481. Cross-Cultural Relations in the Modern World
Winter of even-numbered years. 4(4-0) ANP 473. Interdepartmental with the Department of Sociology. Relationship of native peoples to world-wide forces and reactions of native peoples to world struggle for power. Problems involved in administration of programs for non-Western societies.

485. Methods of Archaeological Research
Spring. 4(3-1) ANP 450 or approval of department. Methods of doing anthropological research through archaeology. Problem formation, hypothesis development, testing, principles and procedures of data recognition, collection, preliminary laboratory processing and preliminary analysis; preparation for field archaeology.

486. Practicum in Field Archaeology
Summer. 2 to 12 credits. May reenroll for a maximum of 20 credits. Approval of department. Application of methods and techniques of field archaeological research using actual sites and in the context of participation in a research program. Small groups work closely with staff in the execution of research designs.

490. Topics in Anthropology
Fall, Winter, Spring. 2 to 6 credits. May reenroll for a maximum of 20 credits. Approval of department. Experimental courses and courses taught by visiting scholars.

495. Topics in Medical Anthropology
Fall, Winter, Spring. 2 to 4 credits. May reenroll for a maximum of 16 credits. Approval of department. Western and non-Western health care and medical systems, relationships between cultural systems and treatment of illness, cross-cultural analysis of health maintenance and medical delivery.

499. Independent Study
Fall, Winter, Spring. 2 to 15 credits. May reenroll for a maximum of 16 credits. Written approval of instructor and department. Study of a selected topic under the guidance of a faculty adviser in the area of specialty, including field work.

501. Core Seminar in Ethnographic Analysis I
Fall. 4(4-0). Approval of department. Develops professional competence in the analytical assessment of ethnographic studies in social anthropology and examines a selected range of analytical issues in relation to their ethnographic contexts.

502. Core Seminar in Ethnographic Analysis II
Winter. 4(4-0) ANP 801. Continuation of ANP 801.

503. Introduction to Paleoanthropology I
Winter. 4(4-0). Approval of department. Exploration of evolutionary theory followed by an examination of data and modes of analysis pertinent to the study of hominid evolution and the development of culture through the Middle Pleistocene.

504. Introduction to Paleoanthropology II
Spring. 4(4-0) ANP 803. Exploration of hominid evolution and cultural development from the Middle Pleistocene through the Early Holocene. Emphasis on selected topics illustrating the ways in which paleoanthropologists solve problems.

505. History of Anthropological Theory
Fall. 3(3-0). ANP 802, ANP 804 or approval of department. A review of the various schools of thought, important personalities, and principal concepts that have contributed to the development of anthropological theory.

525. Seminar in Cross-Cultural Relations
Winter of odd-numbered years. 4(4-0). Approval of department. Interdepartmental with the Department of Sociology. Analysis of the relations between superordinate and subordinate societies and between coordinate societies and cross-cultural exchange programs.

527. Anthropological Theorists
Winter. 4(4-0) May reenroll for credit with approval of department. Approval of department. Review of current theoretical problems in social and cultural anthropology.

530. Kinship Studies
Winter of odd-numbered years. 4(4-0). Approval of department. The course will raise the question of why kinship is and why it has been such a central topic in anthropology. Various controversies and theoretical trends will be presented and analyzed.

531. Linguistic Anthropology
Winter. 3(3-0). Approval of department. The nature of language; techniques for the description and comparison of languages; linguistics as an anthropological tool; language and culture.

533. Anthropological Topics in Prehistory
Spring. 4(4-0) May reenroll for a maximum of 12 credits when other problems are offered. Approval of department. Relation of archaeology to the other fields of anthropology on both a theoretical and practical level. Archaeological data are used to introduce problems of long-range cultural change and development.

535. Human Osteology and Osteometry
Spring of even-numbered years. 5(3-4). Approval of department. Identification of human bones and fragments; aging, sexing and determining the race of skeletal remains; measuring techniques for cranial and postcranial remains, the more common forms of paleopathology.

5DC. Interdisciplinary Seminar on Africa
For course description, see Interdisciplinary Courses.

