

## Applied Gerontology, Related Courses

The following courses are taught in related departments:

**ACCT 5020. Accumulation and Analysis of Accounting Data.** 1.5 hours. Provides an understanding of accounting procedures and concepts utilized by management in making decisions. Basic concepts and techniques of accounting; the role of an accounting system in business operations and management; preparation and interpretation of financial reports. This course meets the deficiency requirement in accounting for MBA candidates and may be counted as part of a graduate program in a field other than business administration.

**BLAW 5050. Legal, Regulatory and Ethical Environment of Business.** 1.5 hours. Introduction to the legal environment of business, with particular emphasis on managerial decision-making. Includes a study of the litigation process and constitutional law; selected areas of private and public law, including government regulation; international dimensions of the legal environment of business, business ethics and the social responsibility of business organizations. Business context is emphasized with a focus on individual and managerial decision-making in response to legal and ethical issues.

**MGMT 5520. Management of Health Service Organizations I.** 3 hours. Provides advanced study of the unique operational applications of business/managerial theory, methodology and best practice to acute, home and long-term care health service institutions, including facilities design and management, financial analysis and management, systems analysis and evaluation, application and management of information technology, assessment of health needs and marketing, quality improvement, human resource management and the legal/ethical aspects of health care.

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## Applied Private Music

see Music

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## Applied Technology, Training and Development

see Educational Psychology

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## Arabic

see *Undergraduate Catalog*

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## Archaeology

see Geography

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## Art

### Art, ART

**5100. Methodologies of Art History and Visual Culture.** 3 hours. Examination of methodologies associated with art history and visual culture studies. Taught as a seminar, with emphasis on readings, oral presentations and written

assignments. Prerequisite(s): admission to the MA art history program, or consent of instructor. Required for MA art history students. May not be repeated.

**5110. Foundations of Theory Analysis in Art Education.** 3 hours. The relation between theory and practice in art education is introduced and examined through analysis of topics currently affecting the field.

**5120. Seminar in Medieval Art.** 3 hours. Selected topics in medieval art.

**5130. Seminar in Renaissance Art.** 3 hours. Selected problems in Renaissance art. Prerequisite(s): ART 4130. May be repeated for credit as topics vary.

**5150. Seminar in Native American Art.** 3 hours. Selected problems in native North American art.

**5160. Seminar in Latin American Art.** 3 hours. Selected problems in Latin American art.

**5180. Seminar in Seventeenth-Century Art.** 3 hours. Selected problems in 17th-century art. Prerequisite(s): ART 4180. May be repeated for credit as topics vary.

**5190. Seminar in Art History.** 3 hours. Research and study in selected topical areas of art history. May be repeated for credit as topics vary.

**5191. History of Prints.** 3 hours. Printed images since the Renaissance. Meets with ART 4190.

**5200. Contemporary Architecture.** 3 hours. Biological, structural and social problems of human shelter; analysis of achievement in contemporary architecture.

**5311. History of Crafts.** 3 hours. Ceramics, metalwork, weaving and other crafts media from the Paleolithic era to the present. Meets with ART 4310.

**5340. Seminar in American Art.** 3 hours. Selected problems in American art. Prerequisite(s): ART 4340. May be repeated for credit as topics vary.

**5350. Research in Art.** 3 hours. A study of research techniques and their applications in the field of visual arts; preparation of a prospectus.

**5360. Seminar in Nineteenth-Century Art.** 3 hours. Selected problems in 19th-century art. Prerequisite(s): ART 4360. May be repeated for credit as topics vary.

**5370. Seminar in Twentieth- and Twenty-First-Century Art.** 3 hours. Selected problems in 20th- and 21st-century art. Prerequisite(s): ART 4372 or 4374, or equivalents, or consent of instructor. May be repeated for credit as topics vary.

**5377. History of Graphic Design.** 3 hours. Survey of the history of graphic design, with emphasis on style and context. Meets with ART 4376.

**5379. History of Photography.** 3 hours. Survey of the history of photography, including developments in photographic technologies, practices, theory and analysis. Meets with ART 4378.

**5380. Seminar in Eighteenth-Century Art.** 3 hours. Selected problems in 18th-century art. Prerequisite(s): ART 4380. May be repeated for credit as topics vary.

**5390. Seminar in Art Museum.** 3 hours. Study of the functions of an art museum — collection, preservation, exhibitions, research and interpretation of art objects. Visits to North Texas art museums required. Prerequisite(s): consent of instructor.

**5391. Pre-Columbian, Mesoamerican and North American Art.** 3 hours. Arts of the Pre-Columbian cultures of Mesoamerica and North America. Meets with ART 4390.

**5400. Proseminar in Art Education and Art History.**

1.5 hours. Study of correspondences in the histories, methodologies, theories and practices of art education and art history, with an emphasis on visiting lecturers, readings, discussion, and individual and collaborative presentations and written assignments. Course topic changes annually. Prerequisite(s): admission to the MA art education, PhD art education or MA art history program, or consent of instructor. May not be repeated.

