

- 419 Studies in Ancient History**
 Spring. 3(3-0) R: Not open to freshmen.
 Specific topics or periods within the ancient Near Eastern and Greco-Roman worlds such as the Hellenistic world and the early Roman empire.
- 420 History of Sexuality since the 18th Century**
 Fall, Spring. 3(3-0) Interdepartmental with Women's Studies. R: Not open to freshmen
 Changing gender roles, sex in the Victorian era, prostitution, pornography, birth control, emergence of homo- and heterosexuality, sex under fascism, the sexual revolution, contemporary conflicts.
- 425 American and European Health Care since 1800**
 Spring. 4(4-0) Interdepartmental with Lyman Briggs School. P:M: Completion of Tier I writing requirement. R: Not open to freshmen.
 Social and cultural transformation in health care delivery since 1800, primarily in North America and western Europe. Therapeutic revolutions. Medical education and professionalization. Social and alternative medicine. Managed care.
- 450 Special Topics in African History**
 Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Not open to freshmen
 Experimental courses and courses taught by visiting faculty.
- 451 Special Topics in Asian History**
 Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Not open to freshmen
 Experimental courses and courses taught by visiting faculty
- 452 Special Topics in European History**
 Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Not open to freshmen
 Experimental courses and courses taught by visiting faculty
- 453 Special Topics in Latin American History**
 Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Not open to freshmen
 Experimental courses and courses taught by visiting faculty
- 454 Special Topics in American History**
 Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Not open to freshmen
 Experimental courses and courses taught by visiting faculty
- 480 Seminar in American History (W)**
 Fall, Spring. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. P:M: (HST 201) and completion of Tier I writing requirement.
 Exploration of particular topic in cultural, intellectual, or political history, seventeenth century to the present.
- 481 Seminar in Ancient History (W)**
 Fall, Spring. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. P:M: (HST 201) and completion of Tier I writing requirement.
 A specific problem or theme in the history of Greece and Rome.

- 482 Seminar in Medieval History (W)**
 Fall, Spring. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. P:M: (HST 201) and completion of Tier I writing requirement.
 A specific problem or theme in medieval social, cultural, intellectual, legal, and political history, 500-1300.
- 483 Seminar in Modern European History (W)**
 Fall, Spring. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. P:M: (HST 201) and completion of Tier I writing requirement.
 A specific problem or theme in European social, political, cultural, or economic history since 1300.
- 484 Seminar in African History (W)**
 Fall, Spring. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. P:M: (HST 201) and completion of Tier I writing requirement.
 Issues in African social, political, cultural, and environmental history.
- 485 Seminar in Asian History (W)**
 Fall, Spring. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. P:M: (HST 201) and completion of Tier I writing requirement.
 Intensive study of a specific problem or theme in the social, political, economic, or cultural history of Asia.
- 486 Seminar in Latin American History (W)**
 Fall, Spring. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. P:M: (HST 201) and completion of Tier I writing requirement.
 A specific problem or theme in the social, cultural, economic, and political history of Latin America.
- 487 Seminar in Comparative History (W)**
 Fall. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. P:M: (HST 201) and completion of Tier I writing requirement.
 Analysis of themes or problems from different cultures and countries.
- 488 Seminar in International Relations (W)**
 Fall, Spring. 3(3-0) A student may earn a maximum of 12 credits in all enrollments for this course. P:M: (HST 201) and completion of Tier I writing requirement.
 A specific problem or theme in the history of international relations.
- 490 Independent Study**
 Fall, Spring. 1 to 4 credits. A student may earn a maximum of 8 credits in all enrollments for this course. R: Approval of department.
 Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.
- 492H Senior Honors Seminar**
 Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to Honors College juniors or seniors.
 Intensive study of a specific problem or theme in European, American, African, Asian, or Latin American history.

- 499H Senior Honors Thesis**
 Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. R: Open only to Honors College seniors in the Department of History. Approval of department.
 Individual research projects, supervised by a faculty member.

