

INTEGRATED STUDIO ARTS

<http://www.design.iastate.edu/artvisualculture/index.php>

The Department of Art and Visual Culture offers degree programs focused on visual art and visual culture and offers courses in art history, studio arts and art education. Degree offerings include the Bachelor of Arts in Art and Design, Bachelor of Fine Arts in Integrated Studio Arts and the Master of Fine Arts in Integrated Visual Arts.

Undergraduate Study

B.F.A. Integrated Studio Arts

Students select from studio options including ceramics, digital media, drawing, furniture design, illustration, jewelry and metalsmithing, scientific illustration, two- and three-dimensional mixed media, painting, photography, printmaking, textiles, and new technological genres. Over the four-year course of study students will develop a portfolio and prepare for a professional practice in the visual arts. This concentration engages aesthetics, visual problem solving, critical thinking, and skill development, drawing on contemporary developments, historical and cultural theory, and studio practice.

Transfer students with studio credits from other colleges and universities must present a portfolio of work done in those courses to determine if these credits can be applied toward specific studio requirements. Students are required to present this portfolio upon admission and prior to registration for classes. Arrangements for this process must be made with department advisers.

The department offers no minor but participates in the undergraduate minors in Classical Studies, Critical Studies in Design, Design Studies and Digital Media.

Undergraduate Curriculum

The Curriculum in Integrated Studio Arts leads to a 126.5 credit undergraduate Bachelor of Fine Arts in Integrated Studio Arts. Admission into the program requires the completion of at least 30.0 credits, including the following courses: DSN S 102, 110 or 115, 131, and 183; 6 credits of Social Sciences/Humanities; 6 credits Math/Science; ENGL 150 (or test-out credit); LIB 160. Review of the student's portfolio and essay will also be significant factors.

Admission into the professional program depends upon available resources and is subject to the approval of a faculty committee at the completion of the College of Design Core Program. Applicants are reviewed on the basis of academic performance, a portfolio of original work, and a written essay.

Transfer students with studio credits from other programs, colleges, and universities must present for department review a portfolio of work done in those courses in order to have the credits apply toward studio requirements. Students are required to present this portfolio upon admission and prior to registration for classes. Arrangements for this process must be made with department advisers.

Total Degree Requirement: 126.5 cr.

Only 65 cr. from a two-year institution may apply which may include up to 16 technical cr.; 9 P-NP cr. of free electives; 2.00 minimum GPA average.

International Perspective: 3 cr.

U.S. Diversity: 3 cr.

Communication: 10 cr.

(C- or better grade)

ENGL 150	Critical Thinking and Communication	3
ENGL 250	Written, Oral, Visual, and Electronic Composition	3
LIB 160	Information Literacy	1
One course from the following:		3
COMST 101	Introduction to Communication Studies	
COMST 102	Introduction to Interpersonal Communication	
CMDIS 286	Communicating with the Deaf	
SP CM 212	Fundamentals of Public Speaking	

Total Credits 10

Humanities: 6 cr.

6 cr. from program curriculum sheet.

Social Sciences: 6 cr.

6 cr. from program curriculum sheet.

Math/Physics/Biol. Sciences: 6 cr.

6 cr. from program curriculum sheet.

General Education Courses: 9 cr.

Six credits of course levels 300-400 from department curriculum sheet 6

Three credits from department curriculum sheet 3

Total Credits 9

College of Design Core: 11.5-12 cr.

DSN S 102	Design Studio I	4
DSN S 115	Design Collaborative Seminar	0.5-1
or DSN S 110	Design Exchange Seminar I	
DSN S 131	Design Representation	4
DSN S 183	Design Cultures	3

Total Credits 11.5-12

Integrated Studio Arts Core: 31 cr.

ARTIS 202	Studio Fundamentals: Wood	2
ARTIS 203	Studio Fundamentals: Jewelry/Metalsmithing	2
ARTIS 204	Studio Fundamentals: Ceramics	2
ARTIS 206	Studio Fundamentals: Printmaking	2
ARTIS 210	Studio Fundamentals: Photo	2
ARTIS 212	Studio Fundamentals: Computers	2
ARTIS 213	Studio Fundamentals: Painting	2
ARTIS 214	Studio Fundamentals: Textiles	2
ARTIS 208	Color	3
ARTIS 230	Drawing II	3
ARTIS 310	Sources and Methods of Visual Design	3
ART H 280	History of Art I	3
ART H 281	History of Art II	3

Total Credits 31

ISA Concentration: 24 cr.

Eight courses from ArtIS studio offerings. Advisers will assist students in developing their studio concentration plan.

Art History: 9 cr.

At least 6 cr. from Art H 300+ course level.

Professional Practice: 3 cr.

ARTIS 399	BFA Professional Practice	2
ARTIS 499	BFA Exhibition	1

Total Credits 3**Electives: 11 cr.**

Integrated Studio Arts. B.F.A.

First Year

Fall	Credits Spring	Credits
DSN S 102 or DSN S 131	4 DSN S 102 or DSN S 131	4
DSN S 183 or General Education	3 DSN S 183 or General Education	3
ENGL 150 or General Education	3 ENGL 150 or General Education	3
DSN S 110 or DSN S 115	0.5-1 General Education	3
General Education	3 General Education	3
General Education	3 LIB 160	1
16.5-17		17

Second Year

Fall	Credits Spring	Credits
ART H 280 (fall only)	3 ART H 281 (spring only)	3
ARTIS 208 (or 230)	3 ARTIS 230 (or 208)	3
ARTIS Studio Fundamentals	2 ARTIS Studio Fundamentals	2
ARTIS Studio Fundamentals	2 ARTIS Studio Fundamentals	2
ARTIS Studio Fundamentals	2 ARTIS Studio Fundamentals	2
ARTIS Studio Fundamentals	2 ARTIS Studio Fundamentals	2
ENGL 250 (or General Education)	3 ENGL 250 (or General Education)	3
17		17

Third Year

Fall	Credits Spring	Credits
ARTIS 310	3 ARTIS Studio Option	3
ARTIS Studio Option	3 ARTIS Studio Option	3
ARTIS Studio Option	3 ARTIS Studio Option	3
ART H 300 level or above	3 ART H 300 level or above	3
General Education	3 ARTIS 399	2
	DSN S 301 (Rome option only)	1
	ARTIS 494 (Rome option only)	1
15		16

Fourth Year

Fall	Credits Spring	Credits
ARTIS Studio Option	3 ARTIS Studio Option	3
ARTIS Studio Option	3 ARTIS Studio Option	3
ART H 300 level or above	3 ARTIS 499	1
General Education	3 General Education	3
Elective	3 Elective	3

Elective

2

15

15

Total Credits: 128.5-129

Admission into the BFA in Integrated Studio Arts requires the completion of 30.0 credits including the following courses DSN S 102, 131, 183, 110 or 115, 6 credits in Social Science/Humanities, 6 credits Math/Science, ENGL 150, LIB 160. A portfolio review and essay will also be significant factors.

