/ENVL 3419).

BIOL 2150/2151 Principles of Physiology #	(4)		<i>Choose Four of the following Five Chemistry Courses #</i>		
BIOL 3170 Microbiology #	(4)		CHEM 2110/2115 General Chemistry I with Lab	(5)	
			CHEM 2140/2145 CHEM IV General Inorganic Chemistry	(4)	
MEDT 380 Clinical Immunology and Medical Virology	(4)		CHEM 2120/2125 CHEM II Organic Structure with Lab	(5)	
MEDT 390 Intro to Genetics and Molec Diagnostics	(3)		CHEM 2130/2135 CHEM III Organic Reactions	(4)	
MEDT 404/414 Hematology I	(3)		BIOL/CHEM 3250 Biochemistry	(4)	
MEDT 406/416 Medical Microbiology	(5)				
MEDT 409/419 Immunohematology I	(2)		MATH 1100 or MATH 2215 (by end of Soph. year)	(4-5)	
MEDT 405/415 Hematology II	(4)				
MEDT 420/421 Immunohematology II	(2)		MEDT 403/413 Clinical Physiological Chemistry II	(6)	
MEDT 430/431 Diag Bacteriology and Medical Mycology (4)					
Accepting transfer of 31 credits of science from courses listed from UD to complete RSC degree			# Required prerequisite science course for UD with cumulative GPA of 2.5 required for UD prerequisite science courses		

GENERAL STUDIES REQUIREMENTS (48 credits)

General Studies Courses: (32 credits) No more than 12 credits in any one General Studies category may be applied towards the BS degree.

GEN 1120 Rhetoric and Composition		GNM	
GIS (Choose one course in your junior year)		GNM	
GAH		GSS	
GAH		GSS	

At Some Distance Electives: (16 credits) These are courses unrelated to your major. You may use additional General studies courses to meet the ASD requirement, but no more than 12 credits in any "G" acronym may count towards the degree. Courses in BCMB, BIOL, CHEM, ENVL, GEOL, MARS, MATH, and PHYS may not be used in this area. If you have transferred in any 3 credit "G" courses, the number of At Some Distance credits may increase to meet the total requirement of 48 credits in this area.

GEN 2121 Argument and Persuasion			

GENERAL EDUCATION OUTCOME REQUIREMENTS: You must have one course in each of the following:

(A) Arts Course	(V) Values/Ethics Course
(H) Historical Consciousness Course	(I) International/Multicultural Course

Curriculum Worksheet (continued)

GENERAL STUDIES WRITING REQUIREMENT: (4 courses) A minimum grade of "C" is required for these courses. A maximum of two W1 courses may be transferred to RSC.

W1 course GEN 1120 Rhetoric and Composition	W1 or W2 course
W1 course GEN 2121 Argument and Persuasion	3000-4999 level W1 or W2 course
QUANTITATIVE REASONING REQUIREMENT: (3 courses) A maximum of two Q1 courses may be transferred to RSC.	
Q1 course (by the end of your freshman year)	Q1 or Q2 course
Q2 course	

12/18/09

**The Richard Stockton College of New Jersey (RSC) and
The University of Delaware (UD)
DUAL DEGREE PROGRAM in Biology and Medical Technology**

STUDENT CONTRACT

I have read and fully understand the requirements for the Dual Degree Program in Biology/Medical Technology, and those that must be maintained in order to remain in the program. These include, but are not limited to the following:

- To be eligible for this program, the applicant must be a student in good standing at RSC.
- A review of all course work by representatives from RSC and UD, will be part of the acceptance process for each of the institutions.
- Students must maintain a minimum 2.8 GPA overall and 2.5 science GPA in prerequisite Biology and Chemistry courses at RSC and must have a minimum grade of "C" in each of the courses required for transfer to UD. Grades of "C-" are not acceptable for transfer.
- The prerequisite Biology and Chemistry courses for transfer to UD include, BIOL 1200/1205, BIOL 1400/1405, BIOL 3170, BIOL 2150/2151, CHEM 2110/2115, CHEM 2140/2145, CHEM 2120/2125, and CHEM 2130/2135 (or CHEM 3250 may be substituted for CHEM 2130/2135 for UD transfer).
- The academic record of each student will be reviewed at the end of each semester while enrolled at RSC. Students who fail to maintain the required minimum overall 2.8 GPA and/or science GPA of no less than 2.5, or who earn a "C-" or less in a required prerequisite course may repeat courses to meet program requirements. This may result in the student having to take summer courses if available to complete program requirements in the necessary timeframe. Students who fail to meet the requirements for transfer to UD will be allowed, if appropriate grades are maintained, to continue at RSC.
- Each student is strongly encouraged to meet their preceptor regularly to assist in course selection. A preliminary "grad audit" will be conducted in the fifth semester at RSC.
- Students intending to transfer should complete the admission application for UD following the fifth semester at RSC.
- Students who have completed the prerequisite courses, including RSC's general education requirements, with a cumulative GPA of 2.8 or higher and 2.5 or higher science GPA in prerequisite Biology and Chemistry courses will be accepted into the baccalaureate program at the University of Delaware upon admission to the University of Delaware through its normal application process. The University of Delaware will admit up to 10 students annually from RSC; additional students will be considered on a space available basis.
- Students must successfully complete all required coursework at RSC and UD in order to earn both degrees. Students are subject to all the policies and procedures and graduation requirements of both institutions.
- Students must apply for graduation at RSC at the beginning of the third semester at UD to participate in Fall Commencement or at the beginning of the fourth semester at UD to participate in Spring Commencement at RSC. It will be the student's responsibility to have UD send an official transcript to RSC so that appropriate courses will be credited towards the B.S. in Biology at RSC.

(Signature of Student)

(Date)

(Print Name)