

Integrated Studio Arts (ARTIS)

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 hand tools and techniques used for working with wood.

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 will be explored. Additional work required outside of class.

ARTIS 204. Studio Fundamentals: Ceramics.

(0-8) Cr. 2. F.S. Prereq: Sophomore classification.

Half-semester course which provides an introduction to ceramics including techniques (hand-building, high fire and low fire glaze applications) and conceptual approaches. The emphasis is on creative expression and communication through ceramics. Course is open to all students and required for all Integrated Studio Arts BFA majors.

ARTIS 206. Studio Fundamentals: Printmaking.

(0-8) Cr. 2. F.S. Prereq: Sophomore classification.

Introduction to relief, monoprint, lithographic and intaglio printing as methods for visual communication and expression. Course is open to all students and required for all Integrated Studio Arts BFA majors.

ARTIS 208. Color.

(0-6) Cr. 3. F.S. Prereq: DSN S 102, DSN S 131, and DSN S 183. Required for all ISA BFA students.

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. Required for all Integrated Studio Arts BFA majors.

ARTIS 210. Studio Fundamentals: Photo.

(0-8) Cr. 2. F.S. Prereq: Sophomore classification.

Introduction to camera operation and traditional black and white darkroom methods as means of visual communication and creative expression. Course is open to all students and required for all Integrated Studio Arts BFA majors.

ARTIS 212. Studio Fundamentals: Computers.

(0-8) Cr. 2. F.S. Prereq: Sophomore classification.

Half-semester course. Introduction to image acquisition, Adobe PhotoShop and Illustrator. Course is open to all students and required for all Integrated Studio Arts BFA majors.

ARTIS 213. Studio Fundamentals: Painting.

(0-8) Cr. 2. F.S. 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. Course is open to all students and required for all Integrated Studio Arts BFA majors.

ARTIS 214. Studio Fundamentals: Textiles.

(0-8) Cr. 2. F.S. Prereq: Sophomore classification.

Half semester course. Introduction to two-dimensional and three-dimensional textile techniques used for visual communication and expression. Course is open to all students and required for all Integrated Studio Arts BFA majors.

ARTIS 227. Introduction to Creative Digital Photography.

(0-6) Cr. 3. 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 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. Repeatable, maximum of 6 credits.
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*
Design and creation of basic furniture forms in wood. Introduction to power tools. Develop an individual design process including an understanding of scale and proportion. Develop sensitivity to wood and the social and environmental implications of materials used for furniture design and production.

ARTIS 320H. Introduction to Furniture Design: Honors.

(0-6) Cr. 3-4. *Prereq: ARTIS 202*
Design and creation of basic furniture forms in wood. Introduction to power tools. Develop an individual design process including an understanding of scale and proportion. Develop sensitivity to wood and the social and environmental implications of materials used for furniture design and production.

ARTIS 322. Intermediate Ceramics Studio.

(0-6) Cr. 3. *Prereq: ARTIS 204*
Further investigation of concepts 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 concepts 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 metal 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 metal 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. Individual thematic work is enriched by connection to photographic history and pluralist perspectives.

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. Individual thematic work is enriched by connection to photographic history and pluralist perspectives.

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 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. 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. Repeatable. *Prereq: ARTIS 214*
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 I.

(0-6) Cr. 3. 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 I, 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.

(Dual-listed with ARTIS 556). (0-6) Cr. 3. Repeatable, maximum of 6 credits. F.S. *Prereq: ARTIS 206 and ARTIS 230*
Examine the techniques and aesthetic qualities of black and white and color relief printmaking primarily through woodcuts and photopolymer plates. Emphasis is on experimental and creative use of printmaking for artistic expression.

ARTIS 356H. Relief Printmaking: Honors.

(0-6) Cr. 3-4. Repeatable, maximum of 6 credits. F.S. *Prereq: ARTIS 206 and ARTIS 230*
Examine the techniques and aesthetic qualities of black and white and color relief printmaking primarily through woodcuts and photopolymer plates. Emphasis is on experimental and creative use of printmaking for artistic expression.

ARTIS 357. Intaglio and Monotype Printmaking: Digital / Traditional.

(Dual-listed with ARTIS 557). (0-6) Cr. 3. Repeatable, maximum of 9 credits. F.S. *Prereq: ARTIS 206 and 230*
Examine the techniques and aesthetic qualities of black and white and color intaglio printmaking primarily through etching, aquatint, photographic intaglio and collagraph processes. Students may generate imagery through traditional drawing, collage or 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*
Examine the techniques and aesthetic qualities of black and white and color intaglio printmaking primarily through etching, aquatint, photographic intaglio and collagraph processes. Students may generate imagery through traditional drawing, collage or 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 399. BFA Professional Practice.

(2-0) Cr. 2. S. *Prereq: Junior classification in Art and Design BFA curriculum.*
Introduction to professional practices including development of portfolio (visual and written components). Lecture and presentation topics include applying to graduate school, 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. Nonmajor graduate credit.

ARTIS 407H. Principles of 3D Character Animation: Honors.

(0-6) Cr. 3-4. 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. Nonmajor graduate credit.

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. Nonmajor graduate credit.

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. Nonmajor graduate credit.

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. Nonmajor graduate credit.

ARTIS 409H. Computer/Video Game Design and Development: Honors.

(0-6) Cr. 3-4. 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. Nonmajor graduate credit.

ARTIS 420. Advanced Furniture Design.

