INTEGRATED STUDIO ARTS (ARTIS)

Courses primarily for undergraduates:

ARTIS 1700: Exploring the Visual Arts
Credits: 3. Contact Hours: Lecture 3.
Visual arts and how it relates to individuals, their community, and the importance in a cultural and global context. Understand vocabulary of the visual arts, and develop strategies for observation and critical thinking through assignments including reflective writing and observational analysis on various works of art. Engage with various visual art topics and disciplines such as: defining what art is, learning about types of art and its use and meaning of materials, how art plays a role in the expression of humanity, and how personal awareness and perspective can benefit from the engagement of art. Meets International Perspectives Requirement. (Typically Offered: Fall, Spring)

ARTIS 2010: Creative Visual Thinking
Credits: 3.
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. (Typically Offered: Fall, Spring)

ARTIS 2020: Studio Fundamentals: Wood
Credits: 2. Contact Hours: Studio 4.
Prereq: Sophomore classification
Half-semester course. Introduction to wood's physical properties, its potential as an expressive medium, and basic wood working hand tools and techniques. (Typically Offered: Fall, Spring)

ARTIS 2030: Studio Fundamentals: Jewelry/Metalsmithing
Credits: 2. Contact Hours: Studio 4.
Prereq: Sophomore classification
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. (Typically Offered: Fall, Spring)

ARTIS 2040: Studio Fundamentals: Ceramics
Credits: 2. Contact Hours: Studio 4.
Prereq: Sophomore classification
Half-semester course providing an introduction to ceramic techniques including hand-building, high fire and low fire glaze applications and expressive approaches that will be applied to two projects. The emphasis is on creative communication through ceramics. (Typically Offered: Fall, Spring)

ARTIS 2060: Studio Fundamentals: Printmaking
Credits: 2. Contact Hours: Studio 4.
Prereq: Sophomore classification
Introduction to relief, monoprint, intaglio, lithography, and screen printing as methods for visual communication and expression. (Typically Offered: Fall, Spring)

ARTIS 2080: Color
Credits: 2. Contact Hours: Studio 8.
Prereq: Sophomore classification
Half-semester course. Introduction to color theory and color systems using various media for visual communication and creative expression. (Typically Offered: Fall, Spring)

ARTIS 2100: Studio Fundamentals: Photo
Credits: 2. Contact Hours: Studio 4.
Prereq: Sophomore classification
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. (Typically Offered: Fall, Spring)

ARTIS 2120: Studio Fundamentals: Digital Media
Credits: 3. Contact Hours: Studio 6.
Prereq: Sophomore classification
Introduction to digital media tools and concepts and digital fabrication processes to create two dimensional, three dimensional, and time-based artworks. Students will be introduced to major digital art and design software packages. (Typically Offered: Fall, Spring)

ARTIS 2130: Studio Fundamentals: Painting
Credits: 2. Contact Hours: Studio 4.
Prereq: Sophomore classification
Half-semester course. Introduction to preparation of painting grounds, color mixing, manipulation of paint and pictorial space as methods for visual communication and expression. (Typically Offered: Fall, Spring)

ARTIS 2140: Studio Fundamentals: Textiles
Credits: 2. Contact Hours: Studio 4.
Prereq: Sophomore classification
Half semester course. Introduction to two-dimensional and three-dimensional textile techniques used for visual communication and expression. (Typically Offered: Fall, Spring)

ARTIS 2270: Introduction to Creative Digital Photography
Credits: 3. Contact Hours: Studio 6.
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 2270H: Introduction to Creative Digital Photography: Honors
Credits: 3-4. Contact Hours: Studio 6.
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 2300: Drawing II
Credits: 3. Contact Hours: Studio 6.
Prereq: DSNS 1020*,* DSNS 1310*, and* DSNS 1830
A continuation of DSNS 1310. 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. (Typically Offered: Fall, Spring)

ARTIS 2330: Watercolor Painting
Credits: 3. Contact Hours: Studio 6.
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 2330H: Watercolor Painting: Honors
Credits: 3-4. Contact Hours: Studio 6.
Prereq: ARTIS 2300
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 2380: Painting I
Credits: 3. Contact Hours: Studio 6.
Prereq: ARTIS 2300
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. (Typically Offered: Fall, Spring)

ARTIS 2380H: Painting I: Honors
Credits: 3-4. Contact Hours: Studio 6.
Prereq: ARTIS 2300
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. (Typically Offered: Fall, Spring)

ARTIS 3050: Collage, Assemblage, and the Found Object
(Dual-listed with ARTIS 5050).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Prereq: Instructor Permission for Course
Explores the significance of recycling, sustainable methods of art making, and thrift-store culture as medium and subject matter for artists in both 2D and 3D studio projects. Through selected readings, slide presentations, and studio activities, we will address the environmental cause and effect of materials and methods, consumption and waste, and personal responsibility as stewards for the planet we share. Emphasis will be on conceptual development.

