

# California State University, Long Beach 2025-2026 Undergraduate and Graduate Catalog

## Courses

[Contract All Courses](#) |

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## Art

### **ART 101 - Artists in Their Own Words**

(1 unit)

Prerequisite/Corequisite: One GE Foundation course.

Students learn from guest artists and arts scholars about their work, and how they have established and sustained a practice and career. Invited from across the spectrum of visual arts, each guest represents a case study in presentation and professionalism.

Credit/No Credit grading only. May be repeated to a maximum of 2 units in the same semester and 4 units in different semesters.

### **ART 110 - Introduction to the Visual Arts**

(3 units)

Prerequisite/Corequisite: One GE Foundation course.

Exploration of meanings, purposes, styles, materials and forms of art and architecture. Multicultural perspective. Development of awareness through examination and comparison of art and artifacts, past and present.

Both grading options.

### **ART 121 - Safety and Sustainable Practices for Studio Artists**

(1 unit)

Prerequisite/Corequisite: One GE Foundation course.

Introduces current best practices for basic machine and hand-tools, material handling, personal protective equipment, risk assessment and safety culture essential to student success in developing a sustainable studio practice.

Credit/No Credit grading only. Course fee may be required. (2 Hours Activity)

## **ART 130 - Foundation Two-Dimensional**

(3 units)

Prerequisite: ART majors and Pre-majors

Foundation course required to be taken by all majors within the School of Art prior to 200-level or above art courses. Exploration and application of principles, components and terminology of two-dimensional design via relational, problem-solving and visual-vocabulary exercises.

Letter grade only (A-F). (6 hours lab)

## **ART 131 - Foundation Three Dimensional**

(3 units)

Prerequisite: ART majors and Pre-majors only

Foundation course required to be taken by all studio and art education majors within the School of Art prior to 200-level or above art courses. Focus on structural, material, and compositional concerns involved in dealing with three-dimensional form.

Letter grade only (A-F). (6 hours lab)

## **ART 132 - Foundation Color Theory**

(3 units)

Prerequisite: [ART 130](#)

. ART and Pre-ART majors only.

Prerequisite/Corequisite: [ART 130](#)

Foundation course satisfying a choice between requirements in the BA Studio Art (Students choose from a group of courses). Also satisfies requirements or choices in some BFA degrees. Focus on visual and aesthetic interactions of color.

Letter grade only (A-F). (6 hours lab) (Not open to students with credit for ART 182.)

## **ART 149 - Foundation Computer Art**

(3 units)

Prerequisites: [ART 130](#)

. Art and Pre-Art majors only

Foundation course satisfying a choice between requirements in the BA Studio Art (Students choose from a group of courses). Also satisfies requirements or choices in some BFA degrees. Project-based

exploration of art-related digital imaging, layout, and vector software, and introduction to interactive and web-based media.

Letter grade only (A-F). Course fee may be required. (6 hrs. lab.) Not open for credit to students with credit in ART 349A.

## **ART 150 - Foundation Transdisciplinary Practice**

3 units

Prerequisites: None

Introduction to production methods across 2D, 3D, and 4D (time based) media. Foundational principles are exercised through hands-on approaches working through various material, media formats, and processes. Addresses how artists work across many media to create work.

Letter grade only (A-F) (6 hours activity)

## **ART 181 - Foundation Drawing**

(3 units)

Prerequisite: ART majors and Pre-majors

Foundation course intended to be taken by all majors within the School of Art prior to 200-level or above art courses. Introduction to drawing with emphasis on perspective, light, shadow, and volume in composition using a variety of media.

Letter grade only (A-F). (6 hrs. lab.)

## **ART 184 - Foundation Life Drawing**

(3 units)

Prerequisites: [ART 181](#)

. ART majors and pre-majors only.

Foundation course required in the BA Studio Art. Also satisfies requirements or choices in all other undergraduate degrees in the School of Art. Introduction to drawing from a live, completely unclothed human figure.

Letter grade only (A-F). Course fee may be required. (6 hrs. lab.)