580. Archaeological Methods and Techniques
Winter. 4(4-0). Approval of department. Seminar outlining archaeological method and the role of technique in the strategy of archaeology. Techniques and problems of information retrieval will be emphasized.

585. Methodology of Anthropological Research
Winter. 1 to 12 credits. Approval of department. Seminar in problems of anthropological investigation considered in the framework of history and philosophy of science. Relevance of various field techniques, methods of data gathering and data handling, and strategies of analysis for various problems are treated.

586. Environment, Technology, and Culture
Winter of even-numbered years. 4(4-0). Approval of department. Cultural ecology, study of the relation of man and his physical environment, the role of technology in mediating between the two. Comparative analysis of the interdependence of social organization, technology and environment. Case histories of cultural and social change arising from technological innovations.

590. Applied Anthropology
Spring of odd-numbered years. 4(4-0). Approval of department. Theoretical and methodological problems involved in planned social change. Course will focus on field experience in the local community. Designed mainly for graduate students having professional interest in the application of social change.

592. Seminar in Special Subject Fields
Fall, Winter, Spring. 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 anthropological selection.

597. Individual Research Project
Fall, Winter, Spring. 1 to 12 credits. May reenroll for a maximum of 24 credits with approval of department. Approval of department.

598. Individual Readings
Fall, Winter, Spring. 1 to 12 credits. May reenroll for a maximum of 24 credits with approval of department. Approval of department.

599. Research
Fall, Winter, Spring. Variable credit. Approval of department.

ART

College of Arts and Letters

History of Art

H A

205. Introduction to Art
Fall, Winter, Spring. 3(3-0). Not open to majors.

Painting, sculpture and architecture from the time of the Greeks to the present. Individual weeks of art examined intensively, as regards both their formal qualities and the manner in which they exemplify the shifting patterns of Western culture.
206. History of Western Art  
Fall. 4(4-0)  
Painting, sculpture, architecture and decorative art from prehistoric to modern times. Provides acquaintance with the forms of art typical of each period and indicates the aesthetic qualities which give them artistic significance. Work in first term covers Prehistoric, Egyptian, Mesopotamian, Greek, Roman, Early Christian and Byzantine periods.

207. History of Western Art  
Winter. 4(4-0)  
Continuation of H A 206. Early Medieval, Romanesque, Gothic, Renaissance and Mannerist periods.

208. History of Western Art  
Spring. 4(4-0)  
Continuation of H A 207. Baroque, Rococo, Neoclassic and subsequent periods to contemporary art.

1DC. Introduction to Latin America II  
For course description see Interdisciplinary Courses.

400H. Honors Work  
Fall, Winter, Spring, Summer. 1 to 6 credits. Approval of department.

404. Greek Art and Archaeology  
Winter. 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.

405. Roman Art and Archaeology  
Spring. 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.

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. 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  
Winter 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. 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  
Winter. 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. 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  
Spring. 4(4-0) H A 207 or approval of department.  
Important buildings of the 15th and 16th centuries, architectural theories, and architectural representations in drawings and paintings.

421. Italian Renaissance Sculpture  
Winter. 4(4-0) H A 207 or approval of department.  
Major artists from circa 1250 to 1600.

422. Italian Renaissance Painting—Fifteenth Century  
Fall. 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. 4(4-0) H A 207.  
Emphasis on Leonardo, Michelangelo, Raphael, Titian, Tintoretto, and other important masters of the High and Late Renaissance.

427. Northern Renaissance Painting  
Fall. 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, Hieronymous Bosch, and Albrecht Durer.

430. Seventeenth and Eighteenth Century Art in Italy  
Fall of odd-numbered years. 4(4-0) H A 206 or approval of department.  
Art and architecture of Italy in the 17th and 18th centuries; Caravaggio, the Carracci, Bernini, Borromini, Guarini, Juvarr, Piazzetta, Tiepelo, Piranesi, Guardi.

431. Bruegel and Rubens—Sixteenth and Seventeenth Century Flemish Art  
Fall. 4(4-0) H A 206 or approval of department.  
The paintings of Pieter Bruegel the Elder, Peter Paul Rubens; their major followers, Jan Breughel, Anthony van Dyke and Jacob Jordaens; and others.