ARTIS 3080: Computer Modeling, Rendering and Virtual Photography
Credits: 3.
Introduction to 3D modeling using computer and available software. Modeling, texturing, lighting, and rendering with respect to 3D object and still scene creation.

ARTIS 3080H: Computer Modeling, Rendering and Virtual Photography: Honors
Credits: 3-4. Contact Hours: Lecture 9.5.
Introduction to 3D modeling using computer and available software. Modeling, texturing, lighting, and rendering with respect to 3D object and still scene creation.

ARTIS 3100: Sources and Methods of Visual Art
Credits: 3.
Study and application of methods used by contemporary artists for the purpose of generating ideas for new work. Field trip.

ARTIS 3110: Contemporary Issues in Studio Art
Credits: 3. Contact Hours: Studio 6.
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 3200: Introduction to Furniture Design
Credits: 3. Contact Hours: Studio 6.
Prereq: ARTIS 2020 *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 issues of sustainability in furniture design.

ARTIS 3200H: Introduction to Furniture Design: Honors
Credits: 3-4. Contact Hours: Studio 6.
Prereq: ARTIS 2020 *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 issues of sustainability in furniture design.

ARTIS 3220: Intermediate Ceramics Studio
Credits: 3. Contact Hours: Studio 6.
Prereq: ARTIS 2040 *or permission of instructor.*
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-making research and electric kiln firing.

ARTIS 3220H: Intermediate Ceramics Studio: Honors
Credits: 3-4. Contact Hours: Studio 6.
Prereq: ARTIS 2040 *or permission of instructor.*
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-making research and electric kiln firing.

ARTIS 3230: Scientific Illustration Principles and Techniques
(Cross-listed with BPMI 3230).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
*Prereq: (*ARTIS 2300*;* BIOL 2110 *or* BIOL 2120*) or Permission of Instructor*
Studio basics and professional techniques in black & white, continuous tone, and color. Introduction to professional practice and principles of communicating science through art. Emphasis on tools, materials, and rendering.

ARTIS 3240: Jewelry/Metalsmithing II
Credits: 3. Contact Hours: Studio 6.
Prereq: ARTIS 2030 *or Permission of Instructor*
Hands-on studio experience. Focusing on traditional and contemporary metalsmithing techniques applicable to jewelry, functional objects, and sculptural art forms. Topics include fabrication, forming and cold joinery, with an emphasis on design and progressive skill development. Basic stone setting and lost wax casting introduced.

ARTIS 3240H: Jewelry/Metalsmithing II: Honors
Credits: 3-4. Contact Hours: Studio 6.
Prereq: ARTIS 2030 *or Permission of Instructor*
Hands-on studio experience. Focusing on traditional and contemporary metalsmithing techniques applicable to jewelry, functional objects, and sculptural art forms. Topics include fabrication, forming and cold joinery, with an emphasis on design and progressive skill development. Basic stone setting and lost wax casting introduced.

ARTIS 3250: Integrated Studio Arts Seminar
Credits: 2. Contact Hours: Lecture 2.
Repeatable, maximum of 6 credits.
Contemporary issues in studio arts explored through lectures, presentations and critiques.

ARTIS 3260: Illustration and Illustration Software
(Cross-listed with BPMI 3260).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 3230/BPMI 3230*, or permission of the instructor*
An introduction to digital illustration software. Application of painting, drawing and image making techniques using vector and raster based programs.

ARTIS 3270: Illustration as Communication
(Cross-listed with BPMI 3270).
Credits: 3. Contact Hours: Studio 6.
Prereq: ARTIS 3230/BPMI 3230*, or permission of the instructor*
Investigation of illustration as a form of communication. Emphasis on problem solving, effective composition, and advancement of rendering skills.

ARTIS 3290: Creative Photography
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 6 credits.
Prereq: ARTIS 2100 *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 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 3290H: Creative Photography: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable, maximum of 6 credits.
Prereq: ARTIS 2100 *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 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 3300: Drawing III: Life Drawing
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 2300
Drawing from the human figure.

ARTIS 3300H: Drawing III: Life Drawing: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 2300
Drawing from the human figure.