Graduate Study

The department offers the Master of Fine Arts (M.F.A.) in Integrated Visual Arts. The M.F.A. curriculum in Integrated Visual Arts requires a minimum of 60 credits. The program of study includes seminar classes, a studio concentration, history and criticism courses, elective courses outside the department or area of study and the completion of a thesis exhibition or thesis.

M.F.A. graduates in Integrated Visual Arts link traditional studio disciplines with interdisciplinary studies. Graduates are prepared as visual artists to enter studio practice, business, higher education or new interdisciplinary fields. The M.F.A. is recognized as the terminal degree. A required thesis exhibition is composed of two parts: a substantial exhibition; and a written statement that describes the development of the work in the exhibition, its objectives, and its historical and cultural points of reference. A thesis may be an appropriate alternative, but some portion of the work should entail an element of design problem-solving in the form of a visual product.

Studio Courses: 39 cr.

Courses numbered ARTIS	27
Studio Courses outside of ISA	6
Thesis/Orals	6

Seminar Courses: 6 or 7 cr.

(student take 3 sections of ARTIS 571 or 2 sections of ARTIS 571 and ARTIS 511)

Graduate Seminar ARTIS 571	2 credits each section
ARTIS 571A Critique Seminar: Grants, Residencies, Exhibitions	
ARTIS 571B Critique Seminar: Entrepreneurialism	
ARTIS 571C Critique Seminar: Critique and Creative Process	
Seminar in Teaching: ARTIS 511	3

Art History/Theory/Criticism: 12 cr.

ART H 501 required	3
Art History courses	9

Related Courses (outside of IVA program): 3 cr.**Total: 60 or 61 cr.**

Courses primarily for undergraduates:

ARTIS 201: Creative Visual Thinking

(0-6) Cr. 3. F.S.

Exploration of the nature of visual perception in relation to issues of visual communication, problem solving, envisioning information, and visual thinking. Studio assignments to be digitized and sent to instructor electronically for evaluation and critique.

ARTIS 202: Studio Fundamentals: Wood

(0-8) Cr. 2. F.S.

Prereq: Open to all students; sophomore level and above. Required of all ISA BFA majors

Half-semester course. Introduction to wood's physical properties, its potential as an expressive medium, and basic wood working hand tools and techniques.

ARTIS 203: Studio Fundamentals: Jewelry/Metalsmithing

(0-8) Cr. 2. F.S.

Prereq: Open to all students; sophomore level and above. Required of all ISA BFA majors

Half semester course. Introduction to basic jewelry/metals design and fabrication. Forming, texturing, and joining techniques (soldering/riveting) will be explored and applied to two projects.

ARTIS 204: Studio Fundamentals: Ceramics

(0-8) Cr. 2. F.S.

Prereq: Open to all students, sophomore level and above. Required of all ISA BFA majors

Half-semester course providing an introduction to ceramic techniques including hand-building, high fire and low fire glaze applications and expressive approaches. The emphasis is on creative communication through ceramics.

ARTIS 206: Studio Fundamentals: Printmaking

(0-8) Cr. 2. F.S.

Prereq: Open to all students, sophomore level and above. Required of all ISA BFA majors.

Introduction to relief, monoprint, lithographic and intaglio printing as methods for visual communication and expression.

ARTIS 208: Color

(0-6) Cr. 3. F.S.

Prereq: DSN S 102, DSN S 131, and DSN S 183. Open to all students, sophomore level and above. Required for all ISA BFA majors.

The impact of changing visual relationships emphasizing physical and psychological and cultural color concepts. Additive and subtractive mixing and color interaction exercises and assignments using various color media.

ARTIS 210: Studio Fundamentals: Photo

(0-8) Cr. 2. F.S.

Prereq: Open to all students, sophomore level and above. Required of all ISA BFA majors.

Introduction to film camera operation and traditional black and white darkroom methods for visual communication and creative expression. Film cameras required for class but may be checked out for short periods during semester.

ARTIS 212: Studio Fundamentals: Computers

(0-8) Cr. 2. F.S.

Prereq: Open to all students, sophomore level and above. Required of all ISA BFA majors.

Half-semester course. Introduction to image acquisition, Adobe PhotoShop and Illustrator.

ARTIS 213: Studio Fundamentals: Painting

(0-8) Cr. 2. F.S.

Prereq: Open to all students, sophomore level and above. Required of all ISA BFA majors.

Half-semester course. Introduction to preparation of painting grounds, color mixing, manipulation of paint and pictorial space as methods for visual communication and expression.

ARTIS 214: Studio Fundamentals: Textiles

(0-8) Cr. 2. F.S.

Prereq: Open to all students, sophomore level and above. Required of all ISA BFA majors.

Half semester course. Introduction to two-dimensional and three-dimensional textile techniques used for visual communication and expression.

ARTIS 227: Introduction to Creative Digital Photography

(0-6) Cr. 3.

Prereq: DSN S 102, DSN S 131 and DSN S 183 or permission of instructor.

This course will include the functions and operations of the digital camera, scanning and other image input devices, digital image manipulation, software usage and support, color management and printing, presentation of images, compositional dynamics and the development of "seeing" as a medium of design, expression, and communication. Students should have access to a good or high quality digital camera with the ability to separately adjust shutter speed, f/stop and exposure, a laptop with updated Adobe Photoshop software, and enough digital storage for all class assignments.

ARTIS 227H: Introduction to Creative Digital Photography: Honors

(0-6) Cr. 3-4.

Prereq: DSN S 102, DSN S 131 and DSN S 183

This course will include the functions and operations of the digital camera, scanning and other image input devices, digital image manipulation, software usage and support, color management and printing, presentation of images, compositional dynamics and the development of "seeing" as a medium of design, expression, and communication. Students should have access to a good or high quality digital camera with the ability to separately adjust shutter speed, f/stop and exposure, a laptop with updated Adobe Photoshop software, and enough digital storage for all class assignments.

ARTIS 229: Introduction to Darkroom Photography

(0-6) Cr. 3.

Prereq: DSN S 102, DSN S 131 and DSN S 183 or permission of instructor

Photography as a creative medium of art, design, expression and communication. Camera techniques and black and white wet lab processing taught. Alternative processes explored as time permits. 35 mm camera with manual exposure controls is required.

ARTIS 229H: Introduction to Darkroom Photography, Honors

(0-6) Cr. 3-4.

Prereq: DSN S 102, DSN S 131 and DSN S 183 or permission of instructor

Photography as a creative medium of art, design, expression and communication. Camera techniques and black and white wet lab processing taught. Alternative processes explored as time permits. 35 mm camera with manual exposure controls is required.

ARTIS 230: Drawing II

(0-6) Cr. 3. F.S.

Prereq: DSN S 102, DSN S 183 and DSN S 131

A continuation of DSN S 131 (Design Representation). Further development of perceptual drawing skills from a variety of subject matter. Continued practice with drawing materials and techniques with emphasis on tonal and color media.