## **ART 223 - Intro Studio: Graphic Design - Typography**

(3 units)

Prerequisite: Art majors or pre-art majors, or Design BA majors only. For Art majors and Pre-majors: [ART 130](#) and [ART 181](#)

. For Design majors: [DESN 120A](#)  
and [DESN 132A](#)

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Introductory course in the fundamentals of typographic form. Close examination of the architecture of letterforms and alphabet construction.

Letter grade only (A-F). Student-owned laptop computer is required. See School website for current hardware and software specifications. (6 hours Arts Activity)

## **ART 227 - History of Animation**

(3 units)

Prerequisites: Completion of GE 1C requirement; sophomore standing

Historical, theoretical and aesthetic developments of animation since its beginnings across cultures and within global contexts with consideration of cultural, social, political and technological influences.

Letter grade only (A-F). Not open for credit to students with credit in FEA 227.

## **ART 241 - Intro Studio: Photography - Digital**

(3 units)

Prerequisite(s): One GE Foundation Course.

Fundamentals of digital photography: cameras, digital darkroom techniques, photographic vision, critical issues.

Letter grade only (A-F). Course fee and digital camera (DSLR) may be required. Information on fees related to this course can be found [here](#). (6 hrs. Arts Activity)

## **ART 251A - Intro Studio: Ceramic Arts - Hand-building**

(3 units)

Introductory course including slab, coil, and molding techniques; glazing, firing.

Letter grade only (A-F) Course fee may be required. (6 hrs. Arts Activity)

## **ART 251B - Intro Studio: Ceramic Arts - Wheel-throwing**

(3 units)

Introductory course focusing on development of wheel-thrown forms, glazing and firing.

Letter grade only (A-F). Course fee may be required (6 hrs. Arts Activity)

## **ART 254 - Introduction to Wood**

(3 units)

Introduction to concepts, tools and techniques used in the creation of handcrafted, wooden objects. Basic construction and reductive shaping techniques including, lamination, milling, woodturning, carving, and joinery.

Letter grade only (A-F). Course fee may be required. (6 hours Arts Activity)

## **ART 257 - Intro Studio: Metals**

(3 units)

Introduction to metal and jewelry processes; approaches include enameling, casting, forging, and fabrication.

Letter grade only (A-F). (6 hours Arts Activity)

## **ART 261 - Intro Studio: Sculpture - Life**

(3 units)

Prerequisite(s): One GE Foundation Course.

Introduction to modeling from the human figure with emphasis on a range of representational approaches and techniques from observation based models of figuration to the use of the body in sculpture.

Letter grade only (A-F). Course fee may be required. (6 hrs. lab.)

## **ART 263 - Intro Studio: Sculpture - Beginning**

(3 units)

Prerequisite(s): One GE Foundation course.

Fundamentals of sculpture: historical approaches and concepts, material explorations, time-based and site-specific practices.

Letter grade only (A-F). (6 hrs Arts Activity)

## **ART 265 - Intro Studio: Fiber**

(3 units)

Prerequisites: [ART 130](#)  
and [ART 131](#)

. Pre-ART and Art majors only.

Introduction to mixed media and fiber/fabric materials, processes and approaches including surface design, papermaking, weaving, hand-construction.

Letter grade only (A-F). Course fee may be required. (6 hours Arts Activity)

## **ART 270 - Intro Studio: Printmaking**

(3 units)

Exploration of multiple printmaking processes and possibilities for producing art in multiples, variations, and unique works. Focus on non-toxic approaches.

Letter grade only (A-F) Course fee may be required. (6 hours Arts Activity)

## **ART 271 - Intro Studio: Illustration - Rendering**

(3 units)

Prerequisite: [ART 130](#)  
and [ART 181](#)

. ART majors or pre-ART majors only.

Graphic visualization for creating convincing representation.

Letter grade only (A-F). (6 hrs. Arts Activity)

## **ART 272 - Drawing with Perspective**

(3 units)

Prerequisites: [ART 130](#)  
and [ART 181](#)

, or instructor consent. ART majors and ART pre-majors only.

