821. Evolution of Man
Fall. 3(3-0) Approval of department.
Intensive review of biological and cultural evolution of man, with emphasis placed on anatomy, ethnology, polymorphism, genetics, cultural ecology, prehistory, and the development of civilization.

825. Seminar in Cross-Cultural Relations
Winter of odd-numbered years. 4(3-0) Approval of department. Interdepartmental with the Sociology Department. Analysis of the relations between superordinate and subordinate societies and between coordinate societies and cross-cultural exchange programs.

826. Ethnology of Selected Areas
Fall, Spring. 4(3-0) May re-enroll for a maximum of 16 credits. Approval of department. Intensive review of ethnology of selected culture zones problematics in current anthropological problems of that area.

827. Contemporary Theories in Anthropology
Winter. 4(4-0) May re-enroll for credit with approval of department. Approval of department. Review of current theoretical problems in social and cultural anthropology.

828. Social Structure
Spring. 3(3-0) Approval of department.
Intensive analysis of theoretic models of social structure and their applicability for the analysis of cultures.

829. History of Anthropological Theory
Fall. 5(5-0) 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.

831. Linguistic Anthropology
Winter. 5(3-2) Approval of department.
The nature of language; techniques for the description and comparison of languages; linguistics as an anthropological tool; language and culture.

833. Anthropological Problems of Prehistory
Spring. 5(3-2) 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.

835. Human Osteology and Odontology
Fall of even-numbered years. 3(3-4)
Identification of human bones and fragments; aging, sexing and determining the rate of skeletal remodeling; measuring techniques for cranial and postcranial remains; the more common forms of paleopathology.

836. Hominid Paleontology
Winter of even-numbered years. 4(3-1)
Seminar requiring student research of general and specific topics of hominid paleontology, events, trends, and processes in hominid evolution.

838. Interdisciplinary Seminar on Africa
For course description, see Interdisciplinary Courses.

850. Archaeological Methods and Techniques
Winter. 4(4-0) 833 or approval of department. Seminar outlining archaeological methods and the role of techniques in the strategy of archaeology. Techniques and problems of informational retrieval will be emphasized.

856. Methodology of Anthropological Research
Spring. 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 analysis of variants for various problems are treated.

865. Environment, Technology, and Culture
Spring. 4(3-0) Approval of department.
Cultural ecology, study of the relations 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.

870. Applied Anthropology
Spring of odd-numbered years. 4(3-0) 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.

872. Seminar in Special Subject Fields
Fall, Winter, Spring, Summer. Variable credit. Approval of department. Special fields of study will include any area of anthropology selected.

875. Individual Research Projects
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

879. Interdisciplinary Seminar: Behavioral and Historical Approaches to Problems of Selected Foreign Areas
For course description, see Interdisciplinary Courses.

880. Individual Readings
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

899. Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

922. Dimensions of Culture
Winter. 5(3-5) Approval of department.
Intensive review of principles of cultural anthropology, ethnology, and cultural change with particular attention to systems theory and interconnections of cultural, social, personality, and ecological systems.

923. Cultural Dynamics
Spring. 4(3-0) Approval of department.
Intensive review of culture change theories, processes of the development of the self, contemporary cultural movements, and the application of anthropological knowledge.

999. Research
Fall, Winter, Spring, Summer. Variable credit. Approval of department.

ART

College of Arts and Letters

History of Art

205. Introduction to Art
(ART 205.) Fall, Winter, Spring. 3(3-0) Not open to majors. Painting, sculpture, and architecture from the time of the Greeks to the present. Individual works of art examined intensively, as regards both their formal qualities and the messages in which they exemplify the shifting patterns of Western culture.

206. History of Western Art
(ART 266.) Fall, Winter, Spring, Summer. 4(4-0)
Painting, sculpture, and architecture 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, Mesoamerican, Greek, Roman, Early Christian and Byzantine periods.

207. History of Western Art
(ART 267.) Fall, Winter, Spring, Summer. 4(4-0)
Continuation of 206. Early Medieval, Romanesque, Gothic, Renaissance and Mannerist periods.