ARTIS 233: Watercolor Painting

(0-6) Cr. 3.

Prereq: ARTIS 230

Fundamentals of painting using water-based media applied to observation-based painting. Subject matter may include working from actual or two-dimensional references of still life, landscape, architectural space, and the human form.

ARTIS 233H: Watercolor Painting: Honors

(0-6) Cr. 3-4.

Prereq: ARTIS 230

Fundamentals of painting using water-based media applied to observation-based painting. Subject matter may include working from actual or two-dimensional references of still life, landscape, architectural space, and the human form.

ARTIS 238: Painting I

(0-6) Cr. 3. F.S.

Prereq: ARTIS 230

Fundamentals of painting using acrylic and oil media applied to observation-based painting. Subject matter may include working from actual or two-dimensional references of still life, landscape, and the human form.

ARTIS 238H: Painting I: Honors

(0-6) Cr. 3-4. F.S.

Prereq: ARTIS 230

Fundamentals of painting using acrylic and oil media applied to observation-based painting. Subject matter may include working from actual or two-dimensional references of still life, landscape, and the human form.

ARTIS 305: Integrated Media

(Dual-listed with ARTIS 505). (0-6) Cr. 3. Repeatable.

Prereq: 6 credits of 200 level studio

Integration and exploration of materials and methods that combine traditional and innovative approaches. Emphasis on conceptual development.

ARTIS 308: Computer Modeling, Rendering and Virtual Photography

(0-6) Cr. 3.

Prereq: ARTIS 230 or permission of instructor

Introduction to 3D modeling using computer and available software. Modeling, texturing, lighting, and rendering with respect to 3D object and still scene creation.

ARTIS 308H: Computer Modeling, Rendering and Virtual Photography: Honors

(0-6) Cr. 3-4.

Prereq: ARTIS 230 or permission of instructor

Introduction to 3D modeling using computer and available software. Modeling, texturing, lighting, and rendering with respect to 3D object and still scene creation.

ARTIS 310: Sources and Methods of Visual Design

(1-4) Cr. 3.

Study and application of methods used by contemporary artists for the purpose of generating ideas for new work. Field trip.

ARTIS 311: Contemporary Issues in Studio Art

Cr. 3.

Exploration of issues and directions in current art. Readings, discussions, and studio research projects to build an experimental and applied knowledge base for understanding each student's place in the contemporary art world.

ARTIS 319: Studio Furniture

(3-0) Cr. 3. F.

Overview of American studio furniture since 1940 including noted makers, important examples, and diverse approaches. Discussion of workmanship and the principles of furniture design. Field trip.

ARTIS 320: Introduction to Furniture Design

(0-6) Cr. 3.

Prereq: ARTIS 202 or permission of instructor.

Design and production of basic furniture forms in wood. Introduction to power tools. Develop an individual design process including an understanding of scale and proportion. Develop a deeper understanding of wood and the social and environmental implications of choices in regards to materials and processes used in furniture production.

ARTIS 320H: Introduction to Furniture Design: Honors

(0-6) Cr. 3-4.

Prereq: ARTIS 202 or permission of instructor.

Design and production of basic furniture forms in wood. Introduction to power tools. Develop an individual design process including an understanding of scale and proportion. Develop a deeper understanding of wood and the social and environmental implications of choices in regards to materials and processes used in furniture production.

ARTIS 322: Intermediate Ceramics Studio

(0-6) Cr. 3.

Prereq: ARTIS 204

Further investigation of expressive forms and techniques in ceramics; introduction to throwing on the wheel, to exploration of utilitarian and sculptural approaches in the medium, and to glaze research and electric kiln firing.

ARTIS 322H: Intermediate Ceramics Studio: Honors

(0-6) Cr. 3-4.

Prereq: ARTIS 204

Further investigation of expressive forms and techniques in ceramics; introduction to throwing on the wheel, to exploration of utilitarian and sculptural approaches in the medium, and to glaze research and electric kiln firing.

ARTIS 323: Scientific Illustration Principles and Techniques

(Cross-listed with BPM I). (0-6) Cr. 3. Repeatable.

Prereq: 6 credits in art and design and 3 credits in biological sciences

Studio basics and professional techniques in black & white, continuous tone, and color. Emphasis on tools, materials, and rendering.

ARTIS 324: Jewelry/Metalsmithing II

(0-6) Cr. 3.

Prereq: ARTIS 203 or permission of instructor

Continued study of traditional and contemporary metalsmithing fabrication techniques applicable to jewelry and object construction, including container forms. Emphasis on design, modeling and rendering techniques and progressive skill development. Basic stone setting and lost wax casting introduced.

ARTIS 324H: Jewelry/Metalsmithing II: Honors

(0-6) Cr. 3-4.

Prereq: ARTIS 203 or permission of instructor

Continued study of traditional and contemporary metalsmithing fabrication techniques applicable to jewelry and object construction, including container forms. Emphasis on design, modeling and rendering techniques and progressive skill development. Basic stone setting and lost wax casting introduced.

ARTIS 325: Integrated Studio Arts Seminar

(2-0) Cr. 2. Repeatable, maximum of 6 credits.

Prereq: Open to ISA BFA majors

Contemporary issues in studio arts explored through lectures, presentations and critiques.

ARTIS 326: Illustration and Illustration Software

(Cross-listed with BPM I). (0-6) Cr. 3. Repeatable.

Prereq: ARTIS 323

Application of painting, drawing, and image making techniques to communication. Development of technical abilities using illustration software. Digital and print production techniques.

ARTIS 327: Illustration as Communication

(Cross-listed with BPM I). (0-6) Cr. 3.

Prereq: ARTIS 326

Studio problems in illustration emphasizing composition and communication. Problem solving methodologies.

ARTIS 329: Creative Photography

(0-6) Cr. 3. Repeatable, maximum of 6 credits.

Prereq: ARTIS 210 or ARTIS 229 or permission of instructor

Continuation and expansion of concepts and processes from introductory photography. The class begins with advanced film camera techniques and experimentation with medium and large format cameras. It then moves into digital and color photography while also addressing output and presentation. Emphasis will be on the use of photography for visual communication and creative expression.

ARTIS 329H: Creative Photography, Honors

(0-6) Cr. 3-4. Repeatable, maximum of 6 credits.

Prereq: ARTIS 210 or ARTIS 229 or permission of instructor

Continuation and expansion of concepts and processes from introductory photography. The class begins with advanced film camera techniques and experimentation with medium and large format cameras. It then moves into digital and color photography while also addressing output and presentation. Emphasis will be on the use of photography for visual communication and creative expression.

ARTIS 330: Drawing III: Life Drawing

(0-6) Cr. 3. Repeatable.

Prereq: ARTIS 230

Drawing from the human figure.

ARTIS 330H: Drawing III: Life Drawing, Honors

(0-6) Cr. 3-4. Repeatable.

Prereq: ARTIS 230

Drawing from the human figure.

ARTIS 331: Alternative materials for Artist/Designer

(3-0) Cr. 3. Repeatable. F.S.

