

KINGSBOROUGH COMMUNITY COLLEGE
The City University of New York

CURRICULUM TRANSMITTAL COVER PAGE

Department: Biological Sciences Date: March 1, 2018

Title Of Course Or Degree: AS Biology

Change(s) Initiated: (Please check)

- | | |
|---|--|
| <input type="checkbox"/> Closing of Degree | <input checked="" type="checkbox"/> Change in Degree or Certificate Requirements |
| <input type="checkbox"/> Closing of Certificate | <input type="checkbox"/> Change in Degree Requirements (adding concentration) |
| <input type="checkbox"/> New Certificate Proposal | <input type="checkbox"/> Change in Pre/Co-Requisite |
| <input type="checkbox"/> New Degree Proposal | <input type="checkbox"/> Change in Course Designation |
| <input type="checkbox"/> New Course | <input type="checkbox"/> Change in Course Description |
| <input type="checkbox"/> New 82 Course | <input type="checkbox"/> Change in Course Title, Numbers Credit and/or Hour |
| <input type="checkbox"/> Deletion of Course | <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 |

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: 3/1/18 Signature, Committee Chairperson: 

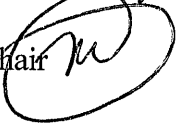
I have reviewed the attached material/proposal

Signature, Department Chairperson: 



Department of Biological Sciences

To: Curriculum Committee, Kingsborough Community College

From: Mary E. Dawson, PhD, Professor and Chair 

Date: February 28, 2018

Re: Change in Degree Requirements, AS Biology

Statement of the Problem

The AS Biology degree, as currently listed in the college catalog, indicates Mat 1400 as a degree requirement under Required Core. Mat 1400 has a pre-requisite of Mat 900, and therefore, Mat 900 is a hidden pre-requisite. This puts the degree out of compliance with the CUNY policy on hidden pre-requisites.

Changes in Degree Requirements

The degree requirements for the AS Biology degree will be amended to **indicate both Mat 900 and Mat 1400 as degree requirements** under Required Core. This change will reduce the number of **elective credits in the degree from 10-11 to 7-8.**

Add/Delete/Change	A.S. BIOLOGY	
	HEGIS: 5604.00	
	PROGRAM CODE: 0103	
	<u>CUNY CORE</u>	CREDITS
CHANGE	<u>REQUIRED CORE:</u> (4 Courses, 14 13 Credits)	14 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
CHANGE	Mathematical & Quantitative Reasoning*: MAT 1400 – Analytic Geometry and Pre-Calculus Math- MAT 900 - College Algebra	4 3
	Life and Physical Sciences*: BIO 1300 – General Biology I	4
	<u>FLEXIBLE CORE:</u> (6 Courses, 20 Credits)	20
	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	
CHANGE	CHM 1100 – General Chemistry- MAT 1400 - Analytic Geometry and Pre-Calculus Math	
	<u>DEPARTMENT REQUIREMENTS</u> (2 3 Courses, 7 11 to 8 12 Credits)	
ADD	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.)	
	<u>CONCENTRATIONS:</u> (2 Courses, 8 Credits)	8
	Select one (1) of the following concentrations:	
	<u>Biology Transfer:</u> (2 Courses, 8 Credits)	
	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	

Add/Delete/Change	A.S. BIOLOGY	
	HEGIS: 5604.00	
	PROGRAM CODE: 0103	
	CUNY CORE	CREDITS
	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*: MAT 900 - College Algebra	3
	Life and Physical Sciences*: BIO 1300 – General Biology I	4
	FLEXIBLE CORE: (6 Courses, 20 Credits)	20
	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	
	MAT 1400 - Analytic Geometry and Pre-Calculus Math	
	DEPARTMENT REQUIREMENTS (3 Courses, 11 to 12 Credits)	
	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 one (1) of the following concentrations:	
	Biology Transfer: (2 Courses, 8 Credits)	
	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	

