

- 860. Anthropological Theory**
Fall of odd-numbered years. 4(4-0)
Approval of department.
Development of contemporary anthropological theory from 18th and 19th century foundations. Major paradigms in current anthropology, emphasizing critical issues and problems in theory.
- 861. Religion and Ritual**
Winter of even-numbered years. 3(3-0)
Approval of department.
Anthropological theories and crosscultural analyses of the significance of religion and ritual and patterns of their variation among world cultures.
- 862. Theories of Sociocultural Change**
Winter of even-numbered years. 3(3-0)
Approval of department.
Anthropological theories concerning change in sociocultural systems and relationships. Major theorists in sociocultural change and the development of theory. Methods of analysis and their applications.
- 863. Class and Ethnicity in Social Differentiation**
Spring of odd-numbered years. 4(4-0)
Approval of department.
Anthropological theories on nature and sources of social differentiation and inequalities within cultures and ethnic communities. Class and ethnic identity in their cultural contexts.
- 864. Gender, Age and Social Differentiation**
Fall of odd-numbered years. 4(4-0)
Approval of department.
Anthropological theories on nature and sources of social differentiation and inequality within cultures and ethnic communities, emphasizing gender and age distinctions in their cultural contexts.
- 865. Cultural Ecology**
Spring of even-numbered years. 4(4-0)
Approval of department.
Relationship of human populations to their ecosystems; comparative analysis of roles of technology and culture in mediating environmental adaptation; processes of change; case studies of technologically induced sociocultural change.
- 869. Social Impact Analysis and International Development**
Spring of odd-numbered years. 4(4-0)
Approval of department. Interdepartmental with the Department of Sociology.
Evaluation of development programs and assessment of their sociocultural impacts on Third World rural populations. Methods of impact analysis. Anthropological theories of change and development.
- 872. Seminar in Special Subject Fields (MTC)**
Fall, Winter, Spring, Summer. 2 to 6 credits. May reenroll for a maximum of 24 credits when new fields are offered. Approval of department.
Special fields of study will include any area of anthropology selected.
- 874. Seminar in Economic Anthropology**
Winter of odd-numbered years. 4(4-0)
ANP 474 or approval of instructor.
Issues, problems, theories and current research in anthropological analyses of nonindustrial economies and their relationship to rest of culture. Emphasizes primitive, peasant cultures before and since emergence of capitalism.

- 875. Individual Research Projects**
Fall, Winter, Spring, Summer. 1 to 12 credits. May reenroll for a maximum of 24 credits with approval of department. Approval of department.
- 880. Individual Readings**
Fall, Winter, Spring, Summer. 1 to 12 credits. May reenroll for a maximum of 24 credits with approval of department. Approval of department.
- 899. Master's Thesis Research**
Fall, Winter, Spring, Summer. Variable credit. Approval of department.
- 999. Doctoral Dissertation Research**
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

ARABIC

See Linguistics and Germanic, Slavic, Asian and African Languages.