ARTIS 3310: Alternative materials for Artist/Designer
Credits: 3. Contact Hours: Lecture 3.
Repeatable.
Prereq: 6 credits ARTIS 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 finishedpieces will result. Open to all majors in the College of Design. (Typically Offered: Fall, Spring)

ARTIS 3370: Application of Scientific Illustration Techniques
(Cross-listed with BPMI 3370).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 6 credits.
Prereq: ARTIS 3270
Rendering techniques applied to different types of biological and scientific subjects emphasizing communication. The use of traditional and digital media. Term project required. (Typically Offered: Spring)

ARTIS 3380: Painting II
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 2380 *or* ARTIS 2130 *and* ARTIS 2300
Painting using acrylic and oil media; composition and expression.

ARTIS 3380H: Painting II: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 2380 *or* ARTIS 2130 *and* ARTIS 2300
Painting using acrylic and oil media; composition and expression.

ARTIS 3450: Introduction to Weaving
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 2140 or permission of instructor
Introduction to woven textile construction with emphasis on technical development of weaving as a means for creative expression. Students may explore tapestry, off-loom and/or 4-harness weaving.

ARTIS 3450H: Introduction to Weaving: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 2140 or permission of instructor
Introduction to woven textile construction with emphasis on technical development of weaving as a means for creative expression. Students may explore tapestry, off-loom and/or 4-harness weaving.

ARTIS 3460: Natural Dyes
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Introduction to natural dyes. Course includes a historical overview of natural dyes with attention to global perspectives. Emphasis on technical skill development and application of research in the creation of contemporary textile artwork, apparel and home furnishings. (Typically Offered: Fall, Spring)

ARTIS 3460H: Natural Dyes: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable.
Introduction to natural dyes. Course includes a historical overview of natural dyes with attention to global perspectives. Emphasis on technical skill development and application of research in the creation of contemporary textile artwork, apparel and home furnishings. (Typically Offered: Fall, Spring)

ARTIS 3470: Dyed and Printed Textiles
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Fabric dyeing and printing techniques including block, stencil and experimental screen-printing, and resists using synthetic dyes, discharging agents, and pigments. Printing with plant-based dyes may also be explored. Digital printing and transfer printing on fabric may be introduced. Emphasis on research and development of dyed and printed textile design techniques as a means for creative expression. (Typically Offered: Fall, Spring)

ARTIS 3470H: Printed Textile Design: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable.
Textile hand-printing methods on fabric including block, stencil and experimental screen-printing using synthetic dyes, discharging agents and pigments. Printing with plant-based dyes will also be explored. Digital printing and transfer printing on fabric will be introduced. Emphasis on research and development of printed textile design techniques as a means for personal expression. (Typically Offered: Fall, Spring)

ARTIS 3560: Relief Printmaking: Digital/Traditional
(Dual-listed with ARTIS 5560).
Credits: 3-4. Contact Hours: Studio 6.
Repeatable, maximum of 6 credits.
Prereq: ARTIS 2060 *and credit or enrollment in* ARTIS 2300*, or instructor permission*
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. (Typically Offered: Fall, Spring)

ARTIS 3560H: Relief Printmaking: Digital/Traditional: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable, maximum of 6 credits.
Prereq: ARTIS 2060 *and credit or enrollment in* ARTIS 2300*, or instructor permission*
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. (Typically Offered: Fall, Spring)

ARTIS 3570: Intaglio and Monotype Printmaking: Digital / Traditional
(Dual-listed with ARTIS 5570).
Credits: 3-4. Contact Hours: Studio 6.
Repeatable, maximum of 9 credits.
Prereq: ARTIS 2060 *and credit or enrollment in* ARTIS 2300*, or instructor permission*
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. (Typically Offered: Fall, Spring)

ARTIS 3570H: Intaglio and Monotype Printmaking: Digital/Traditional: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable, maximum of 9 credits.
Prereq: ARTIS 2060 *and credit or enrollment in* ARTIS 2300*, or instructor permission*
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. (Typically Offered: Fall, Spring)

ARTIS 3580: Lithography: Digital / Traditional
(Dual-listed with ARTIS 5580).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 2060 *and credit or enrollment in* ARTIS 2300*, or instructor permission*
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. (Typically Offered: Fall, Spring)

ARTIS 3580H: Lithography: Digital/Traditional: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 2060 *and credit or enrollment in* ARTIS 2300*, or instructor permission*
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. (Typically Offered: Fall, Spring)

ARTIS 3990: BFA Professional Practice
Credits: 2. Contact Hours: Lecture 2.
Prereq: Admission to Integrated Studio Arts BFA; junior classification or above
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. (Typically Offered: Spring)