208. History of Western Art
(ART 268.) Fall, Winter, Spring, Summer. 4(4-0)
Continuation of 267. Baroque, Rococo, Neo-Classical and subsequent periods to contemporary art.

209. Non-European Art
(ART 269.) Fall, Summer. 3(3-0) Introduction to non-European tradition as contrasted to the western world and exemplified in the primitive art of Africa, Oceania, the North American Indian, and in Islamic and Asiatic art.

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

402. The Art of the Ancient Near East
(ART 453.) Fall. 4(3-0) 205 or approval of department. A survey of the art and architecture of Egypt, Mesopotamia and Crete.

404. Greek Art
(ART 450.) Winter. 4(3-0) 206 or approval of department. The history of painting, sculpture and architecture of ancient Greece from Bronze Age Crete through the end of the Hellenistic period.

405. Roman Art
(ART 451.) Spring. 4(3-0) 206 or approval of department. The history of painting, sculpture and architecture of Ancient Rome with major emphasis on the Late Republic and Early Empire.

406. Ancient Painting
(ART 453A.) Spring. 4(3-0) 206 or approval of department. Ancient Greek and Roman painting, including Minoan Crete. Special emphasis is placed on Archais and Classical Greek painting on pottery and on Roman wall painting from Pompeii and elsewhere.
407. Ancient Sculpture  
(ART 452B.) Winter of even-numbered years. 4(3-0) 206 or approval of department. The sculpture of Ancient Greece and Rome, from the Bronze Age through Early Christian times.

408. Ancient Architecture  
(ART 452C.) Winter of even-numbered years. 4(3-0) 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. Byzantine Art  
(ART 451.) Fall, Summer. 4(3-0) 206 or approval of department. Late antique painting, sculpture and architecture and their development in the East Christian Empire and Orthodox Russia.

411. Early Medieval Art  
(ART 455.) Winter, Summer. 4(3-0) 207 or approval of department. History of architecture, sculpture, and painting in the Latin West from Hellenic-Latin art of the 7th century to the Romanesque Abbots of the 12th century.

412. Later Medieval Art  
(ART 456.) Spring, Summer. 4(3-0) 207 or approval of department. Gothic painting, sculpture, and architecture with particular emphasis on the cathedrals of the 13th century.

420. Italian Renaissance Architecture  
(ART 483.) Spring. 4(3-0) 207 or approval of department. Important buildings of the 15th and 16th centuries, architectural theories, and architectual representation in drawings and paintings.

421. Italian Renaissance Sculpture  
(ART 484.) Winter. 4(3-0) 207 or approval of department. Major artists from circa 1250 to 1600.

422. Italian Renaissance Painting—Fifteenth Century  
(ART 460A.) Fall. 4(3-0) 207 or approval of department. Developments in Italian painting, especially Brunelleschi, of the 14th and 15th centuries, with emphasis on 15th century masters such as Masaccio, Pier della Francesca and Botticelli.

423. Italian Renaissance Painting—Sixteenth Century  
(ART 460B.) Spring. 4(3-0) 207. Emphasis on Leonardo, Michelangelo, Raphael, Titian, Titianetto, and other important masters of the High and Late Renaissance.

427. Northern Renaissance Painting  
(ART 461.) Fall, Summer. 4(3-0) 207 or approval of department. The two centuries paralleling the Renaissance in Italy: the Van Eycks and their school, the French and German masters.

430. Seventeenth Century Art in Italy and France  
(ART 462; ART 462A.) Fall. 4(3-0) 206 or approval of department. Architecture, painting, and sculpture: Caravaggio, the Caracci, Bernini, Pietro da Cortona, Borromini, Cadorli, Poussin, Claude, Van Dyck, Mansart, Charles Le Brun.

431. Seventeenth Century Art in the North and in Spain  
(ART 466; ART 466B.) Winter. 4(3-0) 206 or approval of department. Painting and architecture: Rubens, Van Dyck, Hals, Rembrandt, Vemeer; Dutch and Flemish genre, still life and landscape specialists; Velasquez; Inigo Jones, Christopher Wren, John Vanbrugh.

