## CUNY Common Core

Course Submission Form
Instructions: All courses submitted for the Common Core must be liberal arts courses. Courses may be submitted for only one area of the Common Core. All courses must be 3 credits/3 hours unless the college is seeking a waiver for a 4 -credit Math or Science course (after having secured approval for sufficient 3-credit/3-hour Math and Science courses). All standard governance procedures for course approval remain in place.

NOTE: Complete page 1 for each course submitted for inclusion in the Common Core, but only complete the learning outcomes for the section of the core that the course will satisfy.

| College | Hunter |
| :---: | :---: |
| Course Number |  |
| Course Title |  |
| Department(s) |  |
| Discipline |  |
| Subject Area | Biology Rlack Stıidies |
| Credits |  |
| Contact Hours |  |
| Pre-requisites |  |
| Catalogue Description |  |
| Syllabus | Syllabus must be included with submission, 5 pages max |
| Waivers for 4-credit courses Such waivers will only | Waivers for 4-credit Math and Science Courses <br> All Common Core courses must be 3 credits and 3 hours. <br> will only be accepted in the required areas of Mathematical and Quantitative Reasoning and Life and Physical Sciences. be approved after a sufficient number of 3-credit/3-hour math and science courses are approved for these areas. |
| If you would like to request a waiver please check here: | $\square$ Waiver requested |
| If waiver requested: Please provide a brief explanation for why the course will be 4 credits. |  |
| If waiver requested: <br> Please indicate whether this course will satisfy a major requirement, and if so, which major requirement(s) the course will fulfill. |  |


| Indicate the status of this course being nominated:$\square$ current course $\square$ revision of current course $\square$ a new course being proposed |  |
| :---: | :---: |
| CUNY COMMON CORE Location <br> Please check below the area of the Common Core for which the course is being submitted. (Select only one.) |  |
| Required English Composition Mathematical and Quantitative Reasoning Life and Physical Sciences | Flexible  <br> $\square$ World Cultures and Global Issues $\square$ Individual and Society <br> $\square$ US Experience in its Diversity $\square$ Scientific World <br> $\square$ Creative Expression  |

## Learning Outcomes

In the left column explain the assignments and course attributes that will address the learning outcomes in the right column.
I. Required Core (12 credits)
A. English Composition: Six credits

A course in this area must meet all the learning outcomes in the right column. A student will:

|  | - Read and listen critically and analytically, including <br> identifying an argument's major assumptions and assertions <br> and evaluating its supporting evidence. |
| :--- | :--- |
|  | - Write clearly and coherently in varied, academic formats <br> (such as formal essays, research papers, and reports) using <br> standard English and appropriate technology to critique and <br> improve one's own and others' texts. |
|  | - Demonstrate research skills using appropriate technology, <br> including gathering, evaluating, and synthesizing primary and <br> secondary sources. |
|  | - Support a thesis with well-reasoned arguments, and <br> communicate persuasively across a variety of contexts, <br> purposes, audiences, and media. |
|  | - Formulate original ideas and relate them to the ideas of <br> others by employing the conventions of ethical attribution and <br> citation. |

## Learning Outcomes

In the left column explain the assignments and course attributes that will address the learning outcomes in the right column.

## I. Required Core (12 credits)

B. Mathematical and Quantitative Reasoning: Three credits

A course in this area must meet all the learning outcomes in the right column. A student will:

|  | - Interpret and draw appropriate inferences from quantitative <br> representations, such as formulas, graphs, or tables. |
| :--- | :--- |
|  | - Use algebraic, numerical, graphical, or statistical methods to <br> draw accurate conclusions and solve mathematical <br> problems. |
|  | - Represent quantitative problems expressed in natural <br> language in a suitable mathematical format. |
|  | - Effectively communicate quantitative analysis or solutions to <br> mathematical problems in written or oral form. |
|  | - Evaluate solutions to problems for reasonableness using a <br> variety of means, including informed estimation. |
|  | - Apply mathematical methods to problems in other fields of <br> study. |

## Learning Outcomes

In the left column explain the assignments and course attributes that will address the learning outcomes in the right column.

## I. Required Core (12 credits)

C. Life and Physical Sciences: Three credits

A course in this area must meet all the learning outcomes in the right column. A student will:

|  | - Identify and apply the fundamental concepts and methods of <br> a life or physical science. |
| :--- | :--- |
|  | - Apply the scientific method to explore natural phenomena, <br> including hypothesis development, observation, <br> experimentation, measurement, data analysis, and data <br> presentation. |
|  | - Use the tools of a scientific discipline to carry out <br> collaborative laboratory investigations. |
|  | - Gather, analyze, and interpret data and present it in an <br> effective written laboratory or fieldwork report. |
|  | - Identify and apply research ethics and unbiased assessment <br> in gathering and reporting scientific data. |

## Learning Outcomes

In the left column explain the assignments and course attributes that will address the learning outcomes in the right column.

## II. Flexible Core (18 credits) <br> Six three-credit liberal arts and sciences courses, with at least one course from each of the following five areas and no more than two courses in any discipline or interdisciplinary field.