ARTIS 4060X: Introduction to 3D Organic Modeling in ZBrush
(Cross-listed with BPMI 4060X).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 2 times.
Introduction to organic 3D model creation in ZBrush. Digital clay sculpting informed by traditional techniques. 3D printing pipeline. Emphasis on science research and visual design thinking for science communication. Some experience with other 3D modeling software beneficial, but not required. (Typically Offered: Spring)

ARTIS 4070: Principles of Character Animation
(Dual-listed with ARTIS 5070).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 9 credits.
Prereq: ARTIS 3080
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 4070H: Principles of Character Animation: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable, maximum of 9 credits.
Prereq: ARTIS 3080
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 4080: Principles of 3D Animation
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 3080
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 4080H: Principles of 3D Animation: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 3080
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 4090: Computer/Video Game Design and Development
(Dual-listed with ARTIS 509/ HCI 509).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 12 credits.
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 4090H: Computer/Video Game Design and Development: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable, maximum of 12 credits.
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. (Typically Offered: Fall, Spring, Summer)

ARTIS 4200: Advanced Furniture Design
(Dual-listed with ARTIS 5200).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 12 credits.
Prereq: ARTIS 3200
Design and creation of increasingly 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. Refined sensitivity to wood, and continued consideration of various sustainable practices. (Typically Offered: Fall, Spring)

ARTIS 4200H: Advanced Furniture Design: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable, maximum of 12 credits.
Prereq: ARTIS 3200
Design and creation of increasingly 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. Refined sensitivity to wood, and continued consideration of various sustainable practices. (Typically Offered: Fall, Spring)

ARTIS 4220: Advanced Ceramic Studio
(Dual-listed with ARTIS 5220).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 12 credits.
Prereq: ARTIS 3220
Creation of a body of work in personal ceramic forms and unique surface treatments. Exploration of kiln firings, research into contemporary ceramic artists and development of a body of increasingly skilled work are emphasized. Students are expected to be capable of independent studio work and take responsibility for firings. (Typically Offered: Fall, Spring)

ARTIS 4220H: Advanced Ceramic Studio: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable, maximum of 12 credits.
Prereq: ARTIS 3220
Creation of a body of work in personal ceramic forms and unique surface treatments. Exploration of kiln firings, research into contemporary ceramic artists and development of a body of increasingly skilled work are emphasized. Students are expected to be capable of independent studio work and take responsibility for firings. Honors project developed with supervision from instructor. (Typically Offered: Fall, Spring)

ARTIS 4240: Jewelry/Metalsmithing III
(Dual-listed with ARTIS 5240).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 12 credits.
Prereq: ARTIS 3240 *or Permission of Instructor*
Hands-on studio experience. Focusing on traditional and contemporary metalsmithing techniques applicable to jewelry, functional objects, and sculptural art forms. Topics include fabrication, forming and cold joinery, with an emphasis on design and progressive skill development. Basic stone setting and lost wax casting introduced. (Typically Offered: Fall, Spring)

ARTIS 4240H: Jewelry/Metalsmithing III: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable, maximum of 12 credits.
Prereq: ARTIS 3240 *or Permission of Instructor*
Hands-on studio experience. Focusing on traditional and contemporary metalsmithing techniques applicable to jewelry, functional objects, and sculptural art forms. Topics include fabrication, forming and cold joinery, with an emphasis on design and progressive skill development. Basic stone setting and lost wax casting introduced. (Typically Offered: Fall, Spring)

ARTIS 4290: Advanced Photography
(Dual-listed with ARTIS 5290).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 3290
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. (Typically Offered: Fall, Spring)

ARTIS 4290H: Advanced Photography: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 3290
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. (Typically Offered: Fall, Spring)

ARTIS 4300: Drawing IV
(Dual-listed with ARTIS 5300).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 9 credits.
Prereq: ARTIS 3300
Figurative and/or non-figurative drawing with advanced work in media, composition, and theory. (Typically Offered: Fall, Spring)

ARTIS 4300H: Drawing IV: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable, maximum of 9 credits.
Prereq: ARTIS 3300
Figurative and/or non-figurative drawing with advanced work in media, composition, and theory. (Typically Offered: Fall, Spring)

ARTIS 4310: Character and Scene Design
(Dual-listed with ARTIS 5310).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
*Prereq: (*DSNS 1310*;* ARTIS 2300*;* ARTIS 3300*); or instructor permission*
Drawing directed toward designing characters and environments to be used for telling stories in a variety of contexts. Emphasis on ideation, research, concept art and other process work over finished art. (Typically Offered: Fall)

