

aging process, status, and treatment of the elderly.
Pre: ANTH 101, 230/330, or 220/230, or permission

580 (3-6) Fieldwork: Archaeology/Ethnology

Field experience in which method and theory are learned through participation in and on-going field project.

Pre: permission of instructor, or one of: ANTH 101, 103, 102, 210/310, or 220/320

585 (1-3) Topics in Anthropology

This course allows faculty the flexibility to consider the challenges of new developments in anthropology. Content will vary from one course to the next.

Students may take the course, with the permission of the instructor, more than one time.

586 (1-3) Workshop (variable sub title)

A brief intensive hands-on introduction to an anthropological topic usually as it applies to a particular issue or skill. Topics vary but might include: Understanding that race is not a scientific concept; combating racism and ethnocentrism; participant observation methods; culture shock; cultural diversity and communication; forensics; cultural resource conservation.

Pre: depends on topic and instructor

591 (1-3) Archaeology Laboratory

An introduction to archaeological laboratory techniques and museological practice, through participation in the various processes involved.

592 (1-3) Biological Anthropology Laboratory

Guided advanced laboratory work in biological/physical anthropology.

Pre: ANTH 221 and 321, or permission of instructor

593 (1-3) Ethnology Lab

Individual projects are done in close coordination with faculty member.

Pre: permission of instructor

601 (3) Seminar

A seminar on a topic from one of the major sub disciplines in anthropology. Topic is announced.

Pre: permission of instructor

677 (1-6) Individual Study

Pre: permission of instructor

697 (1-12) Internship

Practical field experience, usually under the supervision of some off-campus professional.

Pre: permission of instructor

699 (3-6) Thesis

Preparation on the Master's thesis.

Pre: permission of instructor

ART MA

ART EDUCATION MS (DISCIPLINE-BASED)

College of Arts & Humanities

Art Department

136 Nelson Hall • 509-389-6412

Graduate Coordinators: Ralph Jacobs, Ed.D. and James Tanner, MFA

Diana Black, MFA, Harlan Bloomer, MFA, Hope Cook, MFA, Brian Frink, MFA, James Johnson, MFA, Rea Mingeva, MFA, David Morano, MFA, Nancy Wicker, Ph.D.

Art at Minnesota State University occupies a modern building at one end of the central campus. The graduate art faculty, diverse in educational and professional experience, shares the objective of quality education in a stimulating and creative environment. Small classes ensure personalized instruction from a faculty committed to excellence in their various studio and academic specialties. Graduates from the program are placed not only in education and business but often pursue additional work toward advanced degrees. The flexibility acquired by art graduate students as they develop their ideas and skills are attractive to potential employers.

The serious student with appropriate undergraduate art credentials may select courses in various specialized areas leading to a Master of Arts or Master of Science degree. Successful applicants for each of these options must have a four-year baccalaureate degree from an accredited institution with a minimum undergraduate grade point average of 2.75/4.0 for the last two undergraduate years for the degree. A portfolio must be submitted and approved with the application for full admission. Applications are considered for each term and either summer session. A comprehensive oral examination is required for the MA degree and the written examination is required for the MS degree in Art. Program options are flexible to accommodate specific needs or objectives in art education or in the studio areas of ceramics, drawing, fiber design, graphic design, painting, photography, printmaking or sculpture. An attractive feature of the studio curriculum, for example, is the creative thesis option, which includes a brochure and exhibition. A thesis or alternate plan paper options are available for education degrees.

Students enjoy the advantages of excellent facilities, including the Conkling Art Gallery, a versatile, contemporary space providing exhibitions in all media from local, regional and national artists and collections. Student exhibitions, along with gallery openings, lectures and workshops, contribute significantly to a feeling of community among students, faculty and gallery patrons. In addition to the department's own slide collection, the Memorial Library provides a number of resources for art students. A vigorous art community in the Mankato, southern Minnesota and Minneapolis-St. Paul areas offers valuable off-campus stimulation and exhibition opportunities.

Admission. Candidates must complete departmental admission requirements as well as the requirements specified by the College of Graduate Studies. An undergraduate major in art or its equivalent is required to pursue a graduate degree.

Student Work. The department may request the retention of at least one student work from the creative thesis exhibition for its permanent instructional and exhibition collection and the right to use photographs of students and their work. Additionally, the department cannot insure student work, material and equipment or take responsibility for its loss or damage.

P/N Grading. Students from other fields may elect graduate courses in art for P/N grading if prerequisites have been fulfilled or special consent is given by the instructor. Art majors are required to take art courses under the regular letter grade system except as indicated under general Graduate College requirements.

Studio Course Costs. Notations showing the costs of individual courses are included in the quarterly printed schedules. In some cases, student fees are charged for materials used. Verifying such information with the individual instructor is suggested.

ART MA

(Thesis Plan only - 30 cr)

The Art MA degree is offered as a studio arts emphasis only.