A. World Cultures and Global Issues

A Flexible Core course must meet the three learning outcomes in the right column.

|  | - Gather, interpret, and assess information from a variety of <br> sources and points of view. |
| :--- | :--- |
|  | - Evaluate evidence and arguments critically or analytically. |
| A course in this area (II.A) must meet at least three of the additional learning outcomes in the right column. A student will: |  |
| - Produce well-reasoned written or oral arguments using |  |
| evidence to support conclusions. |  |$|$| - Identify and apply the fundamental concepts and methods of |
| :--- | :--- |
| a discipline or interdisciplinary field exploring world cultures |
| or global issues, including, but not limited to, anthropology, |
| communications, cultural studies, economics, ethnic studies, |
| foreign languages (building upon previous language |
| acquisition), geography, history, political science, sociology, |
| and world literature. |

## Learning Outcomes

In the left column explain the assignments and course attributes that will address the learning outcomes in the right column.

## II. Flexible Core (18 credits)

Six three-credit liberal arts and sciences courses, with at least one course from each of the following five areas and no more than two courses in any discipline or interdisciplinary field.
B. U.S. Experience in its Diversity

A Flexible Core course must meet the three learning outcomes in the right column.

|  | - Gather, interpret, and assess information from a variety of <br> sources and points of view. |
| :--- | :--- |
|  | - Evaluate evidence and arguments critically or analytically. |
| A course in this area (II.B) must meet at least three of the additional learning outcomes in the right column. A student will: |  |
| evidence to support conclusions. |  |

## Learning Outcomes

## In the left column explain the assignments and course attributes that will address the learning outcomes in the right column.

II. Flexible Core (18 credits)

Six three-credit liberal arts and sciences courses, with at least one course from each of the following five areas and no more than two courses in any discipline or interdisciplinary field.

## C. Creative Expression

A Flexible Core course must meet the three learning outcomes in the right column.

|  | - Gather, interpret, and assess information from a variety of <br> sources and points of view. |
| :--- | :--- |
|  | - Evaluate evidence and arguments critically or analytically. |
|  | - Produce well-reasoned written or oral arguments using <br> evidence to support conclusions. |

A course in this area (II.C) must meet at least three of the additional learning outcomes in the right column. A student will:

|  | - Identify and apply the fundamental concepts and methods of <br> a discipline or interdisciplinary field exploring creative <br> expression, including, but not limited to, arts, <br> communications, creative writing, media arts, music, and <br> theater. |
| :--- | :--- |
|  | - Analyze how arts from diverse cultures of the past serve as a <br> foundation for those of the present, and describe the <br> significance of works of art in the societies that created them. |
|  | - Articulate how meaning is created in the arts or <br> communications and how experience is interpreted and <br> conveyed. |
|  | - Demonstrate knowledge of the skills involved in the creative <br> process. |
| - Use appropriate technologies to conduct research and to |  |
| communicate. |  |

## Learning Outcomes

## In the left column explain the assignments and course attributes that will address the learning outcomes in the right column.

## II. Flexible Core ( 18 credits)

Six three-credit liberal arts and sciences courses, with at least one course from each of the following five areas and no more than two courses in any discipline or interdisciplinary field.
D. Individual and Society

A Flexible Core course must meet the three learning outcomes in the right column.

|  | - Gather, interpret, and assess information from a variety of <br> sources and points of view. |
| :--- | :--- |
|  | - Evaluate evidence and arguments critically or analytically. |
|  | - Produce well-reasoned written or oral arguments using <br> evidence to support conclusions. |

A course in this area (II.D) must meet at least three of the additional learning outcomes in the right column. A student will:

|  | - Identify and apply the fundamental concepts and methods of <br> a discipline or interdisciplinary field exploring the relationship <br> between the individual and society, including, but not limited <br> to, anthropology, communications, cultural studies, history, <br> journalism, philosophy, political science, psychology, public <br> affairs, religion, and sociology. |
| :--- | :--- |
|  | - Examine how an individual's place in society affects <br> experiences, values, or choices. |
|  | - Articulate and assess ethical views and their underlying <br> premises. |
|  | - Articulate ethical uses of data and other information <br> resources to respond to problems and questions. |
|  | - Identify and engage with local, national, or global trends or <br> ideologies, and analyze their impact on individual or <br> collective decision-making. |

## Learning Outcomes

## In the left column explain the assignments and course attributes that will address the learning outcomes in the right column.

## II. Flexible Core ( 18 credits)

Six three-credit liberal arts and sciences courses, with at least one course from each of the following five areas and no more than two courses in any discipline or interdisciplinary field.

## E. Scientific World

A Flexible Core course must meet the three learning outcomes in the right column.

|  | - Gather, interpret, and assess information from a variety of <br> sources and points of view. |
| :--- | :--- |
|  | - Evaluate evidence and arguments critically or analytically. |
|  | - Produce well-reasoned written or oral arguments using <br> evidence to support conclusions. |

A course in this area (II.E) must meet at least three of the additional learning outcomes in the right column. A student will:

|  | - Identify and apply the fundamental concepts and methods of <br> a discipline or interdisciplinary field exploring the scientific <br> world, including, but not limited to: computer science, history <br> of science, life and physical sciences, linguistics, logic, <br> mathematics, psychology, statistics, and technology-related <br> studies. |
| :--- | :--- |
|  | - Demonstrate how tools of science, mathematics, technology, <br> or formal analysis can be used to analyze problems and <br> develop solutions. |
|  | - Articulate and evaluate the empirical evidence supporting a <br> scientific or formal theory. |
|  | - Articulate and evaluate the impact of technologies and <br> scientific discoveries on the contemporary world, such as <br> issues of personal privacy, security, or ethical <br> responsibilities. |
|  | - Understand the scientific principles underlying matters of <br> policy or public concern in which science plays a role. |

