The General Education Program is separated into ten areas of study:

(I) Intellectual Inquiry in Arts and Creativity
(II) Intellectual Inquiry in the Humanities
(III) Intellectual Inquiry in the Social Sciences
(IV) Intellectual Inquiry in the Natural, Physical and Mathematical Sciences
(V) Composition and Communication I
(VI) Composition and Communication II
(VII) Quantitative Foundations
(VIII) Statistical Inferential Reasoning
(IX) Community, Culture and Citizenship in the USA
(X) Global Dynamics

* The UK Core is designed to provide the equivalent of 30 credit hours. Some courses in the UK Core require more than 3 credits, resulting in more than 30 credits.

I. Intellectual Inquiry in Arts and Creativity – 3 Credits

These courses are “hands-on” courses, which allow students to engage actively with the creative process. Students will define and distinguish different approaches to “creativity,” demonstrate the ability to critically analyze work produced by other students, and evaluate results of their own creative endeavors. In general education, a focus on creativity adds to the vitality and relevance of learning and will translate into graduates who are better prepared to face the challenges of a dynamic society.

The Creativity and the Arts requirement may be fulfilled by completing one of the following:

- A-E 120 Pathways to Creativity in the Visual Arts
- A-S 102 Two-Dimensional Surface
- A-S 103 Three-Dimensional Form
- A-S 130 Drawing
- A-S 200 Digital Art, Space and Time
- A-S 280 Introduction to Photographic Literacy
- A-S 380 Black & White Darkroom Photography
- CME 455 Chemical Engineering Process Design I (Restricted to Chemical Engineering students)
- TA 110 Theatre: An Introduction
- TA 120 Creativity and the Art of Acting
- TA 140 Introduction to Dance
- UKC 100 Beginning Classroom Guitar

II. Intellectual Inquiry in the Humanities – 3 Credits

These courses develop students’ skills in interpretation and analysis of creations of the human intellect such as art and literature (including folklore, popular culture, film and digital media), philosophical and religious contemplation and argumentation, language systems, and historical narratives. In these courses, students gain the ability not only to analyze the works themselves but to evaluate competing interpretations of such works.

The Humanities requirement may be fulfilled by completing one of the following:

- A-H 101 Introduction to Visual Studies
- A-H 105 Ancient through Medieval Art
III. Intellectual Inquiry in the Social Sciences – 3 Credits

These courses promote an understanding of the relationships between individuals and society and how scholars have come to understand these relationships using conceptual models and processes of inquiry. Through a discipline-based study of social problems or themes, students will learn to critically evaluate the variety of social situations with which they may be confronted in their everyday lives.

The Social Sciences Requirement may be fulfilled by completing one of the following:

- ANT 101 Introduction to Anthropology
- CLD 102 The Dynamics of Rural Social Life (Students may not receive credit for both CLD 102 and SOC 101)
- CPH 201 Introduction to Public Health
- ECO 101 Contemporary Economic Issues
- GWS 200 Introduction to Gender and Women’s Studies in the Social Sciences
- PS 235 World Politics
- PSY 100 Introduction to Psychology
- SOC 101 Introduction to Sociology (Students may not receive credit for both SOC 101 and CLD 102)

IV. Intellectual Inquiry in the Natural, Physical and Mathematical Sciences – 3 Credits

These courses engage students in the fundamental processes of science through the exploration of an area in science. Students will be expected to use their knowledge of scientific concepts to formulate predictions, collect and analyze data, and construct explanations for the questions posed.

The Natural, Physical and Mathematical Sciences requirement may be fulfilled by completing one of the following:

- ANT 230 Introduction to Biological Anthropology
- AST 191 The Solar System
- BIO 102 Human Ecology
- BIO 103 Basic Ideas of Biology
- CHE 105 General College Chemistry I (CHE 105 and CHE 111 are paired courses. To earn UK Core credit, both
courses must be completed. CHE 111 may be taken concurrently with CHE 105 or after CHE 105 has been completed. Students must sign up for each course separately).

- **CHE 111** Laboratory to Accompany CHE 105 (CHE 105 and CHE 111 are paired courses. To earn UK Core credit, both courses must be completed. CHE 111 may be taken concurrently with CHE 105 or after CHE 105 has been completed. Students must sign up for each course separately).
- **ENT 110** Insect Biology
- **GEO 130** Earth’s Physical Environment
- **GEO 135** Global Climate Change
- **GLY 110** Endangered Planet: An Introduction to Environmental Geology
- **GLY 120** Sustainable Planet: The Geology of Natural Resources
- **PHY 211** General Physics
- **PHY 231** General University Physics (PHY 231 and 241 are paired courses. To earn UK Core credit, both PHY 231 and PHY 241 must be completed. They may be taken in either order and students must sign up for them separately).
- **PHY 241** General University Physics Laboratory (PHY 231 and 241 are paired courses. To earn UK Core credit, both PHY 231 and PHY 241 must be completed. They may be taken in either order and students must sign up for them separately).
- **PLS 104** Plants, Soils, and People: A Science Perspective

### V. Composition and Communication I – 3 Credits

In this course, students are introduced to the process of writing, speaking, and visually representing their own ideas and the ideas of others; they also practice basic interpersonal communication skills and the ability to communicate with multiple audiences.