ARTIS 4320: Sequential Narrative Drawing
(Dual-listed with ARTIS 5320).
Credits: 3. Contact Hours: Studio 6.
*Prereq: (*DSNS 1310*;* ARTIS 2300*;* ARTIS 3300*); or instructor permission*
Studio course in drawing focusing on the fundamentals of communicating a narrative through sequential images in a variety of applications. Emphasis will be placed on visual research, ideation, concept art and process sketching. (Typically Offered: Spring)

ARTIS 4380: Painting III
(Dual-listed with ARTIS 5380).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 9 credits.
Prereq: ARTIS 3380
Figurative and non-figurative painting with advanced work in media, composition, and theory. (Typically Offered: Fall, Spring)

ARTIS 4380H: Painting III: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable, maximum of 9 credits.
Prereq: ARTIS 3380
Figurative and non-figurative painting with advanced work in media, composition, and theory. (Typically Offered: Fall, Spring)

ARTIS 4470: Dyed and Printed Textiles
(Dual-listed with ARTIS 5470).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 3470 *or Permission of Instructor for* ARTIS 4470
Fabric dyeing and printing techniques including block, stencil and experimental screen-printing, and resists using synthetic dyes, discharging agents, and pigments. Printing with plant-based dyes may also be explored. Digital printing and transfer printing on fabric may be introduced. Emphasis on research and development of dyed and printed textile design techniques as a means for creative expression. (Typically Offered: Fall, Spring)

ARTIS 4480: Digital Textile Design
(Dual-listed with ARTIS 5480).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Prereq: Junior classification in College of Design or junior classification in AMD
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. (Typically Offered: Fall, Spring)

ARTIS 4580: Advanced Printmaking
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 3560, ARTIS 3570, or ARTIS 3580, 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. (Typically Offered: Fall, Spring)

ARTIS 4580H: Advanced Printmaking: Honors
Credits: 3-4. Contact Hours: Studio 6.
Repeatable.
Prereq: ARTIS 3560, ARTIS 3570, or ARTIS 3580, 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. (Typically Offered: Fall, Spring)

ARTIS 4600: Sustainable Design and Fabrication of Furniture
Credits: 3. Contact Hours: Studio 6.
Prereq: Senior or Graduate classification or Permission of Instructor
Issues in the design and fabrication of furniture focusing on sustainable practices. An exploration of current practices and their environmental effects, consumer demands, and alternative processes and materials. (Typically Offered: Fall, Spring)

ARTIS 4620: Community-Engaged Arts Management
Credits: 3.
Introduction to aspects of community arts management and art gallery operations. Class meets at ISU Design on Main Gallery, a community arts space in the Main Street Cultural District of Ames. Students will staff the gallery and assist in the conception, design and realization of exhibitions. (Typically Offered: Fall, Spring)

ARTIS 4650: Artists, Designers and Sustainable Development
Credits: 3. Contact Hours: Studio 6.
Prereq: Senior or Graduate classification or Permission of Instructor
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 4660/5660X. Meets International Perspectives Requirement. (Typically Offered: Spring)

ARTIS 4660: Studio Abroad: Africa
Credits: 3. Contact Hours: Studio 6.
Prereq: ARTIS 4650 *or Permission of Instructor*
Traveling studio to 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 in-country nationals. Meets International Perspectives Requirement. (Typically Offered: Summer)

ARTIS 4700X: Data, Code, and Form
(Dual-listed with ARTIS 5700X). (Cross-listed with BPMI 4700X).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Data visualization: strategies, principles, and tools for encoding data in visual art, applied art, and creative industry practices. The aesthetics of encoded data in creative practices. An overview of working with data as artistic and visual communication media including data acquisition, organization, representing, and interacting with data through art and design. Producing data display outputs that include a range of displays from screen to installation. (Typically Offered: Fall, Spring, Summer)

ARTIS 4730: Video Art
(Dual-listed with ARTIS 5730).
Credits: 3. Contact Hours: Studio 6.
Prereq: ARTIS 2120 *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 4750: Interactive Art
(Dual-listed with ARTIS 5750).
Credits: 3. Contact Hours: Studio 6.
Prereq: ARTIS 2120 *OR Permission of Instructor*
Create software and integrate the sensors required to create interactive artworks, video games, and installations. Prominent examples in the history of interactive art provide context for the coursework.