ART

College of Arts and Letters

History of Art H A

- 205. Purposes of Art (A)**
Fall, Winter, Spring. 3(3-0) Not open to majors.
Individual paintings, sculptures, and architectural works examined intensively for their reflections of cultural life, especially in the Western World, as well as for their formal and stylistic qualities.
- 206. History of Western Art: The Ancient World (A)**
Fall, Winter, Spring. 4(4-0)
The art and architecture of the ancient world and their significance as a vehicle of expression of changing values in the cultural milieu discussed.
- 207. History of Western Art: The Middle Ages and the Renaissance (A)**
Fall, Winter, Spring. 4(4-0)
Changes in style and concept in art and architecture, and the significance of these changes in the cultural and social life of the Medieval and Renaissance periods.
- 208. History of Western Art: The Baroque to the Present (A)**
Fall, Winter, Spring. 4(4-0)
The nature and significance of art in the modern period as an extension of church and state, as an expression of revolution, and as a symbol of individualism.
- 304. Greek Art and Archaeology**
Winter of odd-numbered years. 4(4-0)
H A 206 or approval of department.
The history of painting, sculpture, and architecture of Ancient Greece from the Bronze Age through the Hellenistic period. The history of archaeological excavations of selected sites.
- 305. Roman Art and Archaeology**
Spring of odd-numbered years. 4(4-0)
H A 206 or approval of department.
The history of painting, sculpture and architecture of Ancient Rome from the Republic through the 4th century. The history of archaeological excavations of selected sites.
- 330. Baroque Art**
Fall of odd-numbered years. 3(3-0)
H A 208 or approval of department.
Painting, sculpture, and architecture circa 1600 to circa 1750, with emphasis on Bernini, Rubens, Rembrandt, Velazquez, and Poussin, and their significance in the social and cultural life of their times.
- 350. Women in Modern Art**
Fall, Winter of odd-numbered years. 3(3-0)
H A 208 recommended.
Contributions of selected European and American women artists and architects active since the late nineteenth century: analysis of their oeuvres and their changing relationships to mainstream artistic/critical developments.
- 406. Ancient Painting**
Spring of odd-numbered years. 4(4-0)
H A 206 or approval of department.
Ancient Greek and Roman painting, including Minoan Crete. Special emphasis is placed on Archaic and Classical Greek painting on pottery and on Roman wall painting from Pompeii and elsewhere.
- 407. Ancient Sculpture**
Fall of odd-numbered years. 4(4-0)
H A 206 or approval of department.
The sculpture of Ancient Greece and Rome, from the Bronze Age through Early Christian times.
- 408. Ancient Architecture**
Spring of even-numbered years. 4(4-0)
H A 206 or approval of department.
The architecture of Ancient Greece and Rome, from Mycenaean times to the 6th century A.D., with special emphasis on the religious architecture of Classical Greece and Imperial Rome.
- 410. Early Christian and Byzantine Art**
Fall of even-numbered years. 4(4-0)
H A 206 or approval of department.
Development of Christian art and architecture from the third through eighth centuries in the west, and through the Macedonian Renaissance in the east.
- 411. Carolingian, Ottonian, and Romanesque Art**
Fall of odd-numbered years. 4(4-0)
H A 207 or approval of department.
The history of architecture, painting, and sculpture in the west from the time of Charlemagne through the Ottonian Empire and the great Romanesque churches of the 11th and 12th centuries.
- 412. Gothic Art**
Spring of odd-numbered years. 4(4-0)
H A 207 or approval of department.
Development of the great French cathedrals of the 12th and 13th centuries, including their sculpture, stained glass, and decorations, as well as their influence in other countries.
- 420. Italian Renaissance Architecture**
Fall of odd-numbered years. 4(4-0)
H A 207 or approval of department.
Visions and realities of architecture seen in relation to the social and cultural life of the 15th and 16th centuries.

