

KINGSBOROUGH COMMUNITY COLLEGE  
The City University of New York

CURRICULUM DATA TRANSMITTAL SHEET

DEPARTMENT Biological Sciences DATE 9/17/14

Title of Course or Degree Change: BIO 6500 Molecular and Cellular Biology

Change(s) Initiated: (Please check)

- |   |   |
|---|---|
| <input type="checkbox"/> Letter of Intent               | <input type="checkbox"/> Proposal   |
| <input type="checkbox"/> Closing of Degree Program      | <input type="checkbox"/> Proposal (Letter of Intent sent previously)          |
| <input type="checkbox"/> New Course*                    | <input type="checkbox"/> Change in Degree Requirements                        |
| <input type="checkbox"/> New 82 Course                  | <input type="checkbox"/> Change in Degree Requirements (adding concentration) |
| <input type="checkbox"/> New Certificate Program        | <input type="checkbox"/> Change in Discipline Code                            |
| <input type="checkbox"/> Change in Pre/Co-Requisite     | <input checked="" type="checkbox"/> Change in Description                     |
| <input type="checkbox"/> Deletion of Course             | <input type="checkbox"/> Change in Course Titles, Numbers, Credits &/or Hours |
| <input type="checkbox"/> Other (please describe): _____ |   |

PLEASE ATTACH PERTINENT MATERIAL TO ILLUSTRATE AND EXPLAIN ALL CHANGES

DEPARTMENTAL ACTION

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

Date approved 9/17/2014 Signature, Committee Chairperson: [Signature]  
Signature, Department Chairperson: [Signature]

II. PROVOST ACTION

Provost to act within 30 days of receipt and forward to College-wide Curriculum Committee exercising one of the following options:

- A. Approved  B. Returned to department with comments

Recommendations (if any): \_\_\_\_\_

Signature, Provost: \_\_\_\_\_ Date: \_\_\_\_\_

III. CURRICULUM SUB-COMMITTEE RECOMMENDATIONS (\*FOR NEW COURSES ONLY):

- A. Approved  B. Tabled  (no action to be taken by Curriculum Committee)

Recommendations (if any): \_\_\_\_\_

Signature, Sub-Committee Chair: \_\_\_\_\_ Date: \_\_\_\_\_

IV. COLLEGE-WIDE CURRICULUM COMMITTEE ACTION

Committee to act within 30 days of receipt, exercising one of the following options:

- A. Approved  (forwarded to Steering Committee)  
B. Tabled  (Department notified)  
C. Not Approved  (Department notified)

Signature, Chairperson of Curriculum Committee \_\_\_\_\_ Date: \_\_\_\_\_

The course description for BIO 6500 should be changed as follows:

**FROM:**

BIO 6500 - Molecular and Cell Biology

(4 crs. 6 hrs. – 3 hrs. lecture, 3 hrs. lab)

The structure and functions of cell components are covered.

Emphasis will be placed on the molecular composition of cells and the molecular mechanisms a cell uses to grow and divide.

Experiments and computer exercises are designed around fundamental questions in eukaryotic cell biology with an emphasis on biochemical and molecular biological techniques.

**Prerequisites:** BIO 1400 and CHM 1100

**TO:**

BIO 6500 - Molecular and Cell Biology

(4 crs. 6 hrs. – 3 hrs. lecture, 3 hrs. lab)

The structure and functions of cell components are covered.

Emphasis will be placed on the molecular composition of cells and the molecular mechanisms a cell uses to grow and divide.

Experiments and computer exercises are designed around fundamental questions in eukaryotic cell biology with an emphasis on biochemical and molecular biological techniques.

**This course satisfies the elective credit requirement for Biology majors.**

**Prerequisites:** BIO 1400 and CHM 1100

Justification:

The justification for this change is to help students registered in A.S. Biology identify all the courses that meet the requirement for elective credit. Currently, the courses that meet this requirement include BIO 2100, 2200, 5000, 5200, 5300, 5800, 5900, 6500.

Some of these are identified as such in the catalog, and others for some reason are not. This is being rectified by simultaneous transmittals.