I. Required Common Core of 12 Credits

A. English Composition: 6 credits
A course in this area must meet all of the following learning outcomes. A student will:

- Demonstrate critical reading, listening, and analytical skills, including identifying an argument’s major assertions and assumptions, and evaluating its supporting evidence.
- Produce coherent, academic texts (such as formal essays, research papers, and reports) using appropriate technology, critique one’s own and others’ texts, and improve them using standard English, grammar, mechanics, and clear prose.
- Demonstrate research skills using appropriate technology, including finding, evaluating, and synthesizing primary and secondary sources.
- Support a thesis with a well-reasoned argument and communicate persuasively across a variety of contexts, purposes, audiences, and media, using appropriate rhetorical modes and technology.
- Formulate original ideas and integrate them with the ideas of others by employing the conventions of ethical attribution and citation.

B. Mathematical and Quantitative Reasoning: 3 credits
A course in this area must meet the following learning outcomes. A student will:

- Interpret and draw appropriate inferences from quantitative representations, such as formulas, graphs, and tables.
- Use algebraic, numerical, graphical, or statistical methods to draw accurate conclusions and solve mathematical problems.
- Represent quantitative problems expressed in natural language in a suitable mathematical format.
- Effectively communicate quantitative analysis or solutions to mathematical problems in written or oral form.
- Evaluate solutions to problems for reasonableness using a variety of means, including informed estimation.
- Identify and apply logically valid arguments.
- Apply mathematics in a real world context.

C. Life and Physical Sciences: 3 credits
A course in this area must meet the following learning outcomes. A student will:
Identify and apply the fundamental concepts and methods of a life or physical science.

Apply the scientific method to explore natural phenomena, including observation, hypothesis development, experimentation, measurement, data collection, evaluation of evidence, quantitative analysis, and presentation of data.

Use the tools of a scientific discipline to carry out collaborative investigations in laboratory settings.¹

Obtain, analyze, and interpret data and present it in an effective written laboratory report.

Apply research ethics and unbiased assessment in the reporting of scientific data.

Retrieve, evaluate, and interpret information from a variety of sources.

II. Flexible Common Core of 18 Credits: six 3-credit liberal arts and sciences courses,² with at least one course from each of the following areas and no more than two courses in any discipline or interdisciplinary field. All Flexible Core courses must meet the following three learning outcomes. A student will:

- Retrieve, evaluate, and interpret information from a variety of sources and points of view.
- Evaluate evidence and arguments critically.
- Produce well-reasoned written or oral arguments using evidence to support conclusions.

A. World Cultures and Global Issues

A course in this area must meet at least three of the following additional learning outcomes. A student will:

- Identify and apply the fundamental concepts and methods of a discipline or interdisciplinary field exploring world cultures, including, but not limited to, anthropology, economics, ethnic studies, foreign languages (building upon previous language acquisition), geography, history, political science, sociology, and world literature.
- Analyze culture, globalization, or global cultural diversity and describe any given event or process from more than one viewpoint.
- Analyze the historical development of one or more non-U.S. society.
- Analyze the significance of one or more major movements that have shaped the world’s societies.
- Identify and discuss the role that race, ethnicity, class, gender, language, or belief plays in world cultures and societies.
- Speak, read, and write a language other than English and use the language to respond to cultures other than one’s own.

¹ “Laboratory settings” may include, for example, traditional wet labs, web-based or other electronic simulations, or the field.

² Liberal arts and sciences courses are defined by the New York State Education Department. See: http://www.highered.nysed.gov/ocue/lrp/liberalarts.htm.
B. U.S. Experience in its Diversity
A course in this area must meet at least three of the following additional learning outcomes. A student will:

- Identify and apply the fundamental concepts and methods of a discipline or interdisciplinary field exploring the U.S. experience in its diversity, including, but not limited to, anthropology, economics, history, political science, psychology, sociology, and U.S. literature.
- Analyze one or more major themes of U.S. history from different social, economic, demographic, cultural, or political perspectives.
- Evaluate how indigenous populations, immigration, or slavery have shaped the development of the United States.
- Explain the role of the United States in international relations and how this role has influenced the country and the rest of the world.
- Identify and differentiate among the legislative, judicial, and executive branches of government and analyze their influence on the development of U.S. democracy.
- Analyze common institutions or patterns of life in contemporary U.S. society and how they influence or are influenced by race, ethnicity, class, gender, sexual orientation, or other forms of social differentiation.

C. Creative Expression
A course in this area must meet at least three of the following additional learning outcomes. A student will:

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

D. Individual and Society
A course in this area must meet at least three of the following additional learning outcomes. A student will:

- Identify and apply the fundamental concepts and methods of a discipline or interdisciplinary field exploring the relationship between the individual and society, including, but not limited to, anthropology, computer science, philosophy, psychology, religion, and sociology.
- Examine how an individual’s place in society affects experiences, values, and choices.
- Articulate and assess ethical views and their underlying premises.
• Articulate ethical uses of data and other information resources to respond to problems and questions.
• Analyze the transformational impact of science or technology on the individual and society.
• Identify, analyze, and engage with local, national, or global trends and analyze their impact on individual or collective decision-making.

E. Scientific World?
[A course in this area must meet at least three of the following additional learning outcomes. A student will:
• Identify and apply the fundamental concepts and methods of a discipline or interdisciplinary field exploring the scientific world, including, but not limited to: computer science, life and physical sciences, logic, mathematics, statistics, and technology studies.
• Analyze the transformational impact of information technology, including how privacy, security, and identity have evolved. ]
• We are drafting learning outcomes for this area, assuming we may adopt it at our next meeting.