ARTIS 4820: Selected Topics in Studio Art
(Dual-listed with ARTIS 5820).
Credits: 1-3. Contact Hours: Studio 6.
Repeatable.
Prereq: Instructor Permission for Course
Special issues related to studio art. Topics vary each time offered. (Typically Offered: Fall, Spring)

ARTIS 4900B: Independent Study: Ceramics
Credits: 1-6. Repeatable.
Prereq: Department Permission for Course
Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 4900C: Independent Study: Computer Art and Design
Credits: 1-6. Repeatable.
Prereq: Department Permission for Course
Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 4900D: Independent Study: Drawing
Credits: 1-6. Repeatable.
Prereq: Department Permission for Course
Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 4900E: Independent Study: Textiles
Credits: 1-6. Repeatable.
Prereq: Department Permission for Course
Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 4900F: Independent Study: Illustration
Credits: 1-6. Repeatable.
Prereq: Department Permission for Course
Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 4900G: Independent Study: Metals
Credits: 1-6. Repeatable.
Prereq: Department Permission for Course
Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 4900H: Independent Study: Honors
Credits: 1-6. Repeatable.
Prereq: Department Permission for Course
Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 4900I: Independent Study: Painting
Credits: 1-6. Repeatable.
Prereq: Department Permission for Course
Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 4900J: Independent Study: Photography
Credits: 1-6. Repeatable.
Prereq: Department Permission for Course
Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 4900K: Independent Study: Printmaking
Credits: 1-6. Repeatable.
Prereq: Department Permission for Course
Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 4900L: Independent Study: Furniture
Credits: 1-6. Repeatable.
Prereq: Department Permission for Course
Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 4900M: Independent Study: Mixed Media
Credits: 1-6. Repeatable.
Prereq: Department Permission for Course
Student must have completed coursework appropriate to planned independent study. Offered on a graded basis or a satisfactory-fail basis.

ARTIS 4910: Post Baccalaureate Capstone Course
Credits: 1.
Exhibition of artwork completed in the Post Baccalaureate program, required for fulfillment of certificate. Offered on a satisfactory-fail basis only. (Typically Offered: Fall, Spring)

ARTIS 4930B: Workshop: Ceramics
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Prereq: Instructor Permission for Course
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 4930C: Workshop: Computer Art and Design
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Prereq: Instructor Permission for Course
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 4930D: Workshop: Drawing
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Prereq: Instructor Permission for Course
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 4930E: Workshop: Textiles
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Prereq: Instructor Permission for Course
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 4930F: Workshop: Illustration
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Prereq: Instructor Permission for Course
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 4930G: Workshop: Metals
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Prereq: Instructor Permission for Course
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 4930H: Workshop: Honors
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Prereq: Instructor Permission for Course
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 4930I: Workshop: Painting
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Prereq: Instructor Permission for Course
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 4930J: Workshop: Photography
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Prereq: Instructor Permission for Course
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 4930K: Workshop: Printmaking
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Prereq: Instructor Permission for Course
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 4930L: Workshop: Furniture
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Prereq: Instructor Permission for Course
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 4930M: Workshop: Mixed Media
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Prereq: Instructor Permission for Course
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 4940: Integrated Studio Arts in Europe Seminar
Credits: 1. Contact Hours: Lecture 1.
Prereq: Instructor Permission for Course
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 4950: Integrated Studio Arts in Europe
(Dual-listed with ARTIS 5950).
Credits: 3.
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 4960: Art and Design Field Study
Credits: Required. Repeatable.
Prereq: Instructor Permission for Course
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 4970: Studio Internship
Credits: 1-6. Repeatable, maximum of 6 credits.
Prereq: Junior or senior classification; permission of department
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.

ARTIS 4990: BFA Exhibition
Credits: 1.
Prereq: ARTIS 3990*; senior classification in Integrated Studio Arts BFA*
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. (Typically Offered: Spring)

Courses primarily for graduate students, open to qualified undergraduates:

ARTIS 5050: Collage, Assemblage, and the Found Object
(Dual-listed with ARTIS 3050).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Explores the significance of recycling, sustainable methods of art making, and thrift-store culture as medium and subject matter for artists in both 2D and 3D studio projects. Through selected readings, slide presentations, and studio activities, we will address the environmental cause and effect of materials and methods, consumption and waste, and personal responsibility as stewards for the planet we share. Emphasis will be on conceptual development.

ARTIS 5070: Principles of Character Animation
(Dual-listed with ARTIS 4070).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 9 credits.
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 5080: Computer Aided Animation and Visualization
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 6 credits.
Prereq: ARTIS 4080 *or graduate classification and permission of instructor*
Further investigations begun in ARTIS 4080. Attention given to the workflow and management of creating animation and visualizations.

ARTIS 5090: Computer/Video Game Design and Development
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 12 credits.
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 5110: Seminar in Teaching
Credits: 3. Contact Hours: Lecture 3.
Readings and discussions about aspects and expectations of teaching at the university level. Course development, research and teaching portfolio development, and best practices in design education. Other aspects of faculty expectations that include research, institutional or professional service, promotion, institutional structures, procedures, and professional responsibilities.