**Description — Art
of
Courses**

- 421. Italian Renaissance Sculpture**
Fall of even-numbered years. 4(4-0)
H A 207 or approval of department.
Major artists from circa 1250 to 1600.
- 422. Italian Renaissance Painting—Fifteenth Century**
Winter of odd-numbered years. 4(4-0)
H A 207 or approval of department.
Developments in Italian painting, especially Florentine, of the 14th and 15th centuries, with emphasis on 15th century masters such as Masaccio, Piero della Francesca and Botticelli.
- 423. Italian Renaissance Painting—Sixteenth Century**
Spring of odd-numbered years. 4(4-0)
H A 207 or approval of department.
Emphasis on Leonardo, Michelangelo, Raphael, Titian, Tintoretto, and other important masters of the High and Late Renaissance.
- 425. The Age of Michelangelo**
Spring of even-numbered years. 4(4-0)
H A 207 or approval of department. *Interdepartmental with Italian and the Department of History.*
Art, society, and literature in the Italian Renaissance, focussing on the art and poetry of Michelangelo as expressions of the events and concerns of his time.
- 427. Northern Renaissance Painting**
Winter. 4(4-0) H A 207 or approval of department.
Fifteenth and early 16th century painting of the Netherlands, Germany, and France with emphasis on the works of Robert Campin, Jan Van Eyck, Rogier van der Weyden, Hieronymus Bosch and Albrecht Durer.
- 440. Modern Architecture**
Spring of odd-numbered years. 4(4-0)
H A 208 or approval of department.
Technological, stylistic and intellectual developments in European and American architectural design since 1850: Eclecticism, the Chicago School, the International style, and Post-Modernism.
- 442. Modern Sculpture**
Winter of even-numbered years. 4(4-0)
H A 208 or approval of department.
European and American sculpture from the late nineteenth century to the present: Rodin and his contemporaries, Expressionism, Cubism, and Vitalism; Constructivism, Surrealism and their influence; Assemblage, Minimalism, and Process Art.
- 445. Neo-Classicism and Romanticism**
Fall. 4(4-0) H A 208 or approval of department.
European painting from 1760 to 1848; the rise of a new morality in painting and subsequent diverse evocations of the Romantics: David, Goya, Turner, Delacroix, and others.
- 446. Realism and Impressionism**
Winter. 4(4-0) H A 208 or approval of department.
Realism in European painting as exemplified by Courbet, Manet, and the English Pre-Raphaelites and the Impressionism of Monet, Degas, Renoir and others.
- 447. Post-Impressionism and Symbolism**
Spring. 4(4-0) H A 208 or approval of department.
European painting of the late nineteenth century including such artists as van Gogh, Gauguin, Cezanne, Munch and Klimt.
- 450. Twentieth Century Painting**
Fall. 4(4-0) H A 208 or approval of department.
Emergence of European abstraction before 1945: Cubism, Expressionism, Surrealism, and the School of Paris. American and European developments since 1945: Abstract Expressionism, Pop Art, Minimalism, Super-Realism, and Neo-Expressionism.
- 451. Post 1945 Art**
Winter of odd-numbered years. 4(4-0)
H A 208; H A 440, H A 442, or H A 450 recommended.
Intensive study of American and European art from 1945 to the present with special emphasis on painting and sculpture: the New York School to conceptualism.
- 460. Seventeenth and Eighteenth Century American Art**
Fall. 3(3-0)
Architecture, painting, and sculpture from colonial times to 1800; interaction with European art; the Colonial, Georgian, and Federal styles; Smibert, Harrison, Copley, and West as key figures.
- 463. Nineteenth Century American Painting**
Winter of odd-numbered years. 3(3-0)
Romantic tendencies in Allston and Cole; the landscape tradition in Cole, Doughty, and Durand; the Luminist tradition of Kensett, Heade, and Lane; persistence of realism in Homer and Eakins.
- 464. Nineteenth Century American Architecture and Sculpture**
Winter of even-numbered years. 3(3-0)
American architecture from Jefferson to the early works of Wright; revival of styles in architecture; impact of Sullivan and the Chicago School; changing patterns in sculpture from Powers to Saint-Gaudens.
- 465. Twentieth Century American Art**
Spring. 3(3-0)
Revolutionary aspects in the architecture of Wright and in paintings of the Ash Can School; the impact of the Armory Show; Regionalism and Urbanism; Pollock and Abstract Expressionism; recent directions.
- 471. Art of China**
Winter of even-numbered years. 3(3-0)
Bronzes and Buddhist sculpture; landscape paintings of the Sung and Yuan; individualistic tendencies; 20th century Chinese art against the background of traditional Chinese art.
- 473. Art of Japan: Pre-Buddhist to the Momoyama Period**
Winter of odd-numbered years. 3(3-0)
Jomon and Yayoi sculpture; the Japanese tradition in Buddhist temples and sculpture; the Yamato-e tradition in paintings; the interaction of Chinese and Japanese traditions.
- 474. Art of Japan: Momoyama to the Present**
Spring. 3(3-0)
Arrival of Christianity and Western art; Namban art; Kano School; decorative screens of Korin; Ukiyo-e paintings and prints; interaction between Japanese and Western art in the Meiji and post-Meiji period.
- 480. Historic Preservation**
Fall of odd-numbered years. 3(3-0)
Juniors.
History and philosophy of historic preservation; the new attitude towards preservation—historic districts and neighborhoods—adaptive use, documentation and tools for preservation; a project based on field research.
- 481. Historic Preservation Planning**
Fall of even-numbered years. 3(3-0)
Juniors.
Overview and analysis of the role of historic preservation in the urban planning process. Focus upon current and emerging techniques, programs, and approaches needed to create effective preservation efforts.
- 484. History of Prints**
Spring of even-numbered years. 4(4-0)
History and appreciation of engraving, etching, lithography and woodcuts. Durer, Rembrandt, Goya, Daumier and contemporary printmakers. Prints and book illustrations as source material.
- 485. Special Problems**
Fall, Winter, Spring, Summer. 1 to 3 credits. May reenroll for a maximum of 5 credits. Contract from department required prior to registration.
Selected problems in history of art for individual study.
- 800. Seminar in Ancient Art**
Fall. 4 credits.
An intensive investigation of a topic in the history of ancient painting, sculpture, or architecture.
- 810. Seminar in Medieval Art**
Spring. 4 credits.
An intensive investigation of Early Christian or Byzantine or Medieval art and architecture.
- 820. Seminar in Italian Renaissance Art**
Fall. 4 credits.
An intensive investigation of a topic in the history of Italian painting or sculpture or architecture in the 15th and 16th centuries.
- 840. Seminar in Nineteenth-Century Art**
Winter. 4 credits.
An intensive investigation of a topic in the history of 19th century painting, sculpture or architecture.
- 850. Seminar in Twentieth-Century Art**
Spring. 4(4-0) At least one course in twentieth century art history or approval of instructor.
An intensive investigation of a topic in the history of 20th century painting, sculpture or architecture.
- 875. Methods and Approaches in Art History**
Winter. 4(4-0) Reading knowledge of French or German recommended.
History of scholarship and an investigation of particular techniques and challenges of research in the various specialties of art history and archaeology.
- 885. Problems in History of Art**
Fall, Winter, Spring, Summer. 1 to 3 credits. May reenroll for a maximum of 8 credits. Contract from department required prior to registration.
Selected graduate problems in history of art for individual study.