The Composition and Communication I requirement may be fulfilled by completing one of the following:

- Score of 32 or above on the English component of the ACT
- Score of 700 or above on SAT I Verbal
- Score of 3-5 on the AP English Language Exam

OR

- **CIS 110** Composition and Communication I
- **WRD 110** Composition and Communication I

### VI. Composition and Communication II – 3 Credits

In this course, students research public controversies and work in teams to analyze and argue for a solution to these controversies in oral, written, and visual/digital forms for multiple audiences.

The Composition and Communication II requirement may be fulfilled by completing one of the following:

- **CIS 111** Composition and Communication II
- **WRD 111** Composition and Communication II

### VII. Quantitative Foundations – 3 Credits

These courses are concerned with the application of mathematical concepts and skills to solve real-world problems. In order to perform effectively as professionals and citizens, students must become competent in reading and using quantitative data, in understanding quantitative evidence and in applying basic quantitative skills to the solution of real-life problems.

The Quantitative Foundations requirement may be fulfilled by completing one of the following:

- **GLY 151** Dynamic Earth
- **GLY 185** Quantifying the Bluegrass Water Supply
VIII. Statistical Inferential Reasoning – 3 Credits

These courses will encourage students to evaluate claims based on statistical principles by providing an understanding of the conceptual and practical applications of statistical reasoning and thinking. Students will receive an introduction to the science of statistics, and while students will be expected to reason with statistical ideas and make sense of statistical information, computations are not the focus.

The Statistical Inferential Reasoning requirement may be fulfilled by completing one of the following:

- STA 210 Making Sense of Uncertainty: An Introduction to Statistical Reasoning
- PSY 215 & PSY 216 Experimental Psychology (PSY 215 and 216 are paired courses. To earn UK Core credit, both PSY 215 and PSY 216 must be completed. They may be taken in either order and students must sign up for them separately). These two courses are only open to students who are majoring in Psychology.

IX. Community, Culture and Citizenship in the USA – 3 Credits

These courses promote a student’s understanding of historical, societal, and cultural differences, such as those arising from race, ethnicity, gender, sexuality, language, nationality, religion, political and ethical perspectives, and socioeconomic class; engage students in grappling with conflicts, compromises, and/or ethical dilemmas stemming from the complex and diverse cultural contexts of US communities; and foster effective and responsible participation in a diverse community or society in the United States.

The Community, Culture and Citizenship in the USA requirement may be fulfilled by completing one of the following:

- AAS 235 Inequalities in Society
- CLD 360 Environmental Sociology
- ENG 191 Literature and the Arts of Citizenship
- GEN 100 Issues in Agriculture (Restricted to College of Agriculture students)
- GEO 220 U.S. Cities
- GEO 221 Geographies of Immigrant America
- HIS 108 History of the United States Through 1876
- HIS 109 History of the United States Since 1877
- PHI 335 The Individual and Society
- PS 101 American Government
- SOC 235 Inequalities in Society
- SOC 350 Topics in Sociology (Subtitle required)
- SOC 360 Environmental Sociology

X. Global Dynamics – 3 Credits

These courses equip students to participate in a diverse, multiethnic, multilingual world community. Toward this end, students consider issues of equality, ethical dilemmas, global trends, social change, and civic engagement in the context of local cultures outside the US.

The Global Dynamics requirement may be fulfilled by completing one of the following:

- A-H 310 Studies in East Asian Art (Subtitle required)
- ANT 160 Cultural Diversity in the Modern World
- ANT 225 Culture, Environment and Global Issues
- ANT 242 Origins of New World Civilizations
• ANT 311 Global Dreams and Local Realities in a “Flat” World
• ANT 329 Cultures and Societies of Eurasia and Eastern Europe: Socialism and Post-Socialist Change
• CLD 380 Globalization: A Cross-Cultural Perspective
• GEO 160 Lands and Peoples of the Non-Western World
• GEO 162 Introduction to Global Environmental Issues
• GEO 164 iWorlds: Global Information Geographies
• GEO 222 Cities of the World
• GEO 255 Geography of the Global Economy
• GEO 260 Geographies of Development in the Global South
• HIS 105 History of Europe from the Mid-Seventeenth Century to the Present
• HIS 121 War and Society, 1914 - 1945
• HIS 202 History of the British People to the Restoration
• JPN 320 Introduction to Japanese Culture, Pre-Modern to 1868
• LAS 201 Introduction to Latin American Studies
• MUS 330 Music in the World (Subtitle required)
• PHI 343 Asian Philosophy
• PS 210 Introduction to Comparative Politics
• RUS 125 Mapping Russia (Subtitle required)
• RUS 370 Russian Folklore (in English)
• SOC 180 Societies and Global Perspectives
• SOC 380 Globalization: A Cross-Cultural Perspective