433. Seventeenth Century Dutch Art  
Winter of odd-numbered years. Spring of even-numbered years. 4(4-0) H A 206 or approval of department.  
Art and architecture of the Northern Netherlands during "The Golden Age" with emphasis on paintings of Rembrandt, Vermeer, Hals and genre, still-life and landscape specialists.

434. French Art in l'Ancien Régime  
Spring of odd-numbered years. 4(4-0) H A 206 or approval of department.  
French art and architecture from the reign of Louis XIII to the Revolution. Royal patronage at Fontainebleau, Versailles and Paris, the influence of Italy, Flanders and Holland on French artists.

435. Eighteenth Century Art in England and France  
Fall of even-numbered years. 4(4-0) H A 206 or approval of department.  
Art and architecture of England and France during the 18th century, the paintings of Watteau, Chardin, Hogarth, Gainsborough and others, the Rococo style in France and stylistic eclecticism in England.

440. Modern Architecture  
Fall. 4(4-0) H A 206 or approval of department.  
History of modern architecture in Europe and the Americas from its beginnings in the nineteenth century to the present day.

442. Modern Sculpture  
Spring. 4(4-0) H A 206 or approval of department.  
History of sculpture from Rodin and his contemporaries to the present; the changing concepts of naturalism and abstraction.

445. European Painting: 1760-1848  
Fall, Summer. 4(4-0) H A 206 or approval of department.  
The revival and development of Classicism in the late 18th and early 19th centuries and the flowering of Romanticism; a study of the rich complexities of painting in Europe.

446. European Painting: 1848-1907  
Winter. 4(4-0) H A 206 or approval of department.  
Realism in conflict with the established traditions; growth and development of Impressionism, Post Impressionism, Symbolism, and Pre-Raphaelitism.

447. 1900: The Arts of Europe at the Turn of the Century  
Winter. 4(4-0) H A 206.  
European painting, sculpture, architecture and the applied arts at the turn of the century; symbolism, historicism and art nouveau and their contribution to the development of fauvism, expressionism and cubism.

450. Twentieth Century Painting  
Spring. 4(4-0) H A 206 or approval of department.  
A history of painting from 1900 to the present: Cezanne to Super Realism.

451. Post 1945 Art  
Winter. 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.

455. Contemporary Art Critics  
Spring. 4(4-0) H A 208.  
Contemporary art interpreted by American critics, influences of earlier European critics; formal, historical, moral and social criticism by Rosenberg, Greenberg, Fried, Krauss, Koloff, Steinberg, Rose, Lippard, Alloway, Burnham.
460. Seventeenth and Eighteenth Century American Art
Fall. 3(3-0)
Architecture, painting, and sculpture from colonial times to 1800; the Colonial, Georgian, and Federal styles as evidence of the emerging American pattern.

463. Nineteenth Century American Painting
Winter of even-numbered years. 3(3-0)
The American tradition in painting in Cole, Durand, and the landscape painters; the genre and realist works of Homer, Eakins, and in the European paintedy mode of Sargent and Whistler.

464. Nineteenth Century American Architecture and Sculpture
Winter of odd-numbered years. 3(3-0)
The evolution of American architecture from the Neoclassical revivals to the early works of Frank Lloyd Wright; the impact of the Chicago School; changing sculptural patterns from Powers to Saint-Gaudens.

465. Twentieth Century American Art
Spring. 3(3-0)
Architecture, painting, and sculpture from 1900 to the present; the Ash Can School, the Armory Show, Regionalism, Abstract Expressionism, and post-Abstract Expressionism as expressive of the changing American pattern.

467. Art of China
Fall of even-numbered years. 3(3-0)
The evolution of Chinese art from early Neolithic times to the present; the landscape paintings of the Sung and Yuan; 20th century Chinese art against the background of traditional Chinese art.

473. Art of Japan: Pre-Buddhist to the Momoyama Period
Winter. 3(3-0)
Architecture, sculpture, and painting from the Jomon and Yayoi periods to the renaissance of Chinese traditions in the Muromachi period; the interaction of Chinese and Japanese traditions.