**5410. Seminar in Art Education Reform.** 3 hours. The demand for educational reform in today's schools powerfully affects art education. Current reform initiatives are examined through the lenses of theory development, program implementation and the human dynamic.

**5450. Professional Internship.** 3–6 hours. In-training programs offered in cooperation with approved businesses and professional organizations with career connections to the studio arts. Prerequisite(s): 12 hours and approval of instructor.

**5550. Seminar in Art Museum Education I.** 3 hours. Applied study of the practice of art museum education. Emphasis on teaching, writing, and program development for multiple audiences in the art museum. Prerequisite(s): art education and art history, graduate level.

**5560. Seminar in Art Museum Education II.** 3 hours. Study of contemporary and historical issues regarding the educational function of art museums. Concentration on object-based learning, pedagogical theory, and audience identification. Prerequisite(s): ART 5550 or consent of instructor.

**5610. Artist's Bookmaking.** 3 hours. (2;4) Design and creation of books as works of art at the master's level. Utilization of techniques of book design and bookbinding to create personal artistic statements in a sequential format. Prerequisite(s): competency in photography or printmaking or consent of school.

**5700. Seminar in University Art Teaching.** 3 hours. A study of problems unique to university art faculty; professional practices in various fields of art teaching. May be repeated for credit as topics vary.

**5800. Graduate Studio.** 3 hours. Courses for students qualified to develop professional competence in special areas of studio work. Prerequisite(s): 12 hours of art in the selected area and consent of school. All may be repeated for credit.

**5801. Sculpture Studio.**

**5802. Painting Studio.**

**5803. Ceramics Studio.**

**5804. Drawing Studio.**

**5805. Printmaking Studio.**

**5806. Photography Studio.**

**5807. Communication Design Studio.**

**5808. Fashion Design Studio.**

**5809. Interior Design Studio.**

**5810. Jewelry and Metalworking Studio.**

**5811. Fibers: Weaving Studio.**

**5812. Fibers: Fabric Design Studio.**

**5813. Digital Art Studio.** 3 hours. (2;4) Topics classes, focusing on new and experimental subject matter in the digital media environment.

**5815. Topics in Studio Art.** 3–6 hours. Variable topics course designed to explore concepts and processes in art-making that go beyond the normal curricular parameters of traditional studio disciplines. May be repeated for credit as topics vary. Prerequisite(s): consent of instructor.

**5817. Watercolor Studio.** 3 hours. Historic and contemporary watercolor research through galleries, museums and text with practical applications toward a series of student-developed water media paintings. Prerequisite(s): BFA or consent of instructor.

**5825. Professional Practices for the Studio Artist.** 3 hours. A study of theoretical and practical aspects of succeeding as a practicing artist outside the academy. Survey of the protocols and common practices expected of the artists as a productive member of the business community wherein fine art is the commodity.

**5830. Issues and Applications of Technology in Art Education.** 3 hours. Historical and philosophical issues related to the use of technology and digital imagery in the art classroom, as well as advanced application of technology to enhance the acquisition and manipulation of knowledge and imagery. Prerequisite(s): ART 5855 or consent of instructor.

**5835. Parallels in Art, Culture and Fashion.** 3 hours. (2;4) Concentrated overview of developments in 20th-century fashion and the relationships between movements in art, design and popular culture.

**5845. Theories in Criticism and Aesthetics.** 3 hours. Examination of aesthetics in the visual arts through visual discrimination and critical thinking in relationship to historical and socio-political influences. Application of the theories of aesthetics and criticism to curriculum development. Prerequisite(s): ART 5855 or consent of instructor.

**5850. Seminar in Art Education.** 3 hours. Selected problems in art education, theory and practice. Prerequisite(s): consent of school. May be repeated for credit as topics vary.

**5855. Theory and Practice of Teaching Elementary and Secondary Art.** 3 hours. Examination of how educational and art educational theory inform contemporary art education practice in both elementary and secondary art classrooms. In addition to scheduled class meetings, students are required to complete 55 hours of observation (half in an elementary art classroom and half in a secondary art classroom) in an assigned location. Prerequisite(s): admission to the MA program in art education (Option III). Students must contact instructor prior to registration to arrange for observation assignments and to complete paperwork/criminal history forms.

**5860. Curriculum Development and Program Assessment in Art.** 3 hours. Processes for developing and sequencing the curriculum and methodologies for the assessment of educational programs and student learning in art for elementary and secondary public schools and higher education.

**5870. History of Art Education.** 3 hours. Seminar explores the history and philosophy of education in relationship to the teaching of art in public schools and higher education.

**5880. Trends and Issues in Art Education.** 3 hours. Research into current literature and practical applications in American and international art education.

**5890. Politics and Advocacy in the Visual Arts.** 3 hours. Examination of effective advocacy efforts and appropriate political actions needed to resolve issues in the field of art education.

**5900-5910. Special Problems.** 1–3 hours each. Conference courses open to advanced students capable of doing independent research under the direction of the instructor. Not to be registered for except when other graduate courses are not available. Registration permitted only with consent of school. A maximum of 3 semester hours of credit for each course.

