

# COURSES

## Tier I Writing Requirement

### Writing, Rhetoric and American Cultures (WRA)

Your ACT/SAT score in writing will determine which of the requirements listed applies to you. If you take the Advanced Placement Examination in English and score 3, the Tier I writing requirement is waived. If you earn a score of 4 or 5, you will meet the Tier I writing requirement and earn (4) credits. Note: Broad admission requires credit in WRA; a waiver does not fulfill this requirement.

### WRA Courses

WRA 0102/1004: Preparation for College Writing

*Students who need extra time and practice to achieve the Tier 1 learning goals are placed into Preparation for College Writing, which is a one-semester course preparatory to taking a WRA 100-level course. This course focuses on ways to write effectively in WRA 100-level courses and beyond. Students receive credit for this course, but it does not satisfy the Tier 1 writing requirement.*

WRA 101: Writing as Inquiry

WRA 195H: Writing as Inquiry Honors

## Integrative Studies in Arts and Humanities (IAH) 201-210

### Policy Note: Diversity Requirement

Students must include at least one National (N) course and one International/Multicultural (I) course in their Integrative Studies programs. A National/International/Multicultural (D) course may meet either an (N) or an (I) requirement, but not both.

### Integrative Studies in Arts and Humanities (IAH)

Prerequisite for IAH 201-210: Completion of Tier I writing requirement.

Prerequisite for IAH 211-241: Completion of IAH 201-210 course

#### IAH 201 United States and the World (D)

Major issues in development of U.S. society and culture, presented in international and comparative context. Influences from Native Americans, Europeans, Africans, and Asians. Organized historically, with thematic emphasis on literature and the arts.

#### IAH 202 Europe and the World (I)

Cultural encounters and political relationships between Europeans and people(s) from other regions of the world since 1500 as shown through study of written texts, literature, the visual arts, music, and other forms of expression. Examples from Europe and several continents.

#### IAH 203 Latin America and the World (I)

Major issues in the development of Latin American societies and cultures, presented in global perspective. Influences from indigenous peoples, Europeans, Africans, and others. Organized thematically and historically, through study of written texts, literature, and the arts.

#### IAH 204 Asia and the World (I)

Major issues in the development of Asian societies and cultures and their interaction with other regions of the world since 1600. Topics from East, Southeast, and South Asia. Organized thematically and historically, through study of written texts, the arts, and other forms of expression.

#### IAH 205 Africa and the World (I)

Major issues in the development of African societies and their interaction with other regions of the world since 600 through study of written texts, the arts and other forms of expression. Topics from West, East, North, and Southern Africa. Organized thematically and historically.

#### IAH 206 Self, Society, and Technology (D)

Exploration in how technology affects and is affected by our conceptions of ourselves, relations with others, and our ideals. Approaches and materials from philosophy, literature, art, music, and history as well as the natural sciences.

#### IAH 207 Literatures, Cultures, Identities (I)

Explorations in how literature reflects, creates, and challenges cultural and individual identities. Approaches and materials from literature, philosophy, the arts, religion, and history. Selected themes and issues, variable by term.

#### IAH 208 Music and Culture (I)

Relationships between music and culture. Organized historically, geographically, or thematically, through study of written texts, music, the visual arts, and other forms of expression. Selected topics, variable by term in content and approach.

#### IAH 209 Art, the Visual and the Culture (D)

Exploration of art and visual culture in historical and cultural contexts. Reading and analysis of images. Approaches and materials from art history, anthropology, history, literature, philosophy, religious studies, economics, and natural science in cross-cultural and international perspective. Content variable by term.

#### IAH 210 Middle East and the World (I)

Major issues in the development of Middle Eastern societies and cultures, presented in global perspective. Influences from European, Africans, Asians, and others. Organized thematically and historically, through study of written texts, literature, and the arts.

# COURSES

## Integrative Studies in Arts and Humanities (IAH) 211-241

### **IAH 211A Area Studies and Multicultural Civilizations: Africa (I)**

Arts and humanities of Africa: literature, art, music, religion and philosophy presented in historical context. Selected regions, cultures, and themes. Variable by term.

### **IAH 211B Area Studies and Multicultural Civilizations: Asia (I)**

Arts and humanities of Asia: literature, visual arts, music, religion and philosophy presented in historical context. Selected regions, cultures, and themes. Variable by term.

### **IAH 211C Area Studies and Multicultural Civilizations: The Americas (D)**

Arts and humanities of the Americas: literature, visual arts, music, religion and philosophy presented in historical context. Selected regions, cultures, and themes. Variable by term.

### **IAH 211D Area Studies and Multicultural Civilizations: The Middle East (I)**

Arts and humanities of the Middle East: literature, visual arts, music, religion and philosophy presented in historical context.

### **IAH 221A Great Ages: The Ancient World (I)**

Arts and humanities of the ancient world examined through the frame of urban and intellectual life. Literature, visual arts, music, religion and philosophy presented in historical context. Selected regions and themes, variable by term.