ARTIS 5200: Advanced Furniture Design
(Dual-listed with ARTIS 4200).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 12 credits.
Design and creation of increasingly 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. Refined sensitivity to wood, and continued consideration of various sustainable practices. (Typically Offered: Fall, Spring)

ARTIS 5220: Advanced Ceramic Studio
(Dual-listed with ARTIS 4220).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 12 credits.
Creation of a body of work in personal ceramic forms and unique surface treatments. Exploration of kiln firings, research into contemporary ceramic artists and development of a body of increasingly skilled work are emphasized. Students are expected to be capable of independent studio work and take responsibility for firings. (Typically Offered: Fall, Spring)

ARTIS 5240: Jewelry/Metalsmithing III
(Dual-listed with ARTIS 4240).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 12 credits.
Hands-on studio experience. Focusing on traditional and contemporary metalsmithing techniques applicable to jewelry, functional objects, and sculptural art forms. Topics include fabrication, forming and cold joinery, with an emphasis on design and progressive skill development. Basic stone setting and lost wax casting introduced. (Typically Offered: Fall, Spring)

ARTIS 5290: Advanced Photography
(Dual-listed with ARTIS 4290).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
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 concerns. (Typically Offered: Fall, Spring)

ARTIS 5300: Drawing IV
(Dual-listed with ARTIS 4300).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 9 credits.
Figurative and non-figurative drawing with advanced work in media, composition, and theory. (Typically Offered: Fall, Spring)

ARTIS 5310: Character and Scene Design
(Dual-listed with ARTIS 4310).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Drawing directed toward designing characters and environments to be used for telling stories in a variety of contexts. Emphasis on ideation, research, concept art and other process work over finished art. (Typically Offered: Fall)

ARTIS 5320: Sequential Narrative Drawing
(Dual-listed with ARTIS 4320).
Credits: 3. Contact Hours: Studio 6.
Studio course in drawing focusing on the fundamentals of communicating a narrative through sequential images in a variety of applications. Emphasis will be placed on visual research, ideation, concept art and process sketching. (Typically Offered: Spring)

ARTIS 5380: Painting III
(Dual-listed with ARTIS 4380).
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 9 credits.
Prereq: ARTIS 3380 *or Graduate Classification*
Figurative and non-figurative painting with advanced work in media, composition, and theory. (Typically Offered: Fall, Spring)

ARTIS 5470: Dyed and Printed Textiles
(Dual-listed with ARTIS 4470).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Fabric dyeing and printing techniques including block, stencil and experimental screen-printing, and resists using synthetic dyes, discharging agents, and pigments. Printing with plant-based dyes may also be explored. Digital printing and transfer printing on fabric may be introduced. Emphasis on research and development of dyed and printed textile design techniques as a means for creative expression. (Typically Offered: Fall, Spring)

ARTIS 5480: Digital Textile Design
(Dual-listed with ARTIS 4480).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
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. (Typically Offered: Fall, Spring)

ARTIS 5550X: Relief Printmaking: Digital/Traditional
Credits: 3. Contact Hours: Studio 6.
Repeatable, maximum of 3 times.
In-depth exploration of digital or traditional design and bock 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 sudy of contemporary trends.

ARTIS 5560: Relief Printmaking: Digital/Traditional
(Dual-listed with ARTIS 3560).
Credits: 3-4. Contact Hours: Studio 6.
Repeatable, maximum of 6 credits.
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. (Typically Offered: Fall, Spring)

ARTIS 5570: Intaglio and Monotype Printmaking: Digital / Traditional
(Dual-listed with ARTIS 3570).
Credits: 3-4. Contact Hours: Studio 6.
Repeatable, maximum of 9 credits.
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. (Typically Offered: Fall, Spring)

ARTIS 5580: Lithography: Digital / Traditional
(Dual-listed with ARTIS 3580).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
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. (Typically Offered: Fall, Spring)

ARTIS 5700X: Data, Code And Form
(Dual-listed with ARTIS 4700X).
Credits: 3. Contact Hours: Studio 6.
Repeatable.
Data visualization: strategies, principles, and tools for encoding data in visual art, applied art, and creative industry practices. The aesthetics of encoded data in creative practices. An overview of working with data as artistic and visual communication media including data acquisition, organization, representing, and interacting with data through art and design. Producing data display outputs that include a range of displays from screen to installation. (Typically Offered: Fall, Spring, Summer)

ARTIS 5710A: Graduate Seminar: Grants, Residencies, Exhibitions, Entrepreneurialism
Credits: 3. Contact Hours: Lecture 3.
Through directed readings, individual assignments, guest presentations, local field trips, and group discussions, students learn strategies to create and apply a personalized plan that will guide them toward successful studio practice at all stages of their careers. Topics include professional opportunities and avenues of support available to studio artists, development in preparing visual portfolios, artists statements, and applications for grants, residencies and exhibitions.