899. Master's Thesis Research

Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 12 credits. Approval of department.

Studio Art

STA

101. How to Look at Art (A)

Fall, Winter, Spring, 4(3-2)

Ways of looking at art of any period, but particularly modern art. Slide lectures, reading and studio exercises showing how artists relate their work to socio-intellectual developments of their time.

141. Drawing

Fall, Winter, Spring, Summer, 4(0-8)

Drawing in a variety of forms as an essential discipline, a means of expression, a preparation for and adjunct to the other arts.

142. Color

Fall, Winter, Spring, Summer, 4(0-8)

Color theories additive and subtractive; pigment and light as applied to the problems of the artist.

143. Three-Dimensional Form

Fall, Winter, Spring, Summer, 4(0-8)

Experimentations with volume through manipulation of mass, plane and line in a wide range of materials and techniques.

200. Photography

Fall, Winter, Spring, Summer, 3(2-2)

History of photography and basic technology of photography combined with darkroom experience in black and white processing. Equipment and fundamental problems are investigated. Students are required to furnish cameras and all materials.

228. Sculpture

Fall, Winter, Spring, Summer, 4(1-8)

STA 143.

Exploration of the physical characteristics and possibilities of clay within the limitation of the figure. Earthenware ceramic sculpture with plaster, cement, and latex casting.

231. Graphic Design

Fall, Winter, Spring, Summer, 4(0-10)

Letterforms leading to the understanding of written and printed letters; the traditional methods by which they are produced and their relation to modern typography.

239. Design Communications

Winter, Spring, 4(0-8) STA 241, STA 242, MMM 160.

Communication of design concepts through visual means. The use of various methods, materials and techniques in current professional use to express the conceptual, developmental and final stages of the design process.

240. Ceramics

Fall, Winter, Spring, Summer, 4(0-10) STA 143.

An exploration of form mainly from the standpoint of the enclosed volume. The complete process from the preparation of clay bodies to the glazed and fired piece. Limited to earthenware.

241. Life Drawing

Fall, Winter, Spring, 2(0-4) STA 141.

An introduction to drawing the human figure; the perception of the figure as a natural form.

242. Life Drawing

Fall, Winter, Spring, 2(0-4) STA 241.

A continuation of STA 241; emphasis upon the use of the figure within a spatial organization.

243. Life Drawing

Spring, 2(1-2) STA 242.

Increased consideration of the figure as an element in space; media awareness, the manipulation of color in drawing.

245. Design

Fall, Winter, Spring, 4(0-8) STA 141.

Use of basic design elements in two and three dimensions. Study of the appropriateness of forms to various media. Introduction to applied design procedures and processes.

247. Printmaking

Fall, Winter, Spring, 4(1-8) STA 141, STA 142.

Theory, logic, and practice of printmaking, focusing on relief prints, including additive methods, linocut, and woodcut. Fundamentals of sharpening and cutting with tools, hand and press printing.

249. Metalsmithing

Fall, Winter, Spring, 4(1-8) STA 141, STA 142, STA 143.

Basic processes of forming, joining, finishing, and embellishing metals to make small objects or jewelry.

255. Beginning Painting

Fall, Winter, Spring, 4(1-8) STA 141, STA 142.