Prereq: 200 level ISA studio courses, or permission of instructor

Exploration of alternative materials (primarily non-metallics, both natural and manufactured) applicable to the design and creation of small designed objects and adornment. Students will learn additive and reductive processes, experiment with found object inclusion, rubber mold-making, and resin casting. A series of finished pieces will result. Open to all majors in the College of Design.

ARTIS 335: Three-Dimensional Studio

(Cross-listed with ARCH). (1-4) Cr. 3. Repeatable, maximum of 6 credits.

This course deals with three dimensional problems in visual invention, organization, and expression emphasizing creative manipulation of tools, materials, and techniques as means for three dimensional thinking. Projects cover the additive (modeling), subtractive (carving), substitutional (casting) as well as constructive techniques.

ARTIS 337: Application of Scientific Illustration Techniques

(Cross-listed with BPM I). (0-6) Cr. 3. Repeatable, maximum of 6 credits.

S.

Prereq: ARTIS 327

Rendering techniques applied to different types of biological and scientific subjects emphasizing communication. The use of traditional and digital media. Term project required.

ARTIS 338: Painting II

(0-6) Cr. 3. Repeatable.

Prereq: ARTIS 238 or ARTIS 213 and ARTIS 230

Painting using acrylic and oil media; composition and expression.

ARTIS 338H: Painting II: Honors

(0-6) Cr. 3-4. Repeatable.

Prereq: ARTIS 238 or ARTIS 213 and ARTIS 230

Painting using acrylic and oil media; composition and expression.

ARTIS 345: Woven Textile Structures

(0-6) Cr. 3. Repeatable.

Prereq: ARTIS 214 or permission of instructor

Introduction to woven textile construction using commercial and hand-dyed yarns. Emphasis on technical development of weaving as a means for personal expression as well as an understanding of its role within the applied arts.

ARTIS 345H: Woven Textile Structures, Honors

(0-6) Cr. 3-4. Repeatable.

Prereq: ARTIS 214 or permission of instructor

Introduction to woven textile construction using commercial and hand-dyed yarns. Emphasis on technical development of weaving as a means for personal expression as well as an understanding of its role within the applied arts.

ARTIS 346: Textile Surface Design

(0-6) Cr. 3-4. Repeatable. F.S.

Prereq: ARTIS 214 or permission of instructor

Textile hand-dyeing and discharge methods on fabric to create complex surfaces. Other surface embellishment techniques, such as hand and machine stitching and application of textile pigments, will be introduced. Emphasis is on technical skill development and research, as well as creative use of textile surface design techniques for artistic expression.

ARTIS 346H: Textile Surface Design: Honors

(0-6) Cr. 3-4. Repeatable.

Prereq: ARTIS 214 or permission of instructor.

Textile hand-dyeing and discharge methods on fabric to create complex surfaces. Other surface embellishment techniques, such as hand and machine stitching and application of textile pigments, will be introduced. Emphasis is on technical skill development and research, as well as creative use of textile surface design techniques for artistic expression.

ARTIS 347: Printed Textile Design

(0-6) Cr. 3-4. Repeatable. F.S.

Prereq: ARTIS 214 or permission of instructor

Textile hand-printing methods on fabric including block, stencil and screen-printing using dyes, discharging agents and pigments. Digital printing on fabric will be introduced. Experimental printing methods will also be explored. Emphasis on research and development of surface design techniques as a means for personal expression.

ARTIS 347H: Printed Textile Design: Honors

(0-6) Cr. 3-4. Repeatable. F.S.

Prereq: ARTIS 214 or permission of instructor

Textile hand-printing methods on fabric including block, stencil and screen-printing using dyes, discharging agents and pigments. Digital printing on fabric will be introduced. Experimental printing methods will also be explored. Emphasis on research and development of surface design techniques as a means for personal expression.

ARTIS 356: Relief Printmaking: Digital/Traditional

(Dual-listed with ARTIS 556). (0-6) Cr. 3-4. Repeatable, maximum of 6 credits. F.S.

Prereq: ARTIS 206 and ARTIS 230

In-depth exploration of digital or traditional design and block cutting processes (computer/laser cutter/CNC router or drawing/chisels). Use relief printmaking to create a unified body of prints from those blocks. Emphasis is on experimental and creative use of printmaking with study of contemporary trends.

ARTIS 356H: Relief Printmaking: Digital/Traditional, Honors

(0-6) Cr. 3-4. Repeatable, maximum of 6 credits. F.S.

Prereq: ARTIS 206 and ARTIS 230

Explore the techniques and aesthetic qualities of black and white and color relief printmaking with woodcuts, computer/laser cutter/CNC router blocks, or photopolymer plates. Emphasis is on experimental and creative use of printmaking with study of contemporary trends.

ARTIS 357: Intaglio and Monotype Printmaking: Digital / Traditional

(Dual-listed with ARTIS 557). (0-6) Cr. 3-4. Repeatable, maximum of 9 credits. F.S.

Prereq: ARTIS 206 and 230

Explore the techniques and aesthetic qualities of black and white and color intaglio printmaking primarily through etching, aquatint, laser-cut plates and collagraph processes. Students will generate imagery through traditional drawing, collage and digital processes. Unique, one-of-a-kind black and white and color prints from Plexiglas will also be introduced. Emphasis is on experimental and creative use of printmaking for artistic expression.

ARTIS 357H: Intaglio and Monotype Printmaking: Digital / Traditional, Honors

(0-6) Cr. 3-4. Repeatable, maximum of 9 credits. F.S.

Prereq: ARTIS 206 and ARTIS 230

Explore the techniques and aesthetic qualities of black and white and color intaglio printmaking primarily through etching, aquatint, laser-cut plates and collagraph processes. Students will generate imagery through traditional drawing, collage and digital processes. Unique, one-of-a-kind black and white and color prints from Plexiglas will also be introduced. Emphasis is on experimental and creative use of printmaking for artistic expression.

ARTIS 358: Lithography: Digital / Traditional

(Dual-listed with ARTIS 558). (0-6) Cr. 3. Repeatable. F.S.

Prereq: ARTIS 206 and credit or enrollment in ARTIS 230

Examine the techniques and aesthetic qualities of lithography primarily through hand-drawn and photographic plates. Students may generate imagery through traditional drawing, collage or digital processes. Emphasis is on experimental and creative use of printmaking for artistic expression. For those taking the course for a second semester, focus is on stone lithography and increased work with color.

ARTIS 358H: Lithography: Digital / Traditional, Honors

(0-6) Cr. 3-4. Repeatable. F.S.

Prereq: ARTIS 206 and credit or enrollment in ARTIS 230

Examine the techniques and aesthetic qualities of lithography primarily through hand-drawn and photographic plates. Students may generate imagery through traditional drawing, collage or digital processes. Emphasis is on experimental and creative use of printmaking for artistic expression. For those taking the course for a second semester, focus is on stone lithography and increased work with color.