HISTORY OF ART HA

Department of Art and Art History College of Arts and Letters

- 120 Perspectives on World Art: What Is Art?**
 Fall. 4(4-0)
 World art history from multicultural and interdisciplinary perspectives. Thematic and comparative approach to the study of the arts, both ancient and modern, of Europe, Asia, Africa, and the Americas in cultural context.
- 121 Perspectives on World Art: The Creative Process**
 Spring. 4(4-0)
 History of artistic expression from a multicultural perspective. An artist-specific, medium-specific, and object-specific approach to the study of the arts, both ancient and modern, of Europe, Asia, Africa, and the Americas.
- 209 Ancient Art**
 Fall. 3(3-0)
 The arts of antiquity: painting, sculpture, and architecture in Egypt, Mesopotamia, Greece, and Rome until Constantine the Great.
- 210 Medieval Art**
 Spring. 3(3-0)
 Major works of art in the medieval East (Byzantium, Russia, and the Islamic world) and West (Europe) in their cultural context.
- 220 Renaissance Art**
 Fall. 3(3-0) SA: HA 230
 Arts of the European Renaissance (14th - 16th centuries) studied in historical context. Early and high Renaissance in Italy, Northern Renaissance, Reformation, and Mannerism.
- 232 Baroque and Rococo Art**
 Spring. 3(3-0) SA: HA 230
 Painting, sculpture, architecture, decorative and ephemeral arts of Northern and Southern Europe in the 17th and early 18th centuries.
- 240 Modern Art**
 Spring. 3(3-0)
 The rise of modernism and its domination over tradition in 19th and 20th century art. Romanticism, Realism, Impressionism, Cubism, Expressionism, Surrealism and Abstraction, and Post-Modern art.
- 250 American Art**
 Spring. 3(3-0) Interdepartmental with History of Art; American Studies. Administered by Department of Art and Art History.
 Major developments and themes in non-indigenous American art (painting, sculpture, architecture, material culture) from its colonial origins through the 20th century.