### **IAH 221B Great Ages: The Medieval and Early Modern Worlds (I)**

Arts and humanities of the medieval and early modern worlds: literature, visual arts, music, religion and philosophy presented in historical context. Selected regions and themes. Variable by term.

### **IAH 221C Great Ages: The Modern World (I)**

Arts and humanities of the modern world, examined through the frame of urban and intellectual life. Literature, visual arts, music, religion and philosophy presented in historical context. Selected regions and themes. Variable by term.

### **IAH 231A Themes and Issues: Human Values and the Arts and Humanities (D)**

Values of individualism, responsibility, love, community, and rationality. Students are introduced to diverse methods and materials from the arts and humanities.

### **IAH 231B Themes and Issues: Moral Issues and the Arts and Humanities (D)**

Human conflict and moral dilemmas, addressed through diverse methods and materials from the arts and humanities.

### **IAH 231C Themes and Issues: Roles of Language in Society (D)**

Language as the medium of culture in various societies. Power and social identity as manifested through language.

### **IAH 241A Creative Arts and Humanities: Music and Society in the Modern World (D)**

The arts and humanities of the modern world through the prism of music. Music traditions and methodologies in their historic context. Relationship of music creativity to societies in which it has been produced.

### **IAH 241B Creative Arts and Humanities: Philosophy in Literature (D)**

Philosophy and literature, relationships to each other and to societies in which they were produced. Themes such as the meaning of life, God and the problem of evil, and the nature of knowledge.

### **IAH 241C Creative Arts and Humanities: Cultural and Artistic Traditions of Europe (I)**

European artistic and cultural movements and styles, introduced through works of art, music, literature, philosophy and religion. Presented in historical context.

### **IAH 241D Creative Arts and Humanities: Theater and Society in the West (I)**

Artistic creativity seen through the prism of theater, presented in historical context. Influences from art, literature, music, and religion. Focus on translation of social visions into dramatic art.

### **IAH 241E Creative Arts and Humanities: The Creative Process (D)**

Philosophical, religious and historical foundations for understanding the process of creation in visual arts, theatre, music and literature. Variations across eras and societies.

### **IAH 241F Traditions in World Art (I)**

Aesthetic qualities of painting, sculpture, and architecture within historical contexts across major civilizations. Visual forms in relation to belief systems and musical and literary traditions.

### **IAH 241G Film and Culture (D)**

The arts and humanities through the prism of film. Integration of perspectives from literature, visual arts, music, religion, philosophy.

## Integrative Studies in Social Science (ISS) 200-level

### **ISS 210 Society and the Individual (D)**

Evolution of human behavior with an emphasis on the individual and society. Family and kinship, social organizations. Societal types, personality, and the life cycle.

### **ISS 215 Social Differentiation and Inequality (D)**

Types, causes and consequences of stratification in human societies. Age, class, gender, race and other factors which define social position. Education, occupation, political economy.

### **ISS 220 Time, Space and Change in Human Society (D)**

Evolutionary, ecological, and spatial theories of adaptation and change. Cultural evolution from prehistoric foraging to the post-industrial age. Continuity and change in the emergence and development of contemporary ways of life.

### **ISS 225 Power, Authority, and Exchange (D)**

Power, authority, and exchange in organizing societies. Costs and limitations of power. Institutionalization of authority. Systems of exchange: planned vs. market economies.

### **ISS 230 Government and the Individual (D)**

Critical examination of the role of government in regulating individual behavior. Implications for cultural values and beliefs and modes of behavior. Analysis of consequences of different theories for resolving, or creating problems in public policy.

### **ISS 235 Liberal Democracy as a Way of Life (D)**

Cultural tendencies of liberal democracy that form the characters and constitute the ways of life of individuals in liberal democracies.

# COURSES

## Integrative Studies in Social Science (ISS) 300-level

### **Integrative Studies in Social Science (ISS) 300-Level**

Prerequisite: Completion of ISS 200-Level and Sophomore Standing.

#### **ISS 305 Evaluating Evidence: Becoming a Smart Research Consumer (N)**

Statistical and methodological principles from the perspective of a critical consumer of social science research results. Recognizing non-empirical assertions, necessary bases for inferring relationships and causal relationships, common threats to research validity, and pertinent biases in human judgment.

#### **ISS 308 Social Science Approaches to Law (D)**

Law theories, practices, methodologies. Social, cultural, institutional, global, environmental, family, or historical context.

#### **ISS 310 People and Environment (I)**

Contemporary issues related to the interaction of socio-cultural and ecological systems. Global, regional, national and local environmental problems and responses.

#### **ISS 315 Global Diversity and Interdependence (I)**

Contemporary issues in global political economy. Social forces and competing ideologies in a world context. Global resource distribution and development strategies.

#### **ISS 318 Lifespan Development Across Cultures (I)**

Cultural aspects of biopsychosocial development across the lifespan. Physical development, health and healing. Cognition and language socialization. Views of self, gender, family, and social relationships.

#### **ISS 320 World Urban Systems (I)**

Patterns of urbanization in various areas of the world over time. Linkage within and between urban centers. Economic, political and social/behavioral accommodation and adaptation to urban growth and change.