474. Art of Japan: Momoyama to the Present
Spring. 3(3-0)
Architecture, sculpture, painting, and prints of the Momoyama and Tokugawa periods; the interaction of Japanese and Western art; Namban art, Meiji, and post-Meiji art.

475. Art of India
Fall of odd-numbered years. 3(3-0)
The evolution of Indian art from the Indus Valley culture to the present; Buddhism and Hinduism as major forces in the formation of the Indian tradition.

480. Historic Preservation
Winter. 3(3-0) Seniors, approval of department. Interdepartmental with Urban Planning.
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
Spring. 3(3-0) Juniors, Interdepartmental with and administered by Urban Planning.
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
Winter. 4(4-0)
History and appreciation of engraving, etching, lithography and woodcuts. Durer, Rembrandt, Goya, Durer, contemporary printmakers. Prints and book illustrations as source material.

485. Special Problems
Fall, Winter, Spring. Variable credit. May reenroll for a maximum of 10 credits. Approval of department.
Selected problems in history of art for individual study.

800. Seminar in Ancient Art
Fall, Winter, Spring. 4 credits.

810. Seminar in Medieval Art
Fall, Winter, Spring. 4 credits.

820. Seminar in Italian Renaissance Art
Fall, Winter, Spring. 4 credits.

830. Seminar in Seventeenth and Eighteenth Century European Art
Fall, Winter, Spring. 4 credits.

840. Seminar in Modern Art
Fall, Winter, Spring. 4 credits.

875. Methods and Approaches in Art History
Fall. 4(4-0) Reading knowledge of French or German recommended.
Reference books, history of scholarship, and particular techniques and challenges in the various specialties of art history and archaeology.

885. Problems in History of Art
Fall, Winter, Spring, Summer. Variable credit. May reenroll for a maximum of 15 credits. Approval of department.
Selected graduate problems in history of art for individual study.

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

Studio Art

101. How to Look at Art
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.

140. Studio Art Introduction
Fall, Winter, Spring. 3(0-6) Not open to majors.
Concepts in the studio arts studied through a broad range of media. The use of line, value, rhythm and other basic elements explored in drawing, color and 2- and 3-dimensional design.

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)
Experiments 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.

201. Art for Elementary Teachers
Fall, Winter, Spring. 4(1-8)
ED 200; 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 the child's growth and development and his art experience.

228. Sculpture
Fall, Winter, Spring, Summer. 4(1-8)
Preparation for sculpture, involving experience with three dimensional forms. Exploration of the characteristics of sculpture past and present.

231. Graphic Design
Fall, Winter, Spring. 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.

240. Ceramics
Fall, Winter, Spring, Summer. 4(0-10)
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. 4(1-8) May reenroll for a maximum of 8 credits. STA 141.
Tools and materials of the artist applied in a variety of ways to the act of representing the human figure.

245. Design
Fall. 4(1-8) STA 141.
Use of basic design elements and 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.
Study of the art of printmaking and its major techniques. Studio practice in a wide range of printing methods.
255. **Painting**  
Fall, Winter, Spring. 4(1-8) STA 141, STA 142.  
Pictorial expression. Class discussion and studio work in a variety of media.

300. **Still Photography I**  
Winter, Spring. 5(0-10) STA 200, approval of department.  
Control of 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 slides and book forms.

302. **Art in Special Education**  
Fall, Winter, Spring. 4(1-8) ED 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. 4(1-9) ED 200. 24 credits in studio art.  
Concepts, processes and materials as they apply to art teaching situations.

305. **Serigraphy**  
Fall, Winter, Spring. 3(0-6)  
Junior majors, STA 241, STA 247.  
Silk screen as a fine print medium. Basic techniques as a means toward expressive development.

306. **Lithography**  
Fall, Winter, Spring. 3(0-6) STA 247, STA 340.  
Techniques of the medium, preparing the stone, etching, printing, the use of tusche, wash, rubbing, etc.

307. **Etching**  
Fall, Winter, Spring. 5(1-8)  
Junior majors, STA 241, STA 247.  
Techniques of straight etching, soft ground and aquatint.