ARTIS 5710B: Graduate Seminar: Critique and Creative Process
Credits: 3. Contact Hours: Lecture 3.
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 among all of the visual arts, accelerating individual creative development.

ARTIS 5730: Video Art
(Dual-listed with ARTIS 4730).
Credits: 3. Contact Hours: Studio 6.
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 5750: Interactive Art
(Dual-listed with ARTIS 4750).
Credits: 3. Contact Hours: Studio 6.
Create software and integrate the sensors required to create interactive artworks, video games, and installations. Prominent examples in the history of interactive art provide context for the coursework.

ARTIS 5820: Selected Topics in Studio Art
(Dual-listed with ARTIS 4820).
Credits: 1-3. Contact Hours: Studio 6.
Repeatable.
Special issues related to studio art. Topics vary each time offered.
(Typically Offered: Fall, Spring)

ARTIS 5900B: Special Topics: Ceramics
Credits: 1-30. Repeatable.
Prereq: Instructor Permission for Course
Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 5900C: Special Topics: Computer Art and Design
Credits: 1-30. Repeatable.
Prereq: Instructor Permission for Course
Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 5900D: Special Topics: Drawing
Credits: 1-30. Repeatable.
Prereq: Instructor Permission for Course
Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 5900E: Special Topics: Textiles
Credits: 1-30. Repeatable.
Prereq: Instructor Permission for Course
Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 5900F: Special Topics: Illustration
Credits: 1-30. Repeatable.
Prereq: Instructor Permission for Course
Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 5900G: Special Topics: Metals
Credits: 1-30. Repeatable.
Prereq: Instructor Permission for Course
Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 5900I: Special Topics: Painting
Credits: 1-30. Repeatable.
Prereq: Instructor Permission for Course
Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 5900J: Special Topics: Photography
Credits: 1-30. Repeatable.
Prereq: Instructor Permission for Course
Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 5900K: Special Topics: Printmaking
Credits: 1-30. Repeatable.
Prereq: Instructor Permission for Course
Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 5900L: Special Topics: Furniture
Credits: 1-30. Repeatable.
Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 5900M: Special Topics: Mixed Media
Credits: 1-30. Repeatable.
Prereq: Instructor Permission for Course
Written approval of instructor and department chair on required form in advance of semester of enrollment.

ARTIS 5930B: Workshop: Ceramics
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 5930C: Workshop: Computer Art and Design
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 5930D: Workshop: Drawing
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 5930E: Workshop: Textiles
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 5930F: Workshop: Illustration
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 5930G: Workshop: Metals
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 5930I: Workshop: Painting
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 5930J: Workshop: Photography
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 5930K: Workshop: Printmaking
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 5930L: Workshop: Furniture
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 5930M: Workshop: Mixed Media
Credits: 1-3. Contact Hours: Studio 3.
Repeatable.
Intensive 2 to 4 week studio exploration. Topics vary each time offered and may have prerequisites.

ARTIS 5950: Integrated Studio Arts in Europe
(Dual-listed with ARTIS 4950).
Credits: 3. Contact Hours: Studio 6.
Prereq: Graduate classification, ARTIS 4940 *or 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 6050: Research Methods
Credits: 3. Contact Hours: Lecture 3.
Research strategies related to fine art and technology. Application of selected methods to specific issues.

ARTIS 6070: Intermedia
Credits: 3. Contact Hours: Laboratory 6.
Exploration and application of media with various materials, methods and ideas. (Typically Offered: Fall, Spring)

ARTIS 6970: Studio Internship
Credits: 1-30.
Prereq: Instructor Permission for Course
Supervised off-campus learning experience with a prominent artist, designer, or firm.

ARTIS 6980: Current Issues in Studio Arts
Credits: 1-3. Contact Hours: Lecture 3.
Repeatable, maximum of 9 credits.
Selected issues in contemporary studio arts. Topics and readings vary each time offered. (Typically Offered: Fall, Spring)

ARTIS 6990A: Research: Thesis
Credits: 1-30. Repeatable.
Prereq: Instructor Permission for Course
Research thesis.

ARTIS 6990B: Research: Thesis-exhibition
Credits: 1-30. Repeatable.
Prereq: Instructor Permission for Course
Research exhibition.