Introduction to painting, materials and methods; class discussion and studio work in either oil or acrylic paint.

300. Still Photography I

Winter, Spring, 5(1-8) STA 200, approval of department.

Control of the photographic medium and production of fine prints with investigations into light as form-giver, modifier and reducer; study of specific subjects as design and as information.

301. Applied Photography

Fall, 3(1-4)

Photography in the reproduction of such two-dimensional materials as art work and charts; three-dimensional art, products and architecture; methods of presentation with emphasis on slide and book forms.

302. Art in Special Education

Fall, Winter, Spring, 4(1-8) T E 200.

Art and the teacher as related to special education. Experience with materials and techniques as well as critical examination of the creative/expressive processes for handicapped children.

303. Resources and Materials for Art Education I

Fall, Winter, Spring, Summer, 4(1-9) T E 200; 24 credits in studio art.

Concepts, processes and materials as they apply to art teaching situations.

305. Serigraphy

Fall, Winter, Spring, Summer, 4(0-8) Junior major or approval of instructor.

Silk screen as a fine print medium. Basic techniques as a means toward expressive development.

306. Lithography

Fall, Winter, Spring, 3(0-6) Junior major or approval of instructor.

Techniques of the medium, preparing the stone, etching, printing, the use of tusche, wash, rubbing.

307. Etching

Fall, Winter, Spring, Summer, 5(1-8) Junior major or approval of instructor.

Techniques of straight etching, soft ground and aquatint.

310. Art for Elementary Teachers

Fall, Winter, Spring, Summer, 4(1-8) T E 200 or T E 200A or T E 200B or T E 200C or T E 200D; approval of department. Not open to Freshmen or Art majors.

Understanding the creative art experiences of children. Studio work in materials suitable for grade school use. Reading and discussions relating children's growth and development and their art experiences.

320. Resources and Materials of Art in Education II

Fall, Winter, Spring, Summer, 4(0-8) STA 303.

Art teaching. Learning experiences with children and youth.

324. Graphic Design

Fall, Winter, Spring, Summer, 5(0-10) May reenroll for a maximum of 15 credits. STA 231.

Visual communication involving the complete range of specialized materials, methods and processes leading to an understanding of the unique limitations of graphic design.

328A. Sculpture

Fall, Spring, 5(1-8) May reenroll for a maximum of 10 credits. Junior majors or approval of instructor.

Continuation of STA 228 - becoming more non-objective in content. Techniques in bronze casting, latex moulds, wax construction and welding.

340. Intermediate Drawing

Fall, Winter, Spring, Summer, 5(1-8) STA 242.

Problems in drawing as an end in itself, stressing experimentations with form and materials with emphasis on the human figure.

341. Ceramics

Fall, Winter, Spring, Summer, 5(0-10) on campus or 3(0-6) off campus. May reenroll for a maximum of 6 credits off campus. Junior majors, STA 240, STA 241, approval of department.

Creating and executing designs in clay for pottery and other compositions. Making glazes, stacking and firing a kiln.

345A. Product Design I

Fall, 3(0-6) STA 231, STA 239, STA 245.

Product Design from the functional and aesthetic point of view. Design projects are based on personal use and anthropometric measurement. Solutions will be based on simple tools, processes and materials. Sketches, study mock-ups and models.

345B. Product Design II

Winter, 3(0-6) STA 345A.

Product design based on general user behavior and average anthropometric measurements. Solutions will be based on basic manufacturing processes using stock components. Sketches, mock-ups, and models.

**Description — Art
of
Courses**

345C. Product Design III

Spring. 3(0-6) STA 345B.

Product design based on product function, anthropometric analysis and the psychological aspects of user behavior. Solutions based on mass production techniques and materials. Reports, sketches, mock-ups and models.

349. Metalsmithing

Winter, Spring. 3(0-6) STA 249.

Problems in casting of metals, cutting, polishing and setting of stones.

353. Composition and Painting

Summer. 3 to 6 credits. Approval of department. 24 or 36 hours per week in class; additional hours arranged. Course given at Leelanau Summer Art School, Leland, Michigan.

Composition practice, analysis and painting technique. Still life, figure, and landscape.

355. Figure Painting

Fall, Winter. 2(0-4) May reenroll for a maximum of 4 credits. STA 242, STA 255.

The problems of expression based upon the human figure; class discussion and studio work in oil or acrylic paint.