**5920-5930. Research Problems in Lieu of Thesis.** 3 hours each. Research dealing with significant problems in the field of art. Courses open to MFA students who are doing a project in lieu of a thesis. Student must mount an MFA exhibition as part of course requirements for 5930.

**5940. Creative Project.** 3 hours. (3;3) Research and practice dealing with significant problems in the field of art. Should be taken with major professor. Prerequisite(s): consent of instructor.

**5945. MFA Exhibition.** 3 hours. (0;6) Professional practice in the planning and staging of an exhibition of creative works as a culmination of visual research. Should be taken with major professor. Prerequisite(s): consent of instructor.

**5950. Master's Thesis.** 3 or 6 hours. To be scheduled only with consent of school. 6 hours credit required. No credit assigned until thesis has been completed and filed with graduate dean. Continuous enrollment required once work on thesis has begun. May be repeated for credit.

**5955. Research Project.** 6 hours. Research and writing on a significant problem in the field of art history. Course open to MA students in art history. Prerequisite(s): successful completion of ART 5350, Research in Art; successful completion of at least 21 hours of master's degree program courses; department language requirement satisfied.

**5960-5970. Art Institute.** 1–3 hours each. For students accepted by the university as participants in special institute programs.

**6001. Issues in Pre-Service Art Education.** 3 hours. Investigation of issues relevant to pre-service education in art at the university level. Prerequisite(s): art education PhD student status or consent of instructor.

**6900-6910. Special Problems.** 1–3 hours each. Conference courses for doctoral students. Directed reading and research in fields of special interest.

**6950. Doctoral Dissertation.** 3, 6 or 9 hours. To be scheduled only with consent of school. 12 hours credit required. No credit assigned until dissertation has been completed and filed with the graduate dean. Doctoral students must maintain continuous enrollment in this course subsequent to passing qualifying examination for admission to candidacy. May be repeated for credit.

**5010. Experimental Analysis of Behavior.** 3 hours. Reviews classical experimental literature in behavior analysis. Compares methodology to that in natural and social sciences. Special emphasis on experimental analysis of human behavior.

**5020. Theory and Philosophy in Behavior Analysis.** 3 hours. Study of the conceptual framework of behavior analysis; studies epistemological issues and nature of scientific explanation; examines common misconceptions and provides theoretical foundations for applications and basic research.

**5028. Autism I: Conceptual/Methodological Issues in Applied Behavior Analysis.** 3 hours. Describes basic conceptual and methodological issues involved in behavioral treatment of children with autism. Topics studied include theories and controversies regarding etiology and assessment, distinctions between behavioral and alternative approaches to treatment, comparisons of treatment formats, and critical review of curriculum options. Behavior analysis majors must take BEHV 5810 concurrently with BEHV 5028.

**5029. Autism II: Applied Behavior Analysis Research and Practice.** 3 hours. Describes research and practice associated with the scientist-practitioner model of applied behavior analysis intervention for young children with autism. Students conduct comprehensive reviews of experimental literature in the three critical areas of autism intervention and learn to evaluate this literature according to accepted rules of scientific evidence. Students propose and implement an intervention that addresses at least one experimental question and extends existing scientist/practitioner literature. Students complete projects that translate research findings to practice. Behavior analysis majors must take BEHV 5815 (second Practicum) concurrently with BEHV 5029 and must have received an A in 5810 and 5028. Prerequisite(s): BEHV 5028 and 5810.

**5030. Applied Behavior Analysis and Autism III: Supervision and Training.** 4 hours. Describes behavioral intervention literatures as they relate to the change agents responsible for treatment implementation. Students design and implement change agent data collection systems, training packages and complete extensive practical training. Students also explore issues in the funding and systems involved in the provision of treatment. Prerequisite(s): BEHV 4000.

**5100. Introduction to Behavior Analysis.** 3 hours. Defines and delimits the subject matter of behavior analysis. Examines the principles that describe behavioral processes and distinguishes the learned and unlearned components of operant and respondent behavior. Relates behavior change procedures to the processes accounting for learned behavior.

**5130. Basic Behavior Principles.** 3 hours. First in a sequence of four courses in the certificate program for non-degree seeking graduate students. Everyday behavior is examined as part of the natural world, and behavior change is explained by behavioral principles derived from scientific research. Principles and procedures included in course content are reinforcement, extinction, differential reinforcement, punishment, discrimination training, generalization, shaping fading and programming. Definitions, reliability and validity and direct observation methods are also addressed. The four-course sequence has been designed to meet minimum course content specified by the Behavior Analysis Certification Board as part of the requirements for certification.

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## Astronomy

see *Undergraduate Catalog*

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## Behavior Analysis

### *Behavior Analysis, BEHV*

**5000. Observation and Measurement of Behavior and Environment.** 3 hours. An examination of the factors to be considered in observing and measuring behavior and environment; methods of recording data with emphasis on the conditions under which each method is most appropriate.