ARTIS 360: Sustainable Design and Fabrication of Furniture

(0-6) Cr. 3. F.S.

An introduction to issues of design and fabrication of furniture focusing on sustainability. Exploration of the effect of consumers on design and how this affects our environment and our global society.

ARTIS 362: Artists, Designer and Sustainable Development

(0-6) Cr. 3. S.

Prereq: Junior level standing in the University

The artist/designer's role in sustainable development with a focus on cultural understanding of the collaborating communities. Class discussion, visual exercises, and the creation of creative collaborative service-learning projects such as product design, habitat design, and visual arts projects. Preorientation for travel to Ghana in ARTIS 363. Meets International Perspectives Requirement.

ARTIS 363: Studio Abroad: Ghana

(0-6) Cr. 3. SS.

Prereq: ARTIS 362

Traveling studio to Ghana, West Africa; an experiential tour of arts and history combined with design focused collaborative service-learning projects. Projects may include product development, design consultation, sustainable building design, and learning and teaching of visual arts. Student teams will develop projects in partnership with Ghanaians. Meets International Perspectives Requirement.

ARTIS 375: Introduction to Interactive Art

(0-6) Cr. 3.

Prereq: ARTIS 212 or Permission of Instructor.

Introduction to the tools required to create interactive artworks and kinetic sculptures. Students will learn how to build simple mechanical artworks and control those artworks with custom fabricated electronics. Students will use CNC routers, Laser Cutters and other computer assisted equipment to realize their projects.

ARTIS 399: BFA Professional Practice

(2-0) Cr. 2. S.

Prereq: Junior classification in ISA BFA curriculum.

Introduction to professional practices including development of portfolio (visual and written components). Lecture and presentation topics include applying to graduate school, internships, applying for jobs, grants/funding opportunities, professional networking, exhibition opportunities, and best practices for studio artists. Half-semester course. Required of all ISA majors.

ARTIS 407: Principles of 3D Character Animation

(Dual-listed with ARTIS 507). (0-6) Cr. 3. Repeatable, maximum of 9 credits.

Prereq: ARTIS 308

Animation techniques using the computer and available software. Principles of character animation. Prior knowledge of modeling, lighting, texturing and rendering with available software is assumed.

ARTIS 408: Principles of 3D Animation

(0-6) Cr. 3. Repeatable.

Prereq: ARTIS 308

Animation techniques using the computer and available software. Principles of animation. Prior knowledge of modeling, lighting, texturing, animation and rendering with computer and available software is assumed.

ARTIS 408H: Principles of 3D Animation: Honors

(0-6) Cr. 3-4. Repeatable.

Prereq: ARTIS 308

Animation techniques using the computer and available software. Principles of animation. Prior knowledge of modeling, lighting, texturing, animation and rendering with computer and available software is assumed.

ARTIS 409: Computer/Video Game Design and Development

(Dual-listed with ARTIS 509). (0-6) Cr. 3. Repeatable, maximum of 12 credits.

Prereq: Permission of instructor. Programming emphasis: COM S 227, COM S 228, COM S 229 or equivalent in engineering; art or graphics emphasis: ARTIS 230 and ARTIS 308; writing emphasis: an English course in creative writing or writing screen plays; business or marketing students: Junior classification Independent project based creation and development of "frivolous and non-frivolous" computer games in a cross-disciplinary team. Projects require cross-disciplinary teams. Aspects of Indie development and computer/video game history will be discussed.

ARTIS 420: Advanced Furniture Design

(Dual-listed with ARTIS 520). (0-6) Cr. 3-4. Repeatable, maximum of 12 credits. F.S.

Prereq: ARTIS 320

Design and creation of more complex furniture forms with consideration of precedents and innovative techniques and approaches. Continued development of a unique personal approach to the design and making of furniture. Refine your sensitivity to wood and understand the social and environmental implications of various materials used in furniture design and production.

ARTIS 420H: Advanced Furniture Design: Honors

(0-6) Cr. 3-4. Repeatable, maximum of 12 credits. F.S.

Prereq: ARTIS 320

Design and creation of more complex furniture forms with consideration of precedents and innovative techniques and approaches. Continued development of a unique personal approach to the design and making of furniture. Refine your sensitivity to wood and understand the social and environmental implications of various materials used in furniture design and production.

ARTIS 422: Ceramics Studio

(Dual-listed with ARTIS 522). (0-6) Cr. 3. Repeatable, maximum of 12 credits. F.S.

Prereq: ARTIS 322

In-depth investigation of ceramic forms and research into surfaces with an emphasis on personal art expression. Gas kiln firings, research into contemporary ceramic artists and development of increasingly skilled work are emphasized. Advanced students are expected to be capable of independent research. Focus is placed on portfolio development.

ARTIS 422H: Ceramics Studio: Honors

(0-6) Cr. 3-4. Repeatable, maximum of 12 credits. F.S.

Prereq: ARTIS 322

In-depth investigation of ceramic forms and research into surfaces with an emphasis on personal art expression. Gas kiln firings, research into contemporary ceramic artists and development of increasingly skilled work are emphasized. Advanced students are expected to be capable of independent research. Focus is placed on portfolio development.

ARTIS 424: Jewelry/Metalsmithing III

(Dual-listed with ARTIS 524). (0-6) Cr. 3. Repeatable, maximum of 12 credits. F.S.

Prereq: ARTIS 324 or permission of instructor

Emphasis on metal fabrication and hollow construction techniques applicable to jewelry, functional objects and sculptural art forms. Processes introduced include raising, forming, and anticlastic shell forming techniques. Introduction to mechanisms and tool making. Advanced students are encouraged to integrate alternative materials and technologies. A focus is placed on independent research, professional engagement and portfolio development.

ARTIS 424H: Jewelry/Metalsmithing III: Honors

(0-6) Cr. 3. Repeatable, maximum of 12 credits. F.S.

Prereq: ARTIS 324 or permission of instructor

Emphasis on metal fabrication and hollow construction techniques applicable to jewelry, functional objects and sculptural art forms. Processes introduced include raising, forming, and anticlastic shell forming techniques. Introduction to mechanisms and tool making. Advanced students are encouraged to integrate alternative materials and technologies. A focus is placed on independent research, professional engagement and portfolio development.

ARTIS 429: Advanced Photography

(Dual-listed with ARTIS 529). (0-6) Cr. 3. Repeatable. F.S.

Prereq: ARTIS 329

Independent, advanced work in traditional alternative and/or digital photographic processes. Emphasis is on development of a unified body of work and research into contemporary photographers and aesthetic concern.

ARTIS 429H: Advanced Photography: Honors

(0-6) Cr. 3-4. Repeatable. F.S.

Prereq: ARTIS 329

Independent, advanced work in traditional alternative and/or digital photographic processes. Emphasis is on development of a unified body of work and research into contemporary photographers and aesthetic concern.

ARTIS 430: Drawing IV

(Dual-listed with ARTIS 530). (0-6) Cr. 3. Repeatable, maximum of 9 credits. F.S.

