Transfer credits for the following General Education Requirements will be approved if they satisfy the criteria in the right-hand column:

Mathematics Requirement	• Calculus I, II, or III, Calculus for the _____ Sciences, Calculus for Business, Applied Calculus, etc., • AP Calculus with a score of 4 or 5 • AP Statistics with a score of 4 or 5 • IB Calculus (Higher Level) with a score of 5 or higher • A course that expands the students' understanding of what mathematics is beyond high school material and algorithmic approaches. See examples on page 3. • A college computer science course of at least 2 credits. The course must introduce students to computer programming languages and apply programming to real world problems.
Natural Sciences Requirement	• A lab science course that is also focused on a science discipline's approach to issues in contemporary society or how political, social, or religious contexts influence the practice of science. • A lab science course that does not fit the above definition satisfies half of the requirement (students must still take either STEM 141 or STEM 142).
WRIT 101 Writing in the Liberal Arts	• AP English Language and Comp with a score of 4 or 5 • AP English Literature and Comp with a score of 4 or 5 • SAT verbal/EBRW score of at least 600; ACT English score of at least 26; or ACT Writing Score of at least 9 • A college level composition course
HUM102: Enduring Questions in the Early Modern World	• A course in Early Modern (European or Western) History (1450-1800) that includes primary textual sources (including literary and philosophical). • A score of 4 or 5 on AP European History **and** a score of 4 or 5 on AP English Literature and Composition (students can choose to use this for either HUM102 *or* HUM 201 but not both). • An introduction to philosophy course **and** a course in European or World history (students can choose to use this for one of their HUM 101, 102 *or* HUM 201). • An introduction to literature course **and** a course in European or World history (students can choose to use this for one of their HUM 101, 102 *or* HUM 201).
HUM201: Enduring Questions in the Modern and Contemporary	• A course in Modern and Contemporary (European or Western) History (1800 to the present) that includes

World	primary textual sources (including literary and philosophical). • A score of 4 or 5 on AP European History **and** a score of 4 or 5 on AP English Literature and Composition (students can choose to use this for either HUM 102 *or* HUM 201 but not both). • An introduction to philosophy course **and** a course in European or World history (students can choose to use this for one of their HUM 101, 102 *or* HUM 201). • An introduction to literature course **and** a course in European or World history (students can choose to use this for one of their HUM 101, 102 *or* HUM 201).
Social Sciences Requirement	• AP Psychology score of 4 or 5 • AP Government score of 4 or 5 • AP Economics Micro or Macro score of 4 or 5 • A college level course that aligns with one of the HC courses fulfilling this requirement
Art and Music Requirement	• AP Music Theory score of 4 or 5 • AP Art History score of 4 or 5 • AP Studio Art score of 4 or 5 • A college level course that aligns with one of the HC courses fulfilling this requirement
Wellness Requirement	• A college level course that aligns with one of the HC courses fulfilling this requirement
Changing World Requirement	• AP Language score of 4 or 5 • AP Language Literature score of 4 or 5 • A college level language course • A college level course that aligns with one of the HC courses fulfilling this requirement

Other college level courses may grant major/minor/concentration credit. The final approval is made by the department.

Any transferrable college level course that does not meet a requirement will be used as general elective credit towards the total number of credits necessary to graduate.

Sample Math courses from SUNY Geneseo and Jamestown Community College that meet the General Education Mathematics requirement:

MATH 160 R/Elements of Chance
This course will help students learn how to think about statistics and probability, how to identify the tools needed to study a particular problem and how to read and critically evaluate quantitative information presented in the media. The course format involves extensive reading and discussion of newspaper and journal articles, computer activities, writing assignments, and student projects. (Those who have completed MATH 260 or MATH 242 or 341 or 361, may not enroll in this class for credit. Those majoring in mathematics may only receive free elective credit for the course.) Prerequisites: Three years of high school mathematics including intermediate algebra. Credits: 3(3-0). Offered every fall

MAT 1670 Discrete Mathematics
Students will master fundamental concepts of discrete mathematics that are essential for further studies in mathematics and computer science. Topics include symbolic logic and deductive reasoning, methods of proof, set theory, combinatorics, Boolean algebra, number theory, relations, and graph theory. Prerequisite: MAT 1600 or high school precalculus or equivalent.