435. Eighteenth Century European Art  
(ART 468C.) Spring. 4(3-0) 206 or approval of department. Painting, sculpture, architecture: Italy; the Rococo style in France and Central Europe; England and the beginning of modern art.

440. Modern Architecture  
(ART 475.) Fall. 4(3-0) 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  
(ART 474.) Spring. 4(3-0) 205 or approval of department. From ca. 1800 to the present. From Rodin to the present, with special attention to contemporary sculptors.

445. European Painting: 1760-1848  
(ART 478.) Fall, Summer. 4(3-0) 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 in painting in Europe.

446. European Painting: 1848-1917  
(ART 479.) Winter. 4(3-0) 206 or approval of department. Realism in conflict with the established traditions; growth and development of Impressionism, Post Impressionism, Symbolism, the Pre-Raphaelites, Fauvism, Cubism, Expressionism and Futurism.

450. Twentieth Century Painting  
(ART 476.) Fall, Winter, Spring. 4(3-0) 206 or approval of department. Development of painting from 1917 to the present with special reference to the various "isms" that have characterized it since that time.

460. Seventeenth and Eighteenth Century American Art  
(ART 467, ART 486.) Fall. 4(3-0) 207. Architecture and painting from colonial times to 1820; the Colonial and Georgian styles as evidence of the emerging American pattern.

461. Nineteenth Century American Art  
(ART 468, ART 497.) Winter. 4(3-0) 206 or approval of department. Architecture, painting and sculpture from 1820 to 1900; the expression of romanticism and eclecticism in the search for a native style.

462. Twentieth Century American Art  
(ART 488.) Spring. 4(3-0) 206 or approval of department. Architecture, painting and sculpture from 1900 to the present; the role of Wright, the Ash Can School, Regionalists, and Abstract-Expressionists in American culture.

470. Art of India and Southeast Asia  
(ART 473.) Fall, Summer. 4(3-0) 207. Buddhism and Hinduism as forces in shaping the art of India and Southeast Asia; symbolism in the art of the East; the conquest by Islam.

471. Art of China  
(ART 473.) Winter of even-numbered years. 4(3-0) 206 or approval of department. Buddhism and Taoism and their importance in the formation of the art of China in the bronzes, the landscape paintings of the Sung and Yuan dynasties, and in the paintings of the Ming and Ch'ing dynasties.

472. Art of Japan  
(ART 477.) Winter of odd-numbered years. 4(4-0) 206 or approval of department. Architecture, sculpture and painting as expressive of the Japanese ideals; the relationship of Japanese art to Chinese art and its independence from Chinese art; landscapes and the Ukiyoe tradition.

484. History of Prints  
(ART 469.) Winter. 4(3-0) 207. 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  
(ART 469.) Winter, Spring. Variable credits. May re-enroll for a maximum of 10 credits. Approval of department. Selected problems in history of art for individual study.

500. Seminar in Ancient Art  
(ART 861.) Fall, Winter, Spring. 4 credits.

510. Seminar in Medieval Art  
(ART 862.) Fall, Winter, Spring. 4 credits.

520. Seminar in Italian Renaissance Art  
(ART 863.) Fall, Winter, Spring. 4 credits.

530. Seminar in Seventeenth and Eighteenth Century European Art  
(ART 865.) Fall, Winter, Spring. 4 credits.

540. Seminar in Modern Art  
(ART 866.) Fall, Winter, Spring. 4 credits.

560. Seminar in American Art  
(ART 867.) Fall, Winter, Spring. 4 credits.

585. Problems in History of Art  
(ART 890.) Fall, Winter, Spring. Variable credit. May re-enroll for a maximum of 15 credits. Approval of department. Selected graduate problems in history of art for individual study.

588. Teaching Seminar: History of Art  
(ART 856.) Fall. 2 credits. Approval of department. Special seminar in methods of teaching history of art.

587. Teaching Seminar: History of Art  
(ART 857.) Winter. 2 credits. Approval of department. Special seminar in methods of teaching history of art.