Prereq: ARTIS 330

Figurative and/or non-figurative drawing with advanced work in media, composition, and theory.

ARTIS 430H: Drawing IV: Honors

(0-6) Cr. 3-4. Repeatable, maximum of 9 credits. F.S.

Prereq: ARTIS 330

Figurative and/or non-figurative drawing with advanced work in media, composition, and theory.

ARTIS 438: Painting III

(Dual-listed with ARTIS 538). (0-6) Cr. 3. Repeatable, maximum of 9 credits. F.S.

Prereq: ARTIS 338

Figurative and non-figurative painting with advanced work in media, composition, and theory.

ARTIS 438H: Painting III: Honors

(0-6) Cr. 3-4. Repeatable, maximum of 9 credits. F.S.

Prereq: ARTIS 338

Figurative and non-figurative painting with advanced work in media, composition, and theory.

ARTIS 447: Printed Textile Design

(Dual-listed with ARTIS 547). (0-6) Cr. 3. Repeatable. F.S.

Prereq: ARTIS 347 or permission of instructor.

Exploration of hand-printing methods on fabric including block, stencil, and screen-printing using dyes, discharging agents, and pigments. Individualized research and development of surface design techniques as means for personal expression.

ARTIS 448: Digital Textile Design

(Dual-listed with ARTIS 548). (0-6) Cr. 3. Repeatable. F.S.

Prereq: Junior classification in either College of Design or Apparel, Merchandising, Design

This hands-on studio course will allow students to explore digital printing technology and its application to textile design for those working within industry as well as independent studio practitioners. Digital design development includes pattern repeats and photo manipulation to create unique textile designs for fashion, interior and fine art applications.

ARTIS 458: Advanced Printmaking

(0-6) Cr. 3. Repeatable. F.S.

Prereq: ARTIS 356, ARTIS 357, or ARTIS 358, and permission of instructor

Independent, advanced work in printmaking processes. Emphasis is on development of a unified body of work and research into contemporary artists.

ARTIS 458H: Advanced Printmaking: Honors

(0-6) Cr. 3-4. Repeatable. F.S.

Prereq: ARTIS 356, ARTIS 357, or ARTIS 358, and permission of instructor

Independent, advanced work in printmaking processes. Emphasis is on development of a unified body of work and research into contemporary artists.

ARTIS 473: Video Art

(Dual-listed with ARTIS 573). (0-6) Cr. 3.

Prereq: ARTIS 212 or permission of instructor

Usage of professional video editing software and application of best practices for video production and post-production to realize original artworks. Creation of narrative and non-narrative videos and site specific video installations. prominent examples in the history of video art provide context for the coursework. Non-repeatable for graduate students.

ARTIS 482: Selected Topics in Studio Art

(Dual-listed with ARTIS 582). Cr. 1-3. Repeatable. F.S.

Prereq: Permission of instructor

Special issues related to studio art. Topics vary each time offered.

ARTIS 490: Independent Study

Cr. 1-6. Repeatable. F.S.SS.

Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment

Student must have completed craft design coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 490B: Independent Study: Ceramics

Cr. 1-6. Repeatable.

Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment

Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 490C: Independent Study: Computer Art and Design

Cr. 1-6. Repeatable.

Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment

Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 490D: Independent Study: Drawing

Cr. 1-6. Repeatable.

Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment

Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 490E: Independent Study: Textiles

Cr. 1-6. Repeatable.

Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment

Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 490F: Independent Study: Illustration

Cr. 1-6. Repeatable.

Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment

Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 490G: Independent Study: Metals

Cr. 1-6. Repeatable.

Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment

Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 490H: Independent Study: Honors

Cr. 1-6. Repeatable.

Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment

Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 490I: Independent Study: Painting

Cr. 1-6. Repeatable.

Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment

Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 490J: Independent Study: Photography

Cr. 1-6. Repeatable.

Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment

Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 490K: Independent Study: Printmaking

Cr. 1-6. Repeatable.

Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment

Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 490L: Independent Study: Furniture

Cr. 1-6. Repeatable.

Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment

Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 490M: Independent Study: Mixed Media

Cr. 1-6. Repeatable.

Prereq: Written approval of instructor and department chair on required form in advance of semester of enrollment

Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 491: Post Baccalaureate Capstone Course

Cr. 1. F.S.

Prereq: Enrollment in Post Baccalaureate Program.

Exhibition of artwork completed in the Post Baccalaureate program, required for fulfillment of certificate. Offered on a satisfactory-fail basis only.

ARTIS 493: Workshop

Cr. 1-3. Repeatable. SS.

Prereq: Permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 493B: Workshop: Ceramics

Cr. 1-3. Repeatable.

Prereq: Permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 493C: Workshop: Computer Art and Design

Cr. 1-3. Repeatable.

Prereq: Permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 493D: Workshop: Drawing

Cr. 1-3. Repeatable.

Prereq: Permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 493E: Workshop: Textiles

Cr. 1-3. Repeatable.

Prereq: Permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 493F: Workshop: Illustration

Cr. 1-3. Repeatable.

Prereq: Permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 493G: Workshop: Metals

Cr. 1-3. Repeatable.

Prereq: Permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 493H: Workshop: Honors

Cr. 1-3. Repeatable.

Prereq: Permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 493I: Workshop: Painting

Cr. 1-3. Repeatable.

Prereq: Permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 493J: Workshop: Photography

Cr. 1-3. Repeatable.

Prereq: Permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 493K: Workshop: Printmaking

Cr. 1-3. Repeatable.

Prereq: Permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 493L: Workshop: Furniture

Cr. 1-3. Repeatable.

Prereq: Permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 493M: Workshop: Mixed Media

Cr. 1-3. Repeatable.

Prereq: Permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 494: Integrated Studio Arts in Europe Seminar

(1-0) Cr. 1.

Prereq: Permission of instructor and planned enrollment in ARTIS 495

Cultural and historical aspects of art and design in Western Europe in preparation for study abroad. Area of study varies each time offered. Offered on a satisfactory-fail basis only. Offered on a satisfactory-fail basis only.

Meets International Perspectives Requirement.

ARTIS 495: Integrated Studio Arts in Europe

(Dual-listed with ARTIS 595). Cr. 3.

Prereq: Graduate classification, ARTIS 494 or equivalent, permission of instructor

International study abroad program in western Europe. Visits to design studios, art museums, and educational facilities. Related activities depending on specific area of study which may vary each time offered. Meets International Perspectives Requirement.

ARTIS 496: Art and Design Field Study

Cr. R. Repeatable.

Prereq: Concurrent enrollment in an art and design studio or integrated studio arts course and permission of instructor

Study and tours of museums, galleries, artist and/or designer studios and other areas of interest within art and design. Offered on a satisfactory-fail basis only.

ARTIS 497: Studio Internship

Cr. 1-6. Repeatable, maximum of 6 credits.

