

KINGSBOROUGH COMMUNITY COLLEGE
The City University of New York

CURRICULUM DATA TRANSMITTAL SHEET

DEPARTMENT Biological Sciences DATE October 6, 2014

Title of Course or Degree: A.S. in 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 Titles, Numbers, Credits &/or Hours |
| <input type="checkbox"/> Deletion of Course | <input type="checkbox"/> Change in Academic Policy |
| <input type="checkbox"/> Other (please describe): _____ | |

PLEASE ATTACH PERTINENT MATERIAL TO ILLUSTRATE AND EXPLAIN ALL CHANGES

I. DEPARTMENTAL ACTION

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

Date approved 10/1/14 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: _____

RECEIVED 8:14pm 3-8-11

III. CURRICULUM SUB-COMMITTEE RECOMMENDATIONS:

- A. Approved B. Tabled (no action will 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: _____

Original with Proposed Changes

A.S. BIOLOGY •
Requirements for Matriculants

Total credits: 60

COLLEGE REQUIREMENTS

- Successful completion of CUNY/Tests in Reading and Writing and the COMPASS Math Skills Test with passing scores or developmental courses may be required.
- One (1) Writing Intensive course in any discipline from any category below is required. Participation in a Learning Community that includes ENG 1200 or 2400 also satisfies this requirement.
- Two (2) Civic Engagement interactions-satisfied by CE-Certified or CE-Component courses or approved outside activity. See the KCC catalog General Education: Civic Engagement section.

CUNY CORE: Courses that satisfy each Group are listed in the *Programs and Course Requirements* section of the catalog.

REQUIRED CORE:

ENG 1200	3 credits
ENG 2400	3
Mathematical & Quantitative Reasoning (MAT 1400)	4
Life and Physical Sciences (BIO 1300 or BIO 1400 or CHM 1100 or CHM 1200)	4

FLEXIBLE CORE:

20 credits

One course selected from each group A – E and an additional course from any Group. No more than two courses in the same discipline. Courses that satisfy each Group are listed in the *Programs and Course Requirements* section of the catalog.

- A. World Cultures & Global Issues
- B. U.S. Experience In Its Diversity
- C. Creative Expression
- D. Individual & Society
- E. Scientific World: MAT 1400 or BIO 1300 or BIO 1400 or CHM 1100 or CHM 1200 (if not taken for Required Core)
Plus another course selected from any Group E list above (if not taken for Required or Flexible Core)

REQUIREMENTS FOR THE MAJOR §

General Biology I and II (BIO 1300-1400)	8 credits
General Chemistry I and II (CHM 1100-1200)	8
+ Analytic Geometry and Pre-Calculus Math (MAT 1400)	4
Introduction to Computer and Computer Applications (CP 1100) or Applications in Bioinformatics (BIO/CIS 6000)	3 - 4

Plus students choose one of the following two options:

BIOLOGY TRANSFER OPTION:

8 credits

Any two biology lab courses

Delete: BIO 2100, BIO 2200, BIO 5000, BIO 5200, BIO 5300, ~~BIO 5400, BIO 5500,~~
BIO 5800, BIO 5900, or BIO 6500

ALLIED HEALTH TRANSFER OPTION:

Human Anatomy and Physiology I and II (BIO 1100 and BIO 1200) 8 credits

Courses must be discussed in advance with Department Advisor. Specific recommendations for group distribution courses or electives are dependent upon the requirements of particular occupational therapy or pharmacy programs to which the student may wish to apply for transfer.

ELECTIVES: 10-11 credits. Sufficient to meet required total of..... 60 credits

Suggested elective for Allied Health Transfer Option:
Biostatistics (BIO/MAT 9100) 4

Suggested elective for transfer to a Physician Assistant program:
Microbiology in Health and Disease (BIO 5100) 4

- These programs are within the Biological Sciences Department.
- § Consultation with the Department Advisor is required.
- + Prerequisites must be satisfied or additional credits may be required.
- * This program has a waiver to required particular courses in the Common Core, otherwise more than the minimum credits for the degree may be necessary.

Proposed Degree

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Rationale for Change in Degree Requirement

Bio 54 (Botany) and Bio 55 (Biology of the Invertebrates) are being deleted from the college catalog. Therefore, these two courses will not satisfy the degree requirement for AS Biology and need to be removed from the list of courses satisfying the degree.