356. Landscape/Still-Life Painting

Fall, Spring. 2(0-4) May reenroll for a maximum of 4 credits. STA 242, STA 255.

The problems of expression based on landscape and still-life painting; class discussion and studio work in oil or acrylic paint.

357. Non-Objective Painting

Winter, Spring. 2(0-4) May reenroll for a maximum of 4 credits. STA 242, STA 255.

The problems of expression based on non-objective painting; class discussion and studio work in a variety of media.

400H. Honors Work

Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 6 credits. Contract from department required prior to registration.

Advanced work developed from special interest areas.

401. Still Photography Workshop

Fall, Winter, Spring, Summer. 3 to 5 credits. May reenroll for a maximum of 30 credits. STA 300, approval of department.

The formation of technically controlled personal statements. Current trends and problems in photography. Advanced traditional and nonsilver techniques.

405. Advanced Serigraphy

Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 18 credits. STA 305, approval of department.

Continuation of STA 305 for superior students with a demonstrated potential for advanced independent study.

406. Advanced Lithography

Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 18 credits. STA 306, approval of department.

Continuation of STA 306 for superior students with a demonstrated potential for advanced independent study.

407. Advanced Etching

Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 18 credits. STA 307, approval of department.

Continuation of STA 307 for superior students with a demonstrated potential for advanced independent study.

409. Handmade Paper

Fall, Summer. 4(0-8) May reenroll for a maximum of 8 credits. Juniors, Art major.

Handmade paper as an art form. Basic techniques including lamination, layering, folding, and incising.

421. Art for Classroom Teachers

Summer. 3(1-4) Certified classroom teachers.

Studio work, reading and discussion relating children's art experiences to their growth and development. Outside assignments required.

424A. Advanced Graphic Design

Fall. 5 to 10 credits. May reenroll for credit. Seniors; STA 324; approval of department.

Design and production of a book. Advanced group problems.

424B. Advanced Graphic Design

Winter. 5 to 10 credits. STA 424A.

Advanced problem solving involving existing media of graphic expression. Study of graphic equivalents of literal images and ideas in the creation of posters, trademarks and magazine and book covers.

424C. Advanced Graphic Design

Spring. 5(0-10) to 10(0-20) STA 424B.

Senior thesis based on design research required as a special project. Will use all studio facilities; campus resources.

428. Advanced Sculpture

Fall, Winter, Spring, Summer. 3 to 6 credits. May reenroll for a maximum of 35 credits. STA 328A and STA 328B.

Continuation of STA 328A and STA 328B with augmented opportunities for independent development and additional techniques.

430. Advanced Drawing

Winter, Spring. 3 to 5 credits. May reenroll for a maximum of 15 credits. STA 340.

Experimental approaches to drawing employing the widest range of materials, techniques and concepts. Functions of drawing going beyond descriptive analysis will be viewed in the context of visual, nonvisual and conceptual phenomena.

431. Advanced Ceramics

Fall, Winter, Spring, Summer. 5 to 10 credits on campus or 3(0-6) off campus. May reenroll for a maximum of 35 credits. STA 341.

Continuation of STA 341 with increased opportunity for supervised individual study.

433. Advanced Composition and Painting

Summer. 3 to 6 credits. May reenroll for credit. STA 353, STA 355 or approval of department.

Continuation of STA 353 or STA 355 with increased opportunity for supervised independent development.

440. Special Problems

Fall, Winter, Spring, Summer. 2 to 5 credits. May reenroll for a maximum of 5 credits. Contract from department required prior to registration.

Advanced work developed from special interest areas.

445A. Advanced Product Design I

Fall. 3(0-6) STA 345C.

Product design research, analysis and development using systematic design methods. Advanced problems requiring sophisticated product solutions. Reports, sketches, mock-ups and models.

445B. Advanced Product Design II

Winter. 3(0-6) STA 445A.

Concepts of product systems research, planning and analysis. Students will identify, develop and research individual thesis project involving systems concepts. Reports and sketches.

445C. Advanced Product Design III

Spring. 5(1-8) STA 445B.

Product design thesis. Design and development of a product system using data developed in STA 444B. Design solution will be presented in the form of a one-person exhibition.

446. Product Design Workshop

Fall, Winter, Spring. 2(0-4) May reenroll for a maximum of 12 credits if different topic is taken. STA 231, STA 239, STA 245. A Product Design or an Advanced Product Design course concurrently.

