

**221B. Great Ages: The European Renaissance**

*Fall of odd years. 4(4-0) P: (IAH 201)*  
Arts and humanities of Renaissance Europe: literature, visual arts, music, religion and philosophy presented in historical context. Selected themes, variable by term.

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

*Fall, Spring. 4(4-0) P: (IAH 201)*  
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.

**231A. Themes and Issues: Human Values and the Arts and Humanities**

*Fall, Spring. 4(4-0) P: (IAH 201)*  
Values of individualism, responsibility, love, community, and rationality. Students are introduced to diverse methods and materials from the arts and humanities.

**231B. Themes and Issues: Moral Issues and the Arts and Humanities**

*Fall, Spring. 4(4-0) P: (IAH 201)*  
Human conflict and moral dilemmas, addressed through diverse methods and materials from the arts and humanities.

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

*Fall, Spring. 4(4-0) P: (IAH 201)*  
Language as the medium of culture in various societies. Power and social identity as manifested through language. Students are introduced to diverse methods and materials from the arts and humanities.

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

*Fall of even years. 4(4-0) P: (IAH 201)*  
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.

**241B. Creative Arts and Humanities: Philosophy in Literature**

*Spring. 4(4-0) P: (IAH 201)*  
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. Authors such as Voltaire, Dostoevsky, Wright, and Atwood examined from a variety of perspectives.

**241C. Creative Arts and Humanities: Cultural and Artistic Traditions of Europe**

*Fall, Spring. 4(4-0) P: (IAH 201)*  
European artistic and cultural movements and styles, introduced through works of art, music, literature, philosophy and religion. Presented in historical context. Specific eras and works variable by term.

**241D. Creative Arts and Humanities: Theater and Society in the West**

*Spring. 4(4-0) P: (IAH 201)*  
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. Plays and themes variable by term.

**241E. Creative Arts and Humanities: The Creative Process**

*Spring of even years. 4(4-0) P: (IAH 201)*  
Philosophical, religious and historical foundations for understanding the process of creation in visual arts, theatre, music and literature. Variations across eras and societies.

**241F. Creative Arts and Humanities: Traditions in World Art (I)**

*Fall. 4(4-0) P: (IAH 201)*  
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.

**INTEGRATIVE STUDIES  
IN BIOLOGICAL  
SCIENCE** **ISB**

**Center for Integrative Studies  
in General Science  
College of Natural Science**

**200. History of Life**  
*Fall, Spring, Summer. 3(3-0) P: MTH 103 or MTH 110 or MTH 116 or MTH 120 or concurrently or designated score on mathematics placement test.*

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.

**202. Applications of Environmental and Organismal Biology**  
*Fall, Spring, Summer. 3(3-0) P: MTH 103 or MTH 110 or MTH 116 or MTH 120 or concurrently or designated score on mathematics placement test.*

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.

**202L. Applications of Environmental and Organismal Biology Laboratory**  
*Fall, Spring, Summer. 1(0-2) C: ISB 202 concurrently.*

Problem solving activities based on observation and the analysis of empirically derived data from environmental and organismal biology.

**204. Applications of Biomedical Sciences**  
*Fall, Spring, Summer. 3(3-0) P: MTH 103 or MTH 110 or MTH 116 or MTH 120 or concurrently or designated score on mathematics placement test.*

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.

**204L. Applications of Biomedical Science Laboratory**

*Fall, Spring, Summer. 1(0-2) C: ISB 204 concurrently.*  
Problem solving activities based on observation and interpretation of selected biological systems in relation to medical science.

**206H. Human Biology and Society**  
*Fall, Spring. 3(3-0) P: MTH 103 or MTH 110 or MTH 116 or MTH 120 or concurrently or designated score on mathematics placement test.*  
Conceptual and technological advances in biology. Ethical, legal, social and economic issues which accompany these advances.

**INTEGRATIVE STUDIES  
IN PHYSICAL SCIENCE** **ISP**

**Center for Integrative Studies  
in General Science  
College of Natural Science**

**201. Concepts of Reality through Physical Science**  
*Fall, Spring, Summer. 3(3-0) P: MTH 110 or MTH 116 or MTH 120 or MTH 124 or MTH 201 or STT 200 or STT 201 or concurrently or designated score on mathematics placement test.*

Historical and recent development of our understanding of the physical world. Selected topics from the physical sciences, their relationship to one another and to other areas of culture.

**201L. Concepts of Reality through Physical Science Laboratory**  
*Fall, Spring, Summer. 1(0-2) C: ISP 201 concurrently.*  
Problem solving activities based on observation and interpretation of selected physical systems.

**203. Geology of the Human Environment**  
*Fall, Spring, Summer. 3(3-0) P: MTH 110 or MTH 116 or MTH 120 or MTH 124 or MTH 201 or STT 200 or STT 201 or concurrently or designated score on mathematics placement test.*

The scientific method in geological studies: its impact on the human environment and history, and on cultural, social, philosophical, and political decisions.

**203L. Geology of the Human Environment Laboratory**  
*Fall, Spring, Summer. 1(0-2) C: ISP 203 concurrently.*  
Exercises in the scientific method applied to earth materials and their impact on society.

**205. Visions of the Universe**  
*Fall, Spring, Summer. 3(3-0) P: MTH 104 or MTH 110 or MTH 116 or MTH 120 or MTH 124 or MTH 201 or STT 200 or STT 201 or concurrently or designated score on mathematics placement*

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.