# KINGSBOROUGH COMMUNITY COLLEGE The City University of New York

# CURRICULUM TRANSMITTAL COVER PAGE

Department:	Date:
Fitle Of Course/Degree/Concentration/Cer	tificate:
Change(s) Initiated: (Please check)	
☐ Closing of Degree ☐ Closing of Certificate ☐ New Certificate Proposal ☐ New Degree Proposal ☐ New Course ☐ New 82 Course (Pilot Course) ☐ Deletion of Course(s) ☐ Change in Program Learning Course (Places describe);	□ Change in Degree or Certificate   □ Change in Degree: Adding Concentration   □ Change in Degree: Deleting Concentration   □ Change in Prerequisite, Corequisite, and/or Pre-/Co-requisite   □ Change in Course Designation   □ Change in Course Description   □ Change in Course Title, Number, Credits and/or Hours   □ Change in Academic Policy   □ Pathways Submission:   □ Life and Physical Science   □ Math and Quantitative Reasoning   □ A. World Cultures and Global Issues   □ B. U.S. Experience in its Diversity   □ C. Creative Expression   □ D. Individual and Society   □ E. Scientific World
	USTRATE AND EXPLAIN ALL CHANGES
DEPARTMENTAL ACTION	STRITE IN B EM EMINITED CHINAGES
Action by Department and/or Depa	rtmental Committee, if required:
Date Approved:Sig	nature, Committee Chairperson:
	Tects another Department, signature of the affected Department(s) is
Date Approved:Sign	nature, Department Chairperson:
I have reviewed the attached mater Signature, Department Chairperso	ial/proposal n:



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. Biology

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

#### 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.

# **CURRENT**

Add/Delete/Change	A.S. BIOLOGY	
<u> </u>	HEGIS: 5604.00	
	PROGRAM CODE: 01039	
	CUNY CORE	CREDITS
	<u> </u>	GILLETTO
	REQUIRED CORE: (4 Courses, 13 Credits)	13
	When Required Core Courses are specified for a category, they are required for the	
	major	
	ENG 1200 - English Composition I	3
	ENG 2400 - English Composition II	3
	Mathematical & Quantitative Reasoning*:	3
ADD	MAT 9010 - Introduction to Mathematics with College Algebra or	
	MAT 9B0 - College Algebra for STEM Majors or	
	MAT 900 - College Algebra	
	Life and Physical Sciences*:	4
	BIO 1300 – General Biology I	
	210 1000 Contrait Biology 1	
	FLEXIBLE CORE: (6 Courses, 19 Credits)	19
	· · · · · · · · · · · · · · · · · · ·	13
	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 1400 – General Biology II (4 crs.)	
	MAT 1400 - Analytic Geometry and Pre-Calculus Math (3 crs.)	
	The state of the s	
	DEPARTMENT REQUIREMENTS (3 Courses, 11 to 12 Credits)	11 to 12
	,	
	CHM 1100 – General Chemistry I	4
	CHM 1200 - General Chemistry II	4
	CP 1100 - Introduction to Computers and Computer Applications (4 crs) or	4 - 3
	BIO/CIS 6000 – Computer Applications in Bioinformatics (3 crs.)	
	CONCENTRATIONS: (2 Courses, 8 Credits)	8
	Select <b>one (1)</b> of the following concentrations:	
	Biology Transfer: (2 Courses, 8 Credits)	8
	Select two (2) of the following Biology Laboratory courses:	
	BIO 2100 - Comparative Anatomy (4 crs.) or	
	BIO 2200 - Developmental Biology (4 crs.) or	
	BIO 5000 - General Microbiology (4 crs.) or	
	BIO 5200 - Marine Biology (4 crs.) or	
	BIO 5300 - Ecology (4 crs.) or	
	BIO 5800 - Recombination DNA Technology (4 crs.) or	
	BIO 5900 – Genetics (4 crs.) or	
	BIO 6500 - Molecular and Cellular Biology (4 crs.)	
	DIO 0000 - IVIOIECUIAI AITU OEIIUIAI DIOIOYY (4 015.)	
	OD	
	<u>OR</u>	

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Allied Health Transfer (2 Courses & Credite):	8
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BIO 1200 - Human Anatomy and Physiology II (4 crs.)	
1200 * Hullian Anatonly and Physiology II (4 dis.)	
ELECTIVES: 8 - 9 credits sufficient to meet the required total 60 credits for the degree.	8 - 9
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BIO/MAT 9100 – Biostatistics (4 crs.)	
Transfer to a Dhysisian Assistant Drawers Compacted Fleeting	
Transfer to a Physician Assistant Program, Suggested Elective:	
BIO 5100 – Microbiology in Health and Disease (4 crs.)	
TOTAL OPERATOR OF	00
TOTAL CREDITS: 60	60
*TI:	
*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.	

### **PROPOSED**

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	B. U.S. Experience In Its Diversity	
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	E. Scientific World*:	
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	MAT 1400 - Analytic Geometry and Pre-Calculus Math (3 crs.)	
	DEPARTMENT REQUIREMENTS (3 Courses, 11 to 12 Credits)	11 to 12
	CHM 1100 – General Chemistry I	1
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	CHM 1200 - General Chemistry II	7
	CP 1100 - Introduction to Computers and Computer Applications (4 crs) or	4 - 3
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