Intense investigation of one product or product type such as furniture design, toy design, and package design. Workshop subject will change every term and will be announced prior to early registration. Students will investigate design principles, user behavior, materials, processes and trends of the workshop subject.

447. Industrial Design Internship

Fall, Winter, Spring, Summer. 5 to 15 credits. May reenroll for a maximum of 15 credits. Approval of department.

An off-campus field study program in Industrial Design. Students will gain pre-career experience by working in a design environment under the supervision of a professional Industrial Designer.

449. Advanced Metalsmithing

Fall, Winter, Spring. 2 to 6 credits. May reenroll for a maximum of 35 credits. STA 249, STA 349 or approval of department.

Hollow form emphasized. Smithing including raising, forging, and Masonite die. Additional specialized techniques such as resins, enamels, electro forming, and tool making. Individual development emphasized.

450W. Art Workshop

Summer. 1 to 6 credits. May reenroll for a maximum of 15 credits. Approval of department.

Specific sessions of short duration (one to three weeks) permitting a concentrated experience in one area of interest within the general studio spectrum.

455. Advanced Painting

(STA 435.) Fall, Winter, Spring. 3 to 5 credits. May reenroll for a maximum of 15 credits. STA 355, STA 356, STA 357 plus 2 additional credits in STA 355 or STA 356 or STA 357.

Advanced work with increased supervised independent study opportunities.

461. Selected Topics-Ceramics

Fall, Winter, Spring, Summer. 3(0-6) May reenroll for a maximum of 6 credits. Juniors; at least 8 credits in STA courses at the 300 or 400 level.

Issues of technique, style, and content in ceramics.

462. Selected Topics-Product Design

Fall, Winter, Spring, Summer. 3(0-6) May reenroll for a maximum of 6 credits. Juniors; at least 8 credits in STA courses at the 300 or 400 level.

Issues of technique, style, and content in product design.

ARTS AND LETTERS A L

College of Arts and Letters

463. Selected Topics-Painting
Fall, Winter, Spring, Summer. 3(0-6)
May reenroll for a maximum of 6 credits. Juniors; at least 8 credits in STA courses at the 300 or 400 level.

Issues of technique, style, and content in painting.

464. Selected Topics-Photography
Fall, Winter, Spring, Summer. 3(0-6)
May reenroll for a maximum of 6 credits. Juniors; at least 8 credits in STA courses at the 300 or 400 level.

Issues of technique, style, and content in photography.

465. Selected Topics-Printmaking
Fall, Winter, Spring, Summer. 3(0-6)
May reenroll for a maximum of 6 credits. Juniors; at least 8 credits in STA courses at the 300 or 400 level.

Issues of technique, style, and content in printmaking.

800. Studio Problems
Fall, Winter, Spring, Summer. 1 to 12 credits. May reenroll for a maximum of 24 credits.

Studio problems in drawing, painting, printmaking, graphic design, industrial design, interior design, advertising design, sculpture-carving, sculpture-direct metal, ceramics.

801. Painting
Fall, Winter, Spring, Summer. 3 to 12 credits.

Advanced work in a variety of painting media with strong emphasis on independent development.

802. Drawing
Fall, Winter, Spring, Summer. 3 to 12 credits.

Advanced work in drawing employing a variety of media and calculated to contribute to development in related areas of art practice.

803. Sculpture
Fall, Winter, Spring, Summer. 3 to 12 credits.

Advanced work in a variety of three dimensional media with strong emphasis on individual development.

804. Ceramics
Fall, Winter, Spring, Summer. 3 to 12 credits.

Advanced work in pottery involving a variety of experiences and leading to independent development.

806. Graphic Design
Fall, Winter, Spring, Summer. 3 to 12 credits.

Advanced work in all phases of the area of graphic design leading to independent development.

809. Etching
Fall, Winter, Spring, Summer. 3 to 12 credits.

Work in etching leading to expressive independent development.

810. Lithography
Fall, Winter, Spring, Summer. 3 to 12 credits.

Work in lithographic techniques leading to expressive independent development.

816. Issues in Contemporary Art
Fall. 3(3-0) Graduate students or approval of instructor.

Impact of technology, new media, exploitation and exhaustion of current styles, new sources of patronage, political control; implications of art systems replacing object art explored in seminars with staff.