588. Teaching Seminar: History of Art  
(ART 858.) Spring. 2 credits. Approval of department. Special seminar in methods of teaching history of art.
255. Introduction to Painting (ART 255.) Fall, Winter, Spring, Summer. 4(0-10) 132.
Study of the fundamentals of pictorial expression. Class discussion and studio work; painting in gouache, water soluble paint and other media.

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

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

307. Etching (ART 307.) Fall, Winter, Spring, Summer. 5(0-10) Junior majors, 241, 247.
Techniques of straight etching, soft ground and aquatint.

320. Art for Secondary Schools (ART 320.) Fall, Winter, Spring, Summer. 4(1-9) 363; ED 260 or approval of department.
Preparation for secondary art teachers. Readings, discussions and studio work leading to a study of the responsibilities of the secondary school teacher.

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

325. Design Communications (ART 325.) Fall, Summer. 2(0-6) 241, 245; EGR 162.
Methods of representation, including drawing, delineation, photography with experimental exploitation of new tools and techniques.

341. Ceramics (ART 341.) Fall, Winter, Spring, Summer. 5(0-10) Junior majors, 240, 241.
Creating and experimenting in clay for pottery and other compositions. Making glazes, stacking and firing a kiln.

344. Industrial Design I (ART 344.) Fall, Winter, Spring, Summer. 5(0-10) Junior majors, 241, 245; EGR 161, 162 or 267.
Products and product systems from the visual and practical point of view. Research and analysis as a prelude to meaningful design. Reports, sketches, renderings, study mockups and presentation models.

353. Composition and Painting (ART 353.) Summer. 3 to 6 credits.
May re-enroll for credit. Approval of department. 24 or 36 hours per week in class; additional hours arranged. Course given at Leland summer Art School, Leland, Michigan. Composition practice, analysis and painting technique. Still-life, figure, and landscape.

355. Painting (ART 355.) Fall, Winter, Spring, Summer. 5(0-10) Junior majors, 241, 255.
Survey of accepted working procedures in all phases of oil painting, exploration of a wide range of problems of expression based on still life and the human figure.

391. Jewelry (ART 391.) Fall, Winter, Spring, Summer. 3(0-6) Junior majors, 246.
Basic jewelry and metal techniques in sheet metal, wire and casting. Polishing and setting stones, repousse, etc.

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

405. Advanced Serigraphy (ART 405.) Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 18 credits. 305, approval of department.
Continuation of 305 for superior students with a demonstrated potential for advanced independent study.

406. Advanced Lithography (ART 406.) Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 18 credits. 306, approval of department.
Continuation of 306 for superior students with a demonstrated potential for advanced independent study.

407. Advanced Etching (ART 407.) Fall, Winter, Spring, Summer. 1 to 6 credits. May re-enroll for a maximum of 18 credits. 307, approval of department.
Continuation of 307 for superior students with a demonstrated potential for advanced independent study.

420. Advanced Problems in Crafts (ART 420.) Fall, Winter, Spring, Summer. 5(1-5) May re-enroll for a maximum of 15 credits. Twenty-four credits of art practice; approval of department. Exploration of new materials, plastics, alloys, etc. employing research procedures leading to creative use of such materials alone and in conjunction with conventional media.

421. Art for Classroom Teachers (ART 421.) 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 (ART 422.) Summer. 3(1-3) 201 or 421.
Continuation of 421.
Descriptive Course Descriptions—Art

423. Art in Special Education
(ART 425.) Summer. 3(2-3) 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
(ART 424, ART 324A.) Fall. 5 to 10 credits. May re-enroll for credit. Seniors; 324; approval of department.

424B. Advanced Graphic Design
(ART 424, ART 424B.) Winter. 5 to 10 credits. 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
(ART 424, ART 424C.) Spring. 5 to 10 credits. 424B.
Graphic design workshop. Advanced study of type faces, paper, light-sensitive materials, etc. Major emphasis on individual independent study.

425. Advanced Sculpture
(ART 425.) Fall, Winter, Spring. Summer. 5 to 10 credits. May re-enroll for a maximum of 35 credits. 328.
Continuation of 328. Problems in carving, modeling, casting in wax, clay, plaster, direct metal, etc.