History of Art—HA

- 260 East Asian Art**
Fall. 3(3-0)
Thematic introduction to East Asian civilization through selected masterpieces of visual arts. Main trends of East Asian arts throughout a range of time periods.
- 270 Art of Africa, Oceania, and the Americas**
Spring. 3(3-0)
Art traditions of the peoples of Africa, Oceania (Polynesia, Micronesia, Melanesia, and native Australia), and the indigenous peoples of the Western Hemisphere. The roles that art plays in these societies and cultures.
- 292 Introduction to Ancient Studies**
Fall. 2(1-2) Interdepartmental with Arts and Letters; Classical Studies; History. Administered by College of Arts and Letters.
Methods and current trends in the study of the Greek and Roman world. Visits to library and museum collections.
- 401 Greek Art and Archaeology**
Fall of odd years. 3(3-0) P:M: (HA 120 or HA 121 or HA 209) and completion of Tier I writing requirement.
Arts of Greek antiquity. The Bronze Age to the Roman conquest. Discussion of specific archaeological sites.
- 402 Roman Art and Archaeology**
Spring of odd years. 3(3-0) P:M: (HA 120 or HA 121 or HA 209) and completion of Tier I writing requirement.
Arts of ancient Rome from the foundation of the city to the fall of the empire. Discussion of specific archaeological sites.
- 406 Ancient Greek and Roman Painting**
Spring. 3(3-0) P:M: (HA 120 or HA 121 or HA 209) and completion of Tier I writing requirement. R: Not open to freshmen or sophomores.
Greek and Roman painting: pottery and wall painting from the tenth century B.C. to the fall of Rome.
- 410 Early Christian and Byzantine Art**
Fall of even years. 4(4-0) P:M: (HA 120 or HA 121 or HA 210) and completion of Tier I writing requirement.
Sculpture, architecture, painting, and minor arts of the medieval East from the adoption of Christianity by Constantine in 312 A.D. to the fall of Constantinople in 1453. Historical, liturgical, theological, and literary influences.
- 415 Early Medieval Art**
Fall of odd years. 4(4-0) P:M: (HA 120 or HA 121 or HA 210) and completion of Tier I writing requirement.
Sculpture, architecture, monumental painting, and minor arts of the medieval West from the migrations of the fourth century to the Romanesque period.
- 416 Late Medieval Art**
Spring of even years. 4(4-0) P:M: (HA 120 or HA 121 or HA 210) and completion of Tier I writing requirement.
Sculpture, architecture, monumental painting, and minor arts from St. Denis in the twelfth century to Gothic variations in northern Europe.
- 420 Renaissance Architecture and Sculpture**
Spring of odd years. 4(4-0) P:M: (HA 120 or HA 121 or HA 220) and completion of Tier I writing requirement.
Theories and practice of architecture and sculpture in Italy from the thirteenth to the sixteenth centuries. Brunelleschi, Donatello, and Michelangelo.
- 422 Italian Renaissance Painting**
Fall. 4(4-0) P:M: (HA 120 or HA 121 or HA 220) and completion of Tier I writing requirement.
Major masters from later thirteenth century through the mid-sixteenth century. Giotto to Michelangelo.
- 427 Northern Renaissance Art**
Fall of odd years. 3(3-0) P:M: (HA 120 or HA 121 or HA 220) and completion of Tier I writing requirement.
Painting and sculpture in Germany and Flanders from Van Eyck to Bruegel.
- 430 Baroque Art in Italy**
Spring of odd years. 3(3-0) P:M: (HA 120 or HA 121 or HA 232) and completion of Tier I writing requirement.
Painting, sculpture and architecture of the seventeenth century in Italy. The Carracci, Caravaggio, Bernini, and Borromini.
- 433 Colonial Spanish Art and Architecture**
Fall. 3(3-0) P:M: (HA 120 or HA 121) and completion of Tier I writing requirement. R: Not open to freshmen or sophomores.
Painting, sculpture, and architecture within the cultural contexts of sixteenth-, seventeenth-, and eighteenth-century Spain and Latin America.
- 440 United States and European Architecture since 1850**
Spring. 3(3-0) P:M: (HA 120 or HA 121 or HA 240) and completion of Tier I writing requirement.
Technological, stylistic, and intellectual developments in architectural design. European and United States architects and the changing meaning of avant garde, traditional, and vernacular approaches.
- 444 Latin American and Latino Art**
Spring. 3(3-0) P:M: (HA 120 or HA 121) and completion of Tier I writing requirement. R: Not open to freshmen or sophomores.
Latin American art. Latino art in the United States.
- 445 Art in the Age of Revolution**
Spring of even years. 4(4-0) P:M: (HA 120 or HA 121 or HA 240) and completion of Tier I writing requirement.
European art from the mid-18th-century Industrial Revolution through the Revolutions of 1848. Major artists include: Goya, Ingres, Delacroix, Constable, Turner, Courbet, and Manet.
- 446 Monet and His Times**
Fall. 4(4-0) P:M: (HA 120 or HA 121 or HA 240) and completion of Tier I writing requirement.
With Monet as a focus, European art from the mid-nineteenth century through World War I. Renoir, Cezanne, Degas, Van Gogh, Seurat, Rodin, and others.
- 450 Twentieth-Century Arts and Ideas**
Fall of even years. 4(4-0) P:M: (HA 120 or HA 121 or HA 240) and completion of Tier I writing requirement.
Origins of modernism and the major Western artistic movements of the twentieth century in their historical contexts.
- 452 Contemporary Art**
Spring. 4(4-0) P:M: (HA 120 or HA 121 or HA 240) and completion of Tier I writing requirement.
Art in various media created during the last three decades and its art historical sources. Criticism and its relationship to the artistic and cultural climate.
- 453 American Art, 1875-1940**
Fall of even years. 3(3-0) Interdepartmental with American Studies. P:M: (HA 120 or HA 121 or HA 250) and completion of Tier I writing requirement. SA: HA 458, HA 358
Artistic production in North America from 1875 to 1940, in its cultural context.
- 462 The Arts of China**
Spring of even years. 4(4-0) P:M: (HA 120 or HA 121 or HA 260) and completion of Tier I writing requirement.
Chinese art from the Bronze Age to the 18th century. Ancient ritual bronzes, Han funerary art, Buddhist sculpture, and painting. Aesthetic and philosophical principles.
- 463 Japanese Art**
Fall of odd years. 4(4-0) P:M: (HA 120 or HA 121 or HA 260) and completion of Tier I writing requirement.
History and principles of Japanese art from prehistory to modern times. Buddhist art, emakimono, painting, and ukiyo-e.
- 470 Art of West Africa**
Spring of even years. 4(4-0) P:M: (HA 120 or HA 121 or HA 270) and completion of Tier I writing requirement.
Major art traditions of West Africa. Multifaceted nature of visual arts in African societies.
- 474 Aesthetic Theory and Modernism**
Fall. 4(4-0) Interdepartmental with Philosophy; English; Linguistics and Languages; Music; Romance Languages. Administered by Department of Philosophy. R: Not open to freshmen or sophomores.
Problems, assumptions, and arguments of modern aesthetic theory examined in the context of debates over modernity and modernist artistic practice.
- 485 Museum Studies**
Fall. 3(3-0) Interdepartmental with Arts and Letters. R: Not open to freshmen or sophomores.
Activities, functions and organization of museums; the changing role of museums as cultural institutions.
- 486 History of Western Design**
Fall. 4(4-0) P:M: (HA 240 or HA 250) or (HA 120 and HA 121) and completion of Tier I writing requirement.
History of design from the Victorian Age to the present. Relationship to materials and technology, to the influence of the fine arts and to socio-political movements.
- 487 Approaches to Museum Education**
Spring, Summer. 3(3-0) Interdepartmental with History of Art; Arts and Letters. Administered by Department of Art and Art History. R: Open only to juniors or seniors or graduate students.
Theoretical and practical approaches to the design and development of interpretive materials and programs within museums. Design and development of research and projects.
- 488 Museum Curatorial Practices**
Fall, Summer. 3(3-0) Interdepartmental with Arts and Letters. RB: (HA 485) R: Open only to juniors or seniors or graduate students.
Methods and practices for the development, care, and use of museum collections in research, education, and exhibition activities.