820. Problems in Art Education
Fall, Winter, Spring, Summer. 1 to 5 credits. May reenroll for a maximum of 10 credits. Contract from department required prior to registration.

821. Art Instructional Media Laboratory I—Multi-Media
Fall, Winter, Spring, Summer. 4(1-9)
May reenroll for a maximum of 8 credits. Approval of department.

Investigation of multi-media techniques as media of artistic expression and communication for application to art education or related fields.

822. Art Instructional Media Laboratory II—Television
Fall, Winter, Spring, Summer. 4(1-9)
May reenroll for a maximum of 8 credits. Approval of department. Interdepartmental with the Department of Telecommunication.

Analysis of teaching video tapes and television programs in art. Utilization of television as a medium of artistic expression and communication for application to art education or related fields.

825. Seminar in Art Education
Fall, Winter, Spring, Summer. 2 to 4 credits. May reenroll for a maximum of 8 credits. Approval of department.

Examination and discussion of contemporary thought in the field of art education. Current problems examined within an interdisciplinary framework.

826. Critical Theory and Aesthetic Experience in Art Education
Fall, Winter, Spring, Summer. 3(3-0)
May reenroll for a maximum of 9 credits if different topics are taken. Approval of department.

Theories of art criticism and aesthetic experience. Organization of these concepts for application to art education programs or related fields.

827. Curriculum Design for Art Education
Fall, Winter, Spring, Summer. 3(3-0)

May reenroll for a maximum of 9 credits if different topics are taken. Approval of department. Factors affecting art curriculum; analysis, preparation and evaluation.

828. Research Methods for Art Education
Fall, Winter, Spring, Summer. 3(3-0)
May reenroll for a maximum of 9 credits if different topics are taken. Approval of department.

Orientation to research; designs and methodologies applicable to the study of problems in art education.

840. Teaching Seminar—Studio Art
Fall, Winter, Spring, Summer. 1 to 3 credits. May reenroll for a maximum of 6 credits. Approval of department.

Supervised teaching of departmental courses in Studio Art.

899. Master's Thesis Research
Fall, Winter, Spring. Variable credit.
May reenroll for a maximum of 12 credits. Approval of department.

201. Introduction to Women's Studies: Women's Consciousness

(IDC 233.) Winter, Spring. 4(4-0)
Interdepartmental with the College of Social Science and Women's Studies Program. Administered by Women's Studies Program.

Development of women's consciousness in various historical, cross-cultural and scientific contexts. Contexts basic to feminist thought are clarified. Critique of sexism in traditional scholarship.

210. Film: An Introduction
Fall, Winter, Spring. 4(2-4)

An interdisciplinary examination of film, to enhance the student's knowledge and appreciation of the film experience by focusing on theory, practice, history, social meaning, and criticism.

232. American Humor
Winter. 4(4-0) Sophomores.

An interdisciplinary study of the relationship between American humor and the developing American experience, especially of the nineteenth and twentieth centuries.

300. Special Topics in Women's Studies

Spring of even-numbered years. 3(3-0) or 4(4-0) May reenroll for a maximum of 8 credits if different topic is taken. Sophomores, W S 201 or approval of instructor. Interdepartmental with the College of Social Science and Women's Studies Program. Administered by Women's Studies Program.

Special topic emphasizing women and/or gender.

301. The Silent Film
Fall of odd-numbered years. 3(2-2)
Sophomores.

History of silent film; major films, directors, movements, trends.

303. Contemporary Cinema
Spring of even-numbered years. 3(2-2)
Sophomores.

History of world cinema since 1960; major films, directors, movements, trends.

305. Women's Studies Internship
Fall, Winter, Spring, Summer. 2 to 4 credits. May reenroll for a maximum of 4 credits. Six credits of women's studies courses, approval of Women's Studies Program. Interdepartmental with the College of Social Science and Women's Studies Program. Administered by Women's Studies Program.

Integration of feminist knowledge through work experience in legislative, community or educational settings.

310. American Film and Society (MTC)
Fall, Winter, Spring. 4(2-4) May reenroll for a maximum of 8 credits if different topic is taken. Sophomores.

American films as they reflect and influence society.

311. Great Cities, Arts, and Ideas: The Western Classical Age (A)
Fall. 4(4-0) Sophomores.

The humanities in an urban culture during the Western classical age. Major ideas and works of art and literature, their significance in the city's life, and their continuing influence. Cities will be Athens or Rome.