431. Advanced Ceramics
(ART 431.) Fall, Winter, Spring. Summer. 3 to 6 credits. 392, 355 or approval of department.
Continuation of 303 or 355 with increased opportunity for supervised individual study.

433. Advanced Composition and Painting
(ART 433.) Summer. 3 to 6 credits. 392, 355 or approval of department.
Continuation of 303 or 355 with increased opportunity for supervised independent development.

435. Advanced Painting
(ART 435.) Fall, Winter, Spring. Summer. 5 to 10 credits. May re-enroll for a maximum of 35 credits. 340, 355.
Continuation of 335 with increased opportunity for supervised independent development.

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

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

449. Advanced Jewelry
(ART 449.) Fall, Winter, Spring. Summer. 1 to 6 credits. May re-enroll for a maximum of 12 credits. 391, approval of department.
Continuation of 391 with augmented opportunities for independent development and additional techniques.

800. Studio Problems
(ART 800.) Fall, Winter, Spring. Summer. 1 to 6 credits.
Studio problems in drawing, painting, printmaking, graphic design, industrial design, interior design, advertising design, sculpture-carving, sculpture-direct metal, ceramics.

801. Painting
(ART 801.) Fall, Winter, Spring. Summer. 3 to 12 credits.
Advanced work in a variety of painting media with strong emphasis on independent development.

802. Drawing
(ART 802.) 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
(ART 803.) Fall, Winter, Spring. Summer. 3 to 12 credits.
Advanced work in sculpture applying a variety of materials and leading to independent development.

805. Serigraphy
(ART 805.) Fall, Winter, Spring. Summer. 3 to 12 credits.
Work in silk screen printmaking techniques leading to independent expressive development.

806. Graphic Design
(ART 806.) Fall, Winter, Spring. Summer. 3 to 12 credits.
Advanced work in all phases of the area of graphic design leading to independent development.

807. Industrial Design
(ART 807.) 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.

808. Crafts
(ART 808.) Fall, Winter, Spring. Summer. 3 to 12 credits.
Advanced work in jewelry and metal, and other related areas leading to continued 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.

820. Problems in Art Education
(ART 820.) Fall, Winter, Spring. Fall. 1 to 5 credits. May re-enroll for a maximum of 15 credits. 421 or 422 or a bachelor's degree in art from an accredited institution.

821. Art Instructional Media Laboratory I—Multi-Media
(ART 821.) Fall, Winter, Spring. Summer. 4(1-9) May re-enroll for a maximum of 8 credits. Certified classroom teachers with a bachelor's degree and a major in art. Experimentation with new techniques, films, filmstrips, slides, photographs, audio tapes and various projection devices for purposes of developing new teaching materials of both aesthetic and educational value.

822. Art Instructional Media Laboratory II—Television
(ART 822.) Fall, Winter, Spring. Summer. 4(1-9) May re-enroll for a maximum of 8 credits. T R 437 or experience in the television field. Interdepartmental and administered jointly with the Television and Radio Department. Review and analysis of teaching video tapes and television programs in art. Students may write television scripts, design sets and props, and teach in a taped or live closed-circuit or open channel program.

840. Teaching Seminar—Art Practice
(ART 840.) Fall, Winter, Spring. Summer. 1 to 3 credits. May re-enroll for a maximum of 6 credits. Approval of department.
Supervised teaching of college classes in art practice.

ARTS AND LETTERS

College of Arts and Letters

200. The Historian's View of Problems in United States Foreign Policy
Fall. 1 credit.
Lectures on Latin America; Europe; Far East; Middle East.

210. Contemporary Trends in Literature and the Arts
Fall. Winter. Spring. 1 credit.
Lectures on literature, art and music.

390H. Perspectives in Literature
Fall. 4(3-0) Juniors, approval of the 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
Fall, Winter. 4(3-0) Juniors, approval of the Honors College.
The two primary areas of concern will be ethics and aesthetics, the emphasis on 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
Fall, Winter. 4(3-0) Juniors, approval of the 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.