Required Core (6 cr)

ART 601 Introduction To Research (3)

ART 699 Thesis (3)

Required Art History (3-6 cr)

Choose any 500 level Art History courses (3-6 cr)

Required Art Studio (15-18 cr)

Choose any 5/600 level Art Studio courses (15-18 cr)

Required Related (non-art) Electives (2-8 cr)

Choose any 5/600 level related elective courses (2-8 cr)

ART EDUCATION MS (DISCIPLINE-BASED)

(Thesis Plan - 30 cr)

(Alternate Plan Paper - 34 cr)

Teaching licensure is a prerequisite to pursuing this degree which is for teachers interested in enrichment in a teaching area. This degree does not lead to initial teaching licensure. Students who desire initial licensure should consult the Master of Arts in Teaching (MAT) program where an emphasis in art is available. Please see the section concerning the MAT program listed in this bulletin.

Required Core (3 cr)

ART 600 Introduction To Research (3)

Required Art History (6 cr)

Choose any 500 level Art History courses (6 cr)

Required Art Studio (6 cr)

Choose any 5/600 level Art Studio courses (6 cr)

Required Related (non-art) Electives (6 cr)

Choose any 5/600 level related elective courses (6 cr)

Required Professional Education Courses (6 cr)

EDFN 640 Advanced Evaluation in Educational Settings (3)

EDFN 641 Evaluative Procedures in Problem Solving Situations (3)

Required Thesis or Alternate Plan Paper

ART 699 Thesis (3-6)

ART 694 Alternate Plan Paper (1-2)

COURSE DESCRIPTIONS

500 (3) Graphic Design

Advanced level graphic design and graphic communication problems. (F,S)

Pre: Art 300 or consent

510 (3) Drawing Workshop

Continued in-depth exploration of drawing techniques and concepts. (F,S)

Pre: Art 410 or consent

512 (3) Life Drawing

Advanced experience in drawing from the human figure. (F,S)

Pre: Art 412 or consent

513 (3) Scandinavian Art

Overview of representative examples of the history of Scandinavian art from pre-Viking to modern times, concentrating on elements typical of each country or period and on developments that were particularly influential in the broader history of Western art.

Pre: consent

514 (3) Early Medieval Art

Introduction to art and architecture of Western Europe, the Byzantine Empire and the Islamic World from the second to the early twelfth centuries.

Examination of representative works of art and major styles of Christian, Jewish, Germanic, Celtic and Islamic Cultures.

515 (3) Later Medieval Art

Introduction to the art and architecture of Western Europe from the mid-twelfth through the fifteenth centuries. Examination of representative works of art and major styles of secular and Christian religious medieval art of the Romanesque and Gothic periods.

516 (3) Art of Africa, The Americas and the South Pacific

Introduction to the art and architecture of indigenous peoples. Examination of representative works of art and major styles and cultures of preliterate societies in Africa, the Americas, Oceania, and of Pre-Columbian civilizations in the Americas.

Pre: consent

519 (3) Gender in Art

Historical survey of the representation of gender with comparison of the artistic efforts of males and females and examination of art used to present gender-based issues including homosexuality, feminism, censorship and pornography.

Pre: consent

521 (3) Art Methods Elementary School

Art expression related to child growth, development and teaching strategies. Emphasis on two-dimensional projects. (Required for student teaching and certification.) (F,S)

523 (3) Elementary Art Materials II

Advanced elementary teaching methods and art materials, emphasis on three-dimensional projects.

Pre: Art 421 or Consent

524 (3) Art for the Exceptional Child

Theory and practice of teaching mentally challenged, physically handicapped and other exceptionals.

Pre: Art 421 or Consent

525 (3) Current Issues in Art Education

Teaching art as related to current trends, philosophies, and issues.

Pre: Art 426 or consent

526 (3) Art Methods Secondary School

The characteristics and evaluation of junior and senior high art expression: the status, curricula and strategies of teaching. (Required for student teaching)

Pre: Art 421 or Consent

528 (3) Teaching Art History & Appreciation

Application of instruction in art history and appreciation to elementary and secondary schools.

Pre: Art 260, 261, 421 or consent

530 (3) Fibers

Advanced fabrication of textiles using loom and off loom techniques. (F,S)

Pre: Art 430 or consent

540 (3) Painting

First course in introductory graduate painting in oil and/or acrylics. May be taken by non-majors. (F,S)

Pre: consent

545 (3) Watercolor

Advanced experience in watercolor. (F,S)

Pre: consent

550 (3) Ceramics

An advanced course which emphasizes individual research in technical, aesthetic and conceptual considerations. (F,S)

Pre: Art 450 or consent

560 (3) Ancient Art

Introduction to the art and architecture of the ancient era in its historical and cultural frameworks.

Examination of representative works of art and major styles of ancient Mesopotamian, Egyptian, Aegean,

Greek, Etruscan, and Roman cultures.

Pre: consent

562 (3) Renaissance Art

Origins and development of Northern and Italian Renaissance art and architecture as an expression of historical, cultural and religious issues.

Pre: consent

563 (3) Mannerism to Romanticism

Historical survey of art, architecture and urban planning in Europe and America from the late sixteenth to mid-nineteenth century: Mannerism, Baroque, Rococo, Neoclassicism and Romanticism.