#### **ISS 325 War and Revolution (I)**

Social conflict, wars and revolutions. Patterns of individual and collective action. Violence and conflict resolution.

#### **ISS 327 Risk and Society (D)**

Assessment, management, and communication of risk. Role of media in amplifying risk. Topics may include gangs, terrorism, health, stock markets, job markets, sports, food, and traffic.

#### **ISS 328 The Social Science of Sports (I)**

Contemporary issues in sports. Critical examination of the industrial organization, public finance, labor relations, earnings, discrimination, and historical context of sports in society.

#### **ISS 330A Africa: Social Science Perspectives (I)**

Comparative study of geography, cultures, politics, and economies of Africa. Diversity and change.

#### **ISS 330B Asia: Social Science Perspectives (I)**

Comparative study of geography, cultures, politics, and economies of Asia. Diversity and change.

#### **ISS 330C Latin America: Social Science Perspectives (I)**

Comparative study of geography, cultures, politics, and economies of Latin America. Diversity and change.

#### **ISS 335 National Diversity and Change: United States (N)**

Racial, ethnic, class, gender, and other forms of diversity in the United States. Systems of dominant-minority relations and forms of prejudice and discrimination. Scope of and responses to group inequalities.

## Integrative Studies in Biological Science (ISB)

### **Integrative Studies in Biological Science (ISB)**

Prerequisite: MTH 103 must be taken before or concurrently with an ISB course.

One laboratory course in either ISB or ISP required.

#### **ISB 200 History of Life (No Lab)**

Life from its origin to the dawn of human history. Living things as both the products of evolutionary processes and as a major force driving evolution and altering the environment of planet earth.

#### **ISB 201 Insects, Globalization, and Sustainability**

The relationship between insects, human society, and the environment with an emphasis on ecological and evolutionary processes. Critical evaluation of current regional and global environmental problems and how they are effecting the development of a sustainable society.

#### **ISB 201L Insects, Globalization, and Sustainability Laboratory**

Problem-based learning activities involved with observing, hypothesizing, experimenting, and analysis of data related to environmental science. Prerequisite: ISB 201 or concurrently.

#### **ISB 202 Applications of Environmental and Organismal Biology**

Historical and recent development of ideas about behavior, ecological, and evolutionary processes. Critical evaluation of the use and misuse of human understanding of nature, emphasizing recent findings.

#### **ISB 204 Applications of Biomedical Sciences**

Historical and recent development of knowledge about cellular developmental or genetic processes. Critical evaluation of the use and misuse of scientific discoveries in these areas.

#### **ISB 208L Applications in Biological Science Laboratory**

Problem solving activities based on observation and interpretation of selected biological systems. Prerequisite ISB 202 or ISB 204 or concurrently.

#### **ISB 210L Science and Society: Impacts of Daily Decisions Lab**

Investigating and analyzing the environmental and personal impacts of daily decisions (fuels, energy, food, water, consumer goods). concurrently.

# COURSES

## Integrative Studies in Physical Science (ISP)

### **Integrative Studies in Physical Science (ISP)**

Prerequisite: Designated score on mathematics placement test, or completion of MTH 103.

One laboratory course in either ISB or ISP required.

### **ISP 203A Understanding Earth: Global Change**

Science as a way of knowing about natural and anthropogenic global change. Implications for societies.

### **ISP 203B Understanding Earth: Natural Hazards and the Environment**

Science as a way of knowing about natural hazards, as well as natural and anthropogenic environmental change. Implications for societies.

### **ISP 203L Geology of the Human Environment Laboratory**

Exercises in the scientific method applied to earth materials and their impact on society. Prerequisite: ISP 203 or concurrently.

### **ISP 205 Visions of the Universe**

Role of observation, theory, philosophy, and technology in the development of the modern conception of the universe. The Copernican Revolution. Birth and death of stars. Spaceship Earth. Cosmology and time.

### **ISP 205L Visions of the Universe Laboratory**

Observations of the sky, laboratory experiments, and computer simulations exploring the development of the modern conception of the universe. Prerequisite: ISP 205 or concurrently.

### **ISP 209 The Mystery of the Physical World**

Laws of physics through demonstrations and analyses of every day phenomena. Optics, mechanical systems and electromagnetic phenomena.

### **ISP 209L The Mystery of the Physical World Laboratory**

Physical phenomena: optics, mechanical systems and electromagnetics. Prerequisite: ISP 209 or concurrently.

### **ISP 215 The Science of Sound (No Lab)**

The science of speech, communication, musical instruments, room acoustics, and analogue and digital audio. Integrating the physical, physiological, and psychological principles involved.

### **ISP 217 Water and the Environment**

Application of the scientific method to identification and solution of environmental problems related to water.

### **ISP 217L Water and the Environment Lab**

Application of the scientific method to identification and solution of environmental problems related to water. Prerequisite ISP 217 or concurrently.

### **ISP 220 Quarks, Spacetime, and the Big Bang (No Lab)**

Elementary particle physics and the Big Bang for non-scientists. A survey of particles and forces in the early universe as it is recreated at high energy particle colliders in laboratories around the world.