- 489 Methods and Approaches in History of Art (W)**
Fall. 3(3-0) P:M: (HA 120) and (HA 121)
Completion of Tier I writing requirement.

Techniques and reference materials used in art-historical research. History of scholarship in the field. Changes in approach in the 19th and 20th centuries. Extensive writing.

- 490 Independent Study**
Fall, Spring. 1 to 2 credits. A student may earn a maximum of 6 credits in all enrollments for this course. R: Not open to freshmen or sophomores. Approval of department.

Special projects arranged by an individual student and a faculty member in areas supplementing regular course offerings.

- 491 Special Topics in History of Art**
Fall, Spring. 1 to 3 credits. A student may earn a maximum of 15 credits in all enrollments for this course. R: Approval of department.

Special topics supplementing regular course offerings proposed by faculty on a group study basis.

- 492 Special Topics in Museum Studies**
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Arts and Letters. R: Open only to juniors or seniors or graduate students.

Special topics supplementing regular course offerings.

- 493C Museum Internship**
Fall, Spring, Summer. 2 to 3 credits. A student may earn a maximum of 6 credits in all enrollments for this course. Interdepartmental with Arts and Letters. R: Not open to freshmen or sophomores. Approval of college.

Activities, functions and organization of a museum.

- 494 Museum Exhibitions: Theory and Development**
Spring. 3(2-2) Interdepartmental with Arts and Letters. R: Open only to juniors or seniors or graduate students. SA: AL 486

Theoretical and practical approaches to the planning, design, development, installations, and evaluation of museum exhibitions. Field trip required.

- 495 Workshop in History of Art**
Fall, Spring, Summer. 1 to 3 credits. A student may earn a maximum of 4 credits in all enrollments for this course. RB: Upper level history of art major. R: Open only to juniors or seniors or graduate students in the History of Art major or approval of department. Written contract required.

In-depth study and experience with a specific technique, or theoretical art historical practice, often in conjunction with visiting scholars or special exhibitions.

- 499 Undergraduate Seminar**
Fall, Spring. 3(3-0) A student may earn a maximum of 6 credits in all enrollments for this course. P:M: Completion of Tier I writing requirement. RB: Open only to juniors and seniors and 15 credits in history of art. R: Open only to juniors or seniors in the History of Art major.
Advanced, variable topic seminar for undergraduate majors. Seminar presentations. Substantial paper.

HORTICULTURE HRT

Department of Horticulture College of Agriculture and Natural Resources

- 100 Horticulture: Plants and People**
Spring. 3(2-2) R: Not open to juniors or seniors in the Department of Horticulture.

Functional uses of plants: aesthetics, food, industry, recreation. Growing and using horticultural plants. Consumer and environmental issues related to horticulture in daily living.

- 104 Plant Propagation**
Spring. 2(2-3) R: Open only to students in the Institute of Agricultural Technology.

Principles and practices used in commercial propagation of plants with emphasis ornamental nursery stock. Seed germination, grafting, budding, cuttage, layering and other techniques. Offered first ten weeks of semester.

- 109 Introduction to Applied Plant Science**
Fall. 2(2-0) R: Open only to students in the Institute of Agricultural Technology.

