

KINGSBOROUGH COMMUNITY COLLEGE  
The City University of New York

CURRICULUM TRANSMITTAL COVER PAGE

Department: \_\_\_\_\_ Date: \_\_\_\_\_

Title Of Course/Degree/Concentration/Certificate: \_\_\_\_\_

Change(s) Initiated: (Please check)

- |   |  |
|---|--|
| <input type="checkbox"/> Closing of Degree            | <input type="checkbox"/> Change in Degree or Certificate                               |
| <input type="checkbox"/> Closing of Certificate       | <input type="checkbox"/> Change in Degree: Adding Concentration                        |
| <input type="checkbox"/> New Certificate Proposal     | <input type="checkbox"/> Change in Degree: Deleting Concentration                      |
| <input type="checkbox"/> New Degree Proposal          | <input type="checkbox"/> Change in Prerequisite, Corequisite, and/or Pre-/Co-requisite |
| <input type="checkbox"/> New Course                   | <input type="checkbox"/> Change in Course Designation                                  |
| <input type="checkbox"/> New 82 Course (Pilot Course) | <input type="checkbox"/> Change in Course Description                                  |
| <input type="checkbox"/> Deletion of Course(s)        | <input type="checkbox"/> Change in Course Title, Number, Credits and/or Hours          |
|   | <input type="checkbox"/> Change in Academic Policy                                     |
|   | <input type="checkbox"/> Pathways Submission:  |
|   | <input type="checkbox"/> Life and Physical Science                                     |
|   | <input type="checkbox"/> Math and Quantitative Reasoning                               |
|   | <input type="checkbox"/> A. World Cultures and Global Issues                           |
|   | <input type="checkbox"/> B. U.S. Experience in its Diversity                           |
|   | <input type="checkbox"/> C. Creative Expression  |
|   | <input type="checkbox"/> D. Individual and Society                                     |
|   | <input type="checkbox"/> E. Scientific World   |
- Change in Program Learning Outcomes
- Other (please describe): \_\_\_\_\_

PLEASE ATTACH MATERIAL TO ILLUSTRATE AND EXPLAIN ALL CHANGES

DEPARTMENTAL ACTION

Action by Department and/or Departmental Committee, if required:

Date Approved: \_\_\_\_\_ Signature, Committee Chairperson: mary e dawson

If submitted Curriculum Action affects another Department, signature of the affected Department(s) is required:

Date Approved: \_\_\_\_\_ Signature, Department Chairperson: \_\_\_\_\_

Date Approved: \_\_\_\_\_ Signature, Department Chairperson: \_\_\_\_\_

Date Approved: \_\_\_\_\_ Signature, Department Chairperson: \_\_\_\_\_

Date Approved: \_\_\_\_\_ Signature, Department Chairperson: \_\_\_\_\_

Date Approved: \_\_\_\_\_ Signature, Department Chairperson: \_\_\_\_\_

I have reviewed the attached material/proposal  
Signature, Department Chairperson: mary e dawson

TO: Special Meeting of the Curriculum Committee Meeting  
FROM: Dr. Mary Dawson, Chair, Department of Biological Sciences  
DATE: 2/17/22  
RE: Degree Change for the A.S. Biotechnology

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The Department of Biological Sciences is proposing a degree change for the A.S. Biotechnology

**Change:**

1. Under Required Core, Mathematics and Quantitative Reasoning, the **addition** of MAT 9010 – Introduction to Mathematics with College Algebra

**Rationale for Change:**

CUNY had mandated the elimination of stand-alone developmental courses effective Fall 2022. MAT 9010 replaces the developmental pathway of MAT M100 to MAT M200 to MAT R300 that lead to MAT 900. The update to the degree requirements reflects this pathway.

<b>Add/Delete/Change</b>	<b>A.S. BIOTECHNOLOGY</b>	
	HEGIS: 5407.00	
	PROGRAM CODE: 33155	
	<b>CUNY CORE</b>	<b>CREDITS</b>
	<b>REQUIRED CORE:</b> (4 Courses, 13 Credits)	<b>13</b>
	When Required Core Courses are specified for a category, they are required for the major	
	ENG 1200 - Composition I	3
	ENG 2400 - Composition II	3
	Mathematical & Quantitative Reasoning*:	3
<b>ADD</b>	<b>MAT 9010 - Introduction to Mathematics with College Algebra or</b>	
	MAT 9B0 - College Algebra for STEM Majors or	
	MAT 900 - College Algebra	
	Life and Physical Sciences*:	4
	BIO 1300 – General Biology I	
	<b>FLEXIBLE CORE:</b> (6 Courses, 20 Credits)	<b>20</b>
	When Flexible Core Courses are specified for a category, they are required for the major. One course from each Group A to D (Group E is satisfied by the courses shown). No more than two courses can be selected from the same discipline.	
	A. World Cultures and Global Issues	
	B. U.S. Experience In Its Diversity	
	C. Creative Expression	
	D. Individual & Society	
	E. Scientific World*:	
	BIO/MAT 9100 - Biostatistics	
	BIO 1400 - General Biology II	
	<b>DEPARTMENT REQUIREMENTS</b> (6 Courses, 23 Credits)	<b>23</b>
	BIO 5000 - General Microbiology <b>or</b>	4
	BIO 5900 - Genetics	
	BIO 5800 - Recombinant DNA Technology <b>or</b>	4
	BIO 5700 - Biotechnology: Cell Culture and Cloning	
	BIO 6500 - Molecular and Cellular Biology	4
	CHM 1100 - General Chemistry I	4
	CHM 1200 - General Chemistry II	4
	BIO/CIS 6000 - Computer Applications in Bioinformatics	3
	<b>ELECTIVES:</b>	
	4 credits sufficient to meet the required total 60 credits for the degree.	<b>4</b>
	<b>TOTAL CREDITS: 60</b>	<b>60</b>
	*This program has a waiver to require particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.	

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