Pre: consent

566 (3) Realism to Postmodernism

Historical survey of art, architecture and urban planning in Europe and America from the mid-nineteenth century to the present: Realism, Impressionism, Expressionism, Surrealism, Abstract Expressionism, Minimalism, Op Art, Pop Art, and Postmodern issues and trends. (F)

Pre: consent

568 (3) Design: History and Theory

Survey of Graphic Design, Industrial Design and Architecture from historical and theoretical perspectives. Design issues examined from formal and contextual point of view, using analysis strategies that consider style, composition, historical context, functional/propagandistic significance and communicative ability.

Pre: consent.

569 (3) Asian Art

Historical survey of the art and architecture of China, India, Korea and Japan from pre-history to the 19th century.

Pre: consent

570 (3) Print Studio

Continued investigation of advanced print making techniques and concepts. (F,S)

Pre: Art 470 or consent

575 (3) Photography

Expanding technical knowledge and visual awareness while building a portfolio in selected areas. (F,S)

Pre: consent

580 (3) Sculpture

Continuing development of a strongly personal means of aesthetic expression in three dimensions. (F,S)

Pre: Art 480 or consent

590 (1-6) Workshop

In depth investigation of a selected topic. (F,S)

592 (1-6) Art History Seminar

Specific problems in art emphasizing both individual research and contributions to the seminar group on advanced, in-depth topics.

Pre: consent

594 (3) Topics

Lecture/discussion/studio course on a selected area of discourse relating to the study of Art History, Art Criticism, Art Education or Art Studio. May focus on a specific artist, style period, cultural group or technical or methodological problem.

600 (1-9) Graphic Design

Advanced graduate level graphic design and graphic communication problems. May be repeated. (F,S)
Pre: Art 500 or consent

601 (3) Introduction to Research in Art

Introduction to the modes of research appropriate to art including creative research studies and investigative thesis research.

Pre: consent

605 (1-9) Graduate Art Studio

Graduate level course for all studio specializations. May be repeated.
Pre: one 500 level course in the studio specialization.

610 (1-9) Drawing

Continued exploration of drawing techniques and concepts at the graduate level. May be repeated. (F,S)
Pre: Art 510 or consent

630 (1-9) Fibers

Advanced graduate level textile fabrication. Should produce a consistent body of work. May be repeated. (F,S)
Pre: Art 530 or consent

640 (1-9) Painting

Graduate painting, emphasizing development of individual vision. May be repeated. (F,S)
Pre: Art 540 or consent

645 (1-9) Watercolor

Independent creative development. May be repeated.
Pre: Art 545 or consent (F,S)

650 (1-9) Ceramics

A graduate course emphasizing further development and refinement of a body of work in preparation for a thesis and examination. May be repeated. (F,S)
Pre: Art 550 or consent

670 (1-9) Print Studio

Graduate level printmaking. May be repeated. (F,S)
Pre: Art 570 or consent

675 (1-9) Photography

Refinement of technical skills, seeing, and critical abilities while producing a significant body of work. May be repeated. (F,S)
Pre: Art 575 or consent

677 (1-9) Individual Study

Creative and technical problems or research in selected area. All students must file a special form in department office at time of registration. (F,S)
Pre: consent

680 (1-9) Sculpture

Continuing development of a strongly personal means of aesthetic expression in three dimensions. May be repeated. (F,S)
Pre: Art 580 or consent

692 (1-6) Art History Grad Seminar

Specific problems in art emphasizing both individual research and contributions to the seminar group on advanced, in-depth topics appropriate for graduate students.
Pre: consent

694 (1-2) Alternate Plan Paper

Alternate plan paper in lieu of thesis, done in cooperation with major professor. (Credit is "incomplete" until final approval by student's graduate committee.) (F,S)
Pre: consent

697 (1-12) Internship

Field experience in professional setting relating to the specialization: graphic design, museum or arts administration, etc. (F,S)
Pre: consent

699 (3-6) Thesis

Required of all candidates for the Master of Science or Master of Arts degrees. May be creative project or brochure exhibition option. (Credit is "incomplete" until final approval by student's graduate committee.) (F,S)
Pre: consent

AUTOMOTIVE ENGINEERING TECHNOLOGY

*College of Science, Engineering & Technology
Automotive and Manufacturing Engineering
Technology Department*

E205 Trafton • 507-389-6385 • Fax 507-389-5002

Chair and Graduate Coordinator: Kirk Ready, Ed.S.

Ann Goebel, MS, Bruce Jones, Ph.D.; Andrzej Markowski, Ph.D.; Harry Peterson, Ph.D.; Paul Sullivan, Ph.D.

Although there is no graduate degree program in Automotive Engineering Technology, graduate work is possible. By combining courses in AET with courses in other programs, a student may create a graduate program leading to a Master of Science degree in Multi-disciplinary Studies. Also, 10 credits of AET coursework can be used to meet the requirements of the Master of Science: Manufacturing Engineering Technology degree. For further information, contact the department chairperson at 507-389-6383.