Plant growth and development. Interrelationship between cultural practice and plant performance. Plant classification, plant physiology and metabolism.

- 111 Landscape Design**
Spring. 3(3-3) Not open to students with credit in HRT 072 or HRT 311.

Functional uses of the landscape, landscape design process, drafting and graphic representation, plant selection and use, planting design principles, construction materials and specifications. Offered first ten weeks of semester.

- 203 Principles of Horticulture I**
Fall. 2(2-0) SA: HRT 201

Contributions of horticulture to society. Cultivar development, crop geography, environmental factors, vegetative and reproductive development, and crop management. Field trip required.

- 203L Principles of Horticulture I Laboratory**
Fall. 1(0-3) P:M: (HRT 203 or concurrently) SA: HRT 201L

Growing, handling, and identifying plants. Irrigation, fertilization, and media for plant production. Pruning and control of flowering and growth. Measuring environmental factors.

- 204 Principles of Horticulture II**
Spring. 2(2-0) SA: HRT 202

Asexual and sexual propagation. Plant population effects, pest management, harvesting, and postharvest handling and marketing of horticultural crops. Field trip required.

- 204L Principles of Horticulture II Laboratory**
Spring. 1(0-3) P:M: (HRT 204 or concurrently) SA: HRT 202L

Growing, handling, and identifying plants. Asexual propagation from cuttings. Micropropagation. Bulbs, tubers, and corms. Grafting. Seed germination on perennial and annual crops. Storage of fruit.

- 207 Horticulture Career Development**
Fall. 1(1-0)

Internship preparation and identification of employment opportunities. Career goal establishment, resume construction, correspondence development, personal budgeting, interview skills and strategies.

- 208 Pruning and Training Systems in Horticulture**
Spring of odd years. 3(2-2) Spring: MSU N.-Traverse City. R: Open only to students in the MSU-NMC IAT Applied Plant Science Program.

Principles and practices of plant growth management. Plant biology. Crown and canopy development. Crop specific training systems. Pruning techniques.

- 210 Nursery Management**
Fall. 3(2-3) RB: (HRT 203 and HRT 203L and HRT 204 and HRT 204L) R: Not open to freshmen or sophomores. SA: HRT 071, HRT 310

Management of field and container grown nursery operations. Site selection and development, financing, legal restrictions, production practices, nutrition, irrigation, weed and pest control, modification of plant growth, storage, shipping, and marketing. Field trip required.

- 211 Landscape Plants I**
Fall. 3(2-3)

Identification, adaptation, and evaluation of shade trees, narrow-leaved evergreens, shrubs, woody vines, herbs, ornamental grasses, and herbaceous perennials.

- 212 Landscape Plants II**
Fall, Spring. 3(2-3)

Identification, adaptation, and evaluation of flowering trees and shrubs, broad-leaved evergreens, herbaceous vines, ground covers, bulbs, wildflowers, ferns, and aquatic plants.

- 213 Landscape Maintenance**
Fall. 2(2-0) R: Open only to students in the Institute of Agricultural Technology.

Ornamental plant management. Plant growth and development related to pruning, fertilization, irrigation, weed control, transplanting; development of landscape management specifications; integrated plant management and plant health care programs.

- 213L Landscape Maintenance Field Laboratory**
Fall. 1(0-2) P:M: (HRT 213 or concurrently) R: Open only to students in the Institute of Agricultural Technology.

Landscape maintenance. Site analysis. Pruning woody plants, transplanting by hand and mechanical tree spade, and planting techniques for ornamentals. Herbaceous perennial care, cutting back, dividing. Scouting as a component of integrated pest management and plant health care programs.

- 214 Landscape and Turfgrass Business Operations**
Spring. 2(3-0) R: Open only to students in the Institute of Agricultural Technology. SA: AT 082 Not open to students with credit in AT 082.

Organizing, marketing, and directing a business enterprise within the turf and landscape industry. Project estimating, bidding, payroll, equipment, and accounting. Offered first ten weeks of semester.

- 215 Landscape Industries Seminar**
Fall. 1(0-2) RB: Interest or experience in the 'green industries'. R: Open only to students in the Institute of Agricultural Technology. SA: HRT 064 Not open to students with credit in HRT 207 or HRT 064.

Landscape, nursery and related 'green industry' firms. Career opportunities. Horticulture operations, products, services and marketing practices. Personal and professional development.