Prereq: Advanced classification in a department curriculum

Written approval of supervising instructor and department chair on required form in advance of semester of enrollment. Supervised experience with a cooperating artist or studio. Offered on a satisfactory-fail basis only. Offered on a satisfactory-fail basis only.

ARTIS 499: BFA Exhibition

(1-0) Cr. 1. S.

Prereq: ARTIS 399 and senior classification in the ISA BFA Curriculum.

Capstone experience for the BFA degree, including the refinement of a final portfolio (visual and written components). Guest lecturers cover range of topics relevant to the professional practice of art and design. Course culminates in the planning, design and installation of the BFA group exhibition in a formal gallery setting. Half-semester course. Required of all ISA majors.

Courses primarily for graduate students, open to qualified undergraduates:**ARTIS 505: Integrated Media**

(Dual-listed with ARTIS 305). (0-6) Cr. 3. Repeatable.

Prereq: 6 credits of 200 level studio

Integration and exploration of materials and methods that combine traditional and innovative approaches. Emphasis on conceptual development.

ARTIS 507: Principles of 3D Character Animation

(Dual-listed with ARTIS 407). (0-6) Cr. 3. Repeatable, maximum of 9 credits.

Prereq: ARTIS 308

Animation techniques using the computer and available software. Principles of character animation. Prior knowledge of modeling, lighting, texturing and rendering with available software is assumed.

ARTIS 508: Computer Aided Animation and Visualization

(0-6) Cr. 3. Repeatable, maximum of 6 credits.

Prereq: ARTIS 408 or graduate classification and permission of instructor

Further investigations begun in ARTIS 408. Attention given to the workflow and management of creating animation and visualizations.

ARTIS 509: Computer/Video Game Design and Development

(Dual-listed with ARTIS 409). (0-6) Cr. 3. Repeatable, maximum of 12 credits.

Prereq: Permission of instructor. Programming emphasis: COM S 227, COM S 228, COM S 229 or equivalent in engineering; art or graphics emphasis: ARTIS 230 and ARTIS 308; writing emphasis: an English course in creative writing or writing screen plays; business or marketing students: Junior classification Independent project based creation and development of "frivolous and non-frivolous" computer games in a cross-disciplinary team. Projects require cross-disciplinary teams. Aspects of Indie development and computer/video game history will be discussed.

ARTIS 511: Seminar in Teaching

(3-0) Cr. 3.

Prereq: Graduate classification

Readings and discussion of university level design education issues, studio/classroom observation, development of a teaching philosophy, lesson planning and presentation.

ARTIS 520: Advanced Furniture Design

(Dual-listed with ARTIS 420). (0-6) Cr. 3-4. Repeatable, maximum of 12 credits. F.S.

Prereq: ARTIS 320

Design and creation of more complex furniture forms with consideration of precedents and innovative techniques and approaches. Continued development of a unique personal approach to the design and making of furniture. Refine your sensitivity to wood and understand the social and environmental implications of various materials used in furniture design and production.

ARTIS 522: Ceramics Studio

(Dual-listed with ARTIS 422). (0-6) Cr. 3. Repeatable, maximum of 12 credits. F.S.

Prereq: ARTIS 322

In-depth investigation of ceramic forms and research into surfaces with an emphasis on personal art expression. Gas kiln firings, research into contemporary ceramic artists and development of increasingly skilled work are emphasized. Advanced students are expected to be capable of independent research. Focus is placed on portfolio development.

ARTIS 524: Jewelry/Metalsmithing III

(Dual-listed with ARTIS 424). (0-6) Cr. 3. Repeatable, maximum of 12 credits. F.S.

Prereq: ARTIS 324 or permission of instructor

Emphasis on metal fabrication and hollow construction techniques applicable to jewelry, functional objects and sculptural art forms. Processes introduced include raising, forming, and anticlastic shell forming techniques. Introduction to mechanisms and tool making. Advanced students are encouraged to integrate alternative materials and technologies. A focus is placed on independent research, professional engagement and portfolio development.

ARTIS 529: Advanced Photography

(Dual-listed with ARTIS 429). (0-6) Cr. 3. Repeatable. F.S.

Prereq: ARTIS 329

Independent, advanced work in traditional alternative and/or digital photographic processes. Emphasis is on development of a unified body of work and research into contemporary photographers and aesthetic concern.

ARTIS 530: Drawing IV

(Dual-listed with ARTIS 430). (0-6) Cr. 3. Repeatable, maximum of 9 credits. F.S.

Prereq: ARTIS 330

Figurative and/or non-figurative drawing with advanced work in media, composition, and theory.

ARTIS 538: Painting III

(Dual-listed with ARTIS 438). (0-6) Cr. 3. Repeatable, maximum of 9 credits. F.S.

Prereq: ARTIS 338

Figurative and non-figurative painting with advanced work in media, composition, and theory.

ARTIS 547: Printed Textile Design

(Dual-listed with ARTIS 447). (0-6) Cr. 3. Repeatable. F.S.

Prereq: ARTIS 347 or permission of instructor.

Exploration of hand-printing methods on fabric including block, stencil, and screen-printing using dyes, discharging agents, and pigments. Individualized research and development of surface design techniques as means for personal expression.

ARTIS 548: Digital Textile Design

(Dual-listed with ARTIS 448). (0-6) Cr. 3. Repeatable. F.S.

Prereq: Junior classification in either College of Design or Apparel, Merchandising, Design

This hands-on studio course will allow students to explore digital printing technology and its application to textile design for those working within industry as well as independent studio practitioners. Digital design development includes pattern repeats and photo manipulation to create unique textile designs for fashion, interior and fine art applications.

ARTIS 556: Relief Printmaking: Digital/Traditional

(Dual-listed with ARTIS 356). (0-6) Cr. 3-4. Repeatable, maximum of 6 credits. F.S.

Prereq: ARTIS 206 and ARTIS 230

In-depth exploration of digital or traditional design and block cutting processes (computer/laser cutter/CNC router or drawing/chisels). Use relief printmaking to create a unified body of prints from those blocks. Emphasis is on experimental and creative use of printmaking with study of contemporary trends.

ARTIS 557: Intaglio and Monotype Printmaking: Digital / Traditional

(Dual-listed with ARTIS 357). (0-6) Cr. 3-4. Repeatable, maximum of 9 credits. F.S.

Prereq: ARTIS 206 and 230

Explore the techniques and aesthetic qualities of black and white and color intaglio printmaking primarily through etching, aquatint, laser-cut plates and collagraph processes. Students will generate imagery through traditional drawing, collage and digital processes. Unique, one-of-a-kind black and white and color prints from Plexiglas will also be introduced. Emphasis is on experimental and creative use of printmaking for artistic expression.

ARTIS 558: Lithography: Digital / Traditional

(Dual-listed with ARTIS 358). (0-6) Cr. 3. Repeatable. F.S.

Prereq: ARTIS 206 and credit or enrollment in ARTIS 230

Examine the techniques and aesthetic qualities of lithography primarily through hand-drawn and photographic plates. Students may generate imagery through traditional drawing, collage or digital processes. Emphasis is on experimental and creative use of printmaking for artistic expression. For those taking the course for a second semester, focus is on stone lithography and increased work with color.