(Dual-listed with ARTIS 520). (0-6) Cr. 3. Repeatable, maximum of 12 credits. F.S. *Prereq: ARTIS 320*
Design and creation of advanced furniture forms in wood with consideration of precedents and innovative approaches. Develop a unique personal approach to the design and making of furniture. Refine sensitivity to wood and the social and environmental implications of materials used for furniture design and production. Nonmajor graduate credit.

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 advanced furniture forms in wood with consideration of precedents and innovative approaches. Develop a unique personal approach to the design and making of furniture. Refine sensitivity to wood and the social and environmental implications of materials used for furniture design and production. Nonmajor graduate credit.

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 surfaces with an emphasis on personal art expression. Gas kiln firings, research into contemporary ceramic artists and development of increasingly skilled work are emphasized. Nonmajor graduate credit.

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 surfaces with an emphasis on personal art expression. Gas kiln firings, research into contemporary ceramic artists and development of increasingly skilled work are emphasized. Nonmajor graduate credit.

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. As students advance, they learn sheet metal processes including raising, forming, and anticlastic shell forming techniques. Introduction to mechanisms and tool making. Advanced students are encouraged to integrate these topics with alternative materials and technologies. A focus is placed on independent research, professional engagement and portfolio development. Nonmajor graduate credit.

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. As students advance, they learn sheet metal processes including raising, forming, and anticlastic shell forming techniques. Introduction to mechanisms and tool making. Advanced students are encouraged to integrate these topics with alternative materials and technologies. A focus is placed on independent research, professional engagement and portfolio development. Nonmajor graduate credit.

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. Nonmajor graduate credit.

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. Nonmajor graduate credit.

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. Nonmajor graduate credit.

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. Nonmajor graduate credit.

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. Nonmajor graduate credit.

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. Nonmajor graduate credit.

ARTIS 447. Printed Textiles.

(Dual-listed with ARTIS 547). (0-6) Cr. 3. Repeatable. F.S. Prereq: ARTIS 347

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

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 499. BFA Exhibition.

(1-0) Cr. 1. S. *Prereq: ARTIS 399 and senior classification in the Art and Design 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. F.S. *Prereq: Graduate classification*

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. Nonmajor graduate credit.

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. Nonmajor graduate credit.

ARTIS 520. Advanced Furniture Design: Honors.

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

F.S. *Prereq: ARTIS 320*

Design and creation of advanced furniture forms in wood with consideration of precedents and innovative approaches. Develop a unique personal approach to the design and making of furniture. Refine sensitivity to wood and the social and environmental implications of materials used for furniture design and production. Nonmajor graduate credit.

ARTIS 522. Ceramics Studio: Honors.

(Dual-listed with ARTIS 422). (0-6) Cr. 3-4. Repeatable, maximum of 12 credits.

F.S. *Prereq: ARTIS 322*

In-depth investigation of ceramic forms and surfaces with an emphasis on personal art expression. Gas kiln firings, research into contemporary ceramic artists and development of increasingly skilled work are emphasized. Nonmajor graduate credit.

ARTIS 524. Jewelry/Metalsmithing III: Honors.

(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. As students advance, they learn sheet metal processes including raising, forming, and anticlastic shell forming techniques. Introduction to mechanisms and tool making. Advanced students are encouraged to integrate these topics with alternative materials and technologies. A focus is placed on independent research, professional engagement and portfolio development. Nonmajor graduate credit.

ARTIS 529. Advanced Photography: Honors.

(Dual-listed with ARTIS 429). (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. Nonmajor graduate credit.

ARTIS 530. Drawing IV: Honors.

(Dual-listed with ARTIS 430). (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. Nonmajor graduate credit.

ARTIS 538. Painting III: Honors.

(Dual-listed with ARTIS 438). (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. Nonmajor graduate credit.

ARTIS 547. Printed Textiles.

(Dual-listed with ARTIS 447). (0-6) Cr. 3. Repeatable. F.S. *Prereq: ARTIS 347*
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: Graduate classification and permission of instructor.*

This hands-on studio course will allow students to explore digital 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. Graduate research presentation and studio projects required.

ARTIS 556. Relief Printmaking: Honors.

(Dual-listed with ARTIS 356). (0-6) Cr. 3-4. Repeatable, maximum of 6 credits. F.S. *Prereq: ARTIS 206 and ARTIS 230*

Examine the techniques and aesthetic qualities of black and white and color relief printmaking primarily through woodcuts and photopolymer plates. Emphasis is on experimental and creative use of printmaking for artistic expression.

ARTIS 557. Intaglio and Monotype Printmaking: Digital / Traditional.

(Dual-listed with ARTIS 357). (0-6) Cr. 3. Repeatable. F.S. *Prereq: Graduate classification and permission of instructor*

Examine the techniques and aesthetic qualities of black and white and color intaglio printmaking primarily through etching, aquatint, photographic intaglio and collagraph processes. Students may generate imagery through traditional drawing, collage or digital processes. Unique, one-of-a-kind black and white and color prints from Plexiglas will also be introduced. Emphasis is on the experimental and creative use of intaglio and mono-printing for artistic expression supported with study of contemporary trends.

ARTIS 558. Lithography: Digital / Traditional.

(Dual-listed with ARTIS 358). (0-6) Cr. 3. Repeatable. F.S. *Prereq: Graduate classification and permission of instructor*

Examine the techniques and aesthetic qualities of lithography. Students may generate imagery through traditional drawing, collage or digital processes. Emphasis is on the experimental and creative use of lithography for artistic expression with study of contemporary trends.

ARTIS 582. Selected Topics in Studio Art.

(Dual-listed with ARTIS 482). Cr. 1-3. Repeatable, maximum of 9 credits. 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.

Courses for graduate students:**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 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.