308. **Relief Prints**  
Fall, Summer. 5(2-6) Junior majors, STA 247.  
Printing from a raised surface as a contemporary medium. Review of traditional techniques and materials as the basis for individual experimentation and expression.

311. **Film Art II**  
Winter, Summer. 5(0-10)  
Emphasis on the animated film.

320. **Resources and Materials of Art in Education II**  
Fall, Winter, Spring. 4(0-8) STA 303.  
Art teaching. Learning experiences with children and youth.

324. **Graphic Design**  
Fall, Winter, Spring. 5(0-10)  
May reenroll for a maximum of 15 credits. STA 231.  
Visual communication involving the complete range of graphic materials, methods and processes leading to an understanding of the unique limitations of graphic design.

325. **Sculpture**  
Fall, Winter, Spring. 5(1-8)  
Junior majors, STA 228, STA 241.  
Exploration of the physical characteristics and possibilities of clay within the limitation of figurative representation. Plaster casting, wax modeling, etc.

339. **Design Communications**  
Fall, Summer. 5(0-10) STA 241, STA 245, EGR 162.  
Methods of representation, including drawing, delineation, photography with experimental exploitation of new tools and techniques.

340. **Intermediate Drawing**  
Fall, Winter, Spring. 5(1-8)  
Junior majors, STA 241.  
Problems in drawing as an end in itself, stressing experimentation with line and materials with emphasis on the human figure.

341. **Ceramics**  
Fall, Winter, Spring. 5(0-10)  
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.

344. **Industrial Design I**  
Fall, Winter, Spring. 5(0-10)  
Junior majors, STA 241, STA 245, EGR 191, EGR 162 or EGR 267.  
Product and product systems from the visual and practical point of view. Research and analysis as a prelude to meaningful design. Reports, sketches, renderings, study mock-ups and presentation models.

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. **Painting**  
Fall, Winter, Spring. 5(1-8)  
Junior majors, STA 241, STA 255.  
Survey of accepted working procedures in all phases of oil painting, exploration of wide range of problems of expression based on still life and the human figure.

391. **Jewelry**  
Fall, Winter, Spring. 5(0-6)  
Junior majors.  
Basic jewelry and metal techniques in sheet metal, wire and casting. Polishing and setting stones, repoussé, etc.

400H. **Honors Work**  
Fall, Winter, Spring. 1 to 6 credits. Approval of department.

401. **Still Photography Workshop**  
Fall, Winter, Spring. 5 to 10 credits. May reenroll for a maximum of 30 credits. STA 300, approval of department.  
Continuation of STA 300 with emphasis on personal seeing and image making. Independent study will be encouraged for superior students with demonstrated potential.

405. **Advanced Serigraphy**  
Fall, Winter, Spring. 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. 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.

407. **Advanced Etching**  
Fall, Winter, Spring. 1 to 6 credits. May reenroll for a maximum of 18 credits. STA 308 or approval of department.  
Continuation of STA 308 for students interested in a deeper exploitation of the various block printing media.

410. **Film Workshop**  
Fall, Winter, Spring. 5 to 10 credits. May reenroll for a maximum of 30 credits. STA 311, approval of department.  
Film workshop with emphasis on independent study. Live film assignments.

421. **Art for Classroom Teachers**  
Summer. 3(1-3) Certified classroom teachers.  
Reading and discussion relating the child’s art experience to his growth and development. Outside assignments required.

422. **Art for Classroom Teachers**  
Summer. 3(1-3) STA 201 or STA 421.  
Continuation of STA 421.

423. **Art in Special Education**  
Summer. 3(2-2) Junior and Senior Special Education majors and approval of department.  
Art and the art teacher in relation to the exceptional child. Development of an understanding of the creative processes of handicapped children.

424A. **Advanced Graphic Design**  
Fall. 5 to 10 credits. May reenroll for credit. Seniors STA 324, approval of department.  
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 100(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. 5 to 10 credits. May reenroll for a maximum of 35 credits.
Continuation of STA 328. Problems in carving, modeling, casting in wax, clay, plaster, direct metal, etc.

430. Advanced Drawing
Fall, Winter, Spring, Summer. 1 to 5 credits. May reenroll for a maximum of 30 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. 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.