ARTIS 571: Critique Seminar

(2-0) Cr. 2.

Prereq: Admission into graduate program in the College of Design

Ongoing weekly critiques and dialog about sources, methods, and progress of studio projects. Graduate students will learn to articulate their ideas from concept to creation. The interaction of students at different levels in a broad spectrum of studio courses will reveal commonalities and connections between all of the visual arts, accelerating individual creative development.

ARTIS 571A: Critique Seminar: Grants, Residencies, Exhibitions

(2-0) Cr. 2.

Prereq: Admission into graduate program in the College of Design

Ongoing critiques and dialog about progress of studio projects. Graduate students will learn to articulate their ideas from concept to creation. Emphasis will be on the examination of professional practices of artists.

ARTIS 571B: Critique Seminar: Entrepreneurialism

(2-0) Cr. 2.

Prereq: Admission into graduate program in the College of Design

Ongoing critiques and dialog about progress of studio projects. Graduate students will learn to articulate their ideas from concept to creation. Emphasis will be on the examination of creative business opportunities related to students' areas of interest.

ARTIS 571C: Critique Seminar: Critique and Creative Process

(2-0) Cr. 2. Repeatable, maximum of 4 credits.

Prereq: Admission into graduate program in the College of Design

Ongoing weekly critiques and dialog about sources, methods, and progress of studio projects. Graduate students will learn to articulate their ideas from concept to creation. The interaction of students at different levels in a broad spectrum of studio courses will reveal commonalities and connections between all of the visual arts, accelerating individual creative development.

ARTIS 573: Video Art

(Dual-listed with ARTIS 473). (0-6) Cr. 3.

Prereq: ARTIS 212 or permission of instructor

Usage of professional video editing software and application of best practices for video production and post-production to realize original artworks. Creation of narrative and non-narrative videos and site specific video installations. prominent examples in the history of video art provide context for the coursework. Non-repeatable for graduate students.

ARTIS 582: Selected Topics in Studio Art

(Dual-listed with ARTIS 482). Cr. 1-3. Repeatable. F.S.

Prereq: Permission of instructor

Special issues related to studio art. Topics vary each time offered.

ARTIS 590: Special Topics

Cr. arr. F.S.SS.

Prereq: Bachelor degree in art and/or design, or evidence of satisfactory equivalency in specialized area

Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 590B: Special Topics: Ceramics

Cr. arr.

Prereq: Bachelor degree in art and/or design, or evidence of satisfactory equivalency in specialized area

Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 590C: Special Topics: Computer Art and Design

Cr. arr.

Prereq: Bachelor degree in art and/or design, or evidence of satisfactory equivalency in specialized area

Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 590D: Special Topics: Drawing

Cr. arr.

Prereq: Bachelor degree in art and/or design, or evidence of satisfactory equivalency in specialized area

Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 590E: Special Topics: Textiles

Cr. arr.

Prereq: Bachelor degree in art and/or design, or evidence of satisfactory equivalency in specialized area

Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 590F: Special Topics: Illustration

Cr. arr.

Prereq: Bachelor degree in art and/or design, or evidence of satisfactory equivalency in specialized area

Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 590G: Special Topics: Metals

Cr. arr.

Prereq: Bachelor degree in art and/or design, or evidence of satisfactory equivalency in specialized area

Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 590I: Special Topics: Painting

Cr. arr.

Prereq: Bachelor degree in art and/or design, or evidence of satisfactory equivalency in specialized area

Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 590J: Special Topics: Photography

Cr. arr.

Prereq: Bachelor degree in art and/or design, or evidence of satisfactory equivalency in specialized area

Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 590K: Special Topics: Printmaking

Cr. arr.

Prereq: Bachelor degree in art and/or design, or evidence of satisfactory equivalency in specialized area

Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 590L: Special Topics: Furniture

Cr. arr.

Prereq: Bachelor degree in art and/or design, or evidence of satisfactory equivalency in specialized area

Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 590M: Special Topics: Mixed Media

Cr. arr.

Prereq: Bachelor degree in art and/or design, or evidence of satisfactory equivalency in specialized area

Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 593: Workshop

Cr. 1-3. Repeatable. SS.

Prereq: Graduate classification and permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 593B: Workshop: Ceramics

Cr. 1-3. Repeatable.

Prereq: Graduate classification and permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 593C: Workshop: Computer Art and Design

Cr. 1-3. Repeatable.

Prereq: Graduate classification and permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 593D: Workshop: Drawing

Cr. 1-3. Repeatable.

Prereq: Graduate classification and permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 593E: Workshop: Textiles

Cr. 1-3. Repeatable.

Prereq: Graduate classification and permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 593F: Workshop: Illustration

Cr. 1-3. Repeatable.

Prereq: Graduate classification and permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 593G: Workshop: Metals

Cr. 1-3. Repeatable.

Prereq: Graduate classification and permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 593I: Workshop: Painting

Cr. 1-3. Repeatable.

Prereq: Graduate classification and permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 593J: Workshop: Photography

Cr. 1-3. Repeatable.

Prereq: Graduate classification and permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 593K: Workshop: Printmaking

Cr. 1-3. Repeatable.

Prereq: Graduate classification and permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 593L: Workshop: Furniture

Cr. 1-3. Repeatable.

Prereq: Graduate classification and permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 593M: Workshop: Mixed Media

Cr. 1-3. Repeatable.

Prereq: Graduate classification and permission of instructor

Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 595: Integrated Studio Arts in Europe

(Dual-listed with ARTIS 495). Cr. 3.

Prereq: Graduate classification, ARTIS 494 or equivalent, permission of instructor

International study abroad program in western Europe. Visits to design studios, art museums, and educational facilities. Related activities depending on specific area of study which may vary each time offered. Meets International Perspectives Requirement.

Courses for graduate students:**ARTIS 605: Research Methods**

(3-0) Cr. 3.

Prereq: Permission of instructor

Research strategies related to fine art and technology. Application of selected methods to specific issues.

ARTIS 607: Intermedia

(0-6) Cr. 3. F.S.

Prereq: Graduate classification and permission of instructor.

Exploration and application of media with various materials, methods and ideas.

ARTIS 697: Studio Internship

Cr. arr.

Prereq: Graduate classification and approval of POS committee

Supervised off-campus learning experience with a prominent artist, designer, or firm.

ARTIS 698: Current Issues in Studio Arts

Cr. 1-3. Repeatable, maximum of 9 credits. F.S.

Prereq: Graduate classification and permission of instructor.

Selected issues in contemporary studio arts. Topics and readings vary each time offered.

ARTIS 699: Research

Cr. arr. Repeatable.

Research in Integrated Studio Arts.

ARTIS 699A: Research: Thesis

Cr. arr. Repeatable.

Research thesis.

ARTIS 699B: Research: Thesis-exhibition

Cr. arr. Repeatable.

Research exhibition.