435. Advanced Painting
Fall, Winter, Spring, Summer. 1 to 5 credits. May reenroll for a maximum of 30 credits. STA 340, STA 355.
Continuation of STA 355 with increased opportunity for supervised independent development.

440. Special Problems
Fall, Winter, Spring, Summer. 2 to 5 credits. Approval of department.
Advanced work developed from special interest areas.

444. Industrial Design II
Fall, Winter, Spring, Summer. 5 to 10 credits. May reenroll for a maximum of 35 credits. STA 344, approval of department.
Continuation of STA 344 with broader choice of projects in industrial design and increased emphasis on independent development.

449. Advanced Jewelry
Fall, Winter, Spring, Summer. 1 to 6 credits. May reenroll for a maximum of 12 credits. STA 391, approval of department.
Continuation of STA 391 with augmented opportunities for independent development and additional techniques.

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.

500. 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.

501. Painting
Fall, Winter, Spring, Summer. 3 to 12 credits.
Advanced work in a variety of painting media with strong emphasis on independent development.

502. 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.

503. Sculpture
Fall, Winter, Spring, Summer. 3 to 12 credits.
Advanced work in a variety of three-dimensional media with strong emphasis on individual development.

504. Ceramics
Fall, Winter, Spring, Summer. 3 to 12 credits.
Advanced work in pottery involving a variety of experiences and leading to independent development.

505. Serigraphy
Fall, Winter, Summer. 3 to 12 credits.
Work in silk screen printmaking techniques leading to independent expressive development.

506. 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.

507. Industrial Design
Fall, Winter, Spring, Summer. 3 to 12 credits.
Advanced study in the areas of design analysis and product development with emphasis on continued independent development.

508. Jewelry and Metal
Fall, Winter, Spring, Summer. 3 to 12 credits.
Advanced work in jewelry and metal, and related areas leading to continued independent development.

509. 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.

811. Criticism in Contemporary Art
Fall, Winter, Spring, 4(4-0). Approval of department.
Principles of evaluation in the visual arts today and their uses in the studio work of the contemporary artist.

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. STA 421 or STA 422 or a bachelor's degree in art from an accredited institution.

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 and jointly administered 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 6 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, Summer. 3(3-0). 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. 3(3-0). Approval of department.
Factors affecting curriculum: analysis, preparation and evaluation.

828. Research Methods for Art Education
Fall, Winter, Spring. 3(3-0). Approval of department.
Orientation to research; designs and methodologies applicable to the study of problems in art education.
ARTS AND LETTERS

College of Arts and Letters

390H. Perspectives in Literature
Fall. 4(3-0) Juniors, approval of Honors College.
Attention will be focused on several major literary works. Students will employ various types of literary analysis, considering theme, idea, structure, etc., and examining some major trends in contemporary literary criticism.

391H. Perspectives in Philosophy
Winter. 4(3-0) Juniors, approval of Honors College.
The two primary areas of concern will be ethics and aesthetics, the emphasis in one or the other to be determined by the professor. The course will include reading of major works, discussion of major figures in the field, and the preparation of a substantial paper.

392H. Perspectives in History
Spring. 4(3-0) Juniors, approval of Honors College.
The focus will be on the nature of international diplomacy in the 20th century, the development of nationalism, the balance of power system, the influence of new ideologies, and the developments of the power structure since 1945.

393H. Perspectives in 20th Century Arts: 1900-1920
Fall. 3(3-0) Juniors, approval of Honors College.
Reaction to Naturalism across the arts traced in Symbolism and Expressionism as interrelated phenomena in response to the crisis of confidence in European institutions.

394H. Perspectives in 20th Century Arts: 1920-1945
Winter. 3(3-0) Juniors, approval of Honors College.
Formalist analysis of art elements examined across the arts in Cubism, Surrealism and new musical structures as positive response to war, depression and dictatorship.

395H. Perspectives in Contemporary Arts: Postwar Period
Spring. 3(3-0) Juniors, approval of Honors College.
The function of avant-garde arts after World War II to the present studied in the new dimensions of an environment created by new technology and the mass media explosion.

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