Overview of drawing with perspective to create accurate, representational, three dimensional space.

Covering 1 pt, 2 pt, 3 pt and exaggerated perspective, from observation and imagination. Focusing on composition, point of view, eye level, light, and shadows.

Letter grade only (A-F) (6 hours activity)

## **ART 287 - Intro Studio: Painting**

(3 units)

Prerequisites: [ART 130](#)

and [ART 181](#)

. ART majors and pre-ART majors only.

Introduction to painting problems using opaque media.

Letter grade only (A-F). (6 hrs. Arts Activity)

## **ART 291 - Intro Studio: Animation**

(3 units)

Prerequisites: [ART 130](#)

and [ART 181](#)

. ART and pre-ART majors only.

Introduction to frame-by-frame manipulation, including traditional, experimental, and digital animation, pre-production work, motion graphics, and brief history of animation.

Letter grade only (A-F). (6 hours Arts Activity)

## **ART 300 - Art, Adolescence, and the Child**

(3 units)

Experiences in self-expression from the California Visual and Performing Arts Framework while addressing children's artistic and aesthetic development. Following state content standards, students develop aesthetic perception, learn skills for talking about art, and gain understanding in historical and cultural contexts.

Letter grade only (A-F). Course fee may be required. (6 hrs. lab.)

## **ART 305 - Art Education and New Technology**

(3 units)

Prerequisites: 12 units of Art Foundation courses. Art majors only. Exclude freshmen.

Develops skills in making and talking about art through interrelating art production with art criticism, cultural-historical connections, and philosophical aesthetics. Emphasizes newer art forms and technology, including video and computer, providing additional approaches for the artist and art educator.

Letter grade only (A-F). (6 hrs. lab.)

## **ART 311 - Writing about Visual Art**

(3 units)

Prerequisites: GE Foundation completed, ART majors only and upper division standing.

Prerequisites: GVAR portfolio course or score of 11 or higher on the GVAR Placement Exam. **(Note: The preceding prerequisite statement related to GVAR is temporarily suspended effective Summer 2025.)**

Writing Intensive and Integrative Learning Capstone course emphasizing writing for a visual arts audience. Includes reading critically, analysis of research, organizing and developing arguments, clarity, self-editing, and appropriate use of vocabulary/style. Extensive writing, editing and peer review.

Letter grade only (A-F).

## **ART 316 - Core Studio: Fiber - Pattern Design/Printing**

(3 units)

Prerequisites: [ART 130](#)

, [ART 131](#)

, [ART 287](#)

, [AH 111A](#)

and [AH 111B](#)

. ART majors only.

Variety of design concepts for both hand and commercial application of pattern to textiles and other surfaces. To include pattern system design, stamping, and silkscreen printing.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)



## **ART 317 - Core Studio: Fiber - Dyeing**

(3 units)

Prerequisites: [ART 130](#)

, [ART 131](#)

, [ART 287](#)

, [AH 111A](#)

, and [AH 111B](#)

. ART majors only.

Exploration of a variety of design concepts and dye processes to include natural and chemical (acid and fiber reactive) dye technology using discharge, shaped resists, batik, and direct painting techniques.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 318 - Advanced Studio: Graphic Design - TYPE II: Intermediate Typography**

(3 units)

Prerequisites: For Art Majors and Pre-Art majors: [ART 130](#)

, [ART 131](#)

, [ART 181](#)

, [ART 223](#)

; [AH 111A](#)

and [AH 111B](#);

or consent of instructor. For Design Majors: [DESN 120A](#)

, [DESN 132A](#)

, and [ART 223](#)

. For Graphic Design Minors: [ART 223](#)

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Prerequisite/corequisite: For Art Majors and Pre-Art Majors: ART 184; ART 132, ART 241, ART 270 or ART 287.

Focus on the compositional use of type and its relationship to issues of visual hierarchy, readability and page structure. Students continue their exploration of typography as an expressive visual form.

Letter grade only (A-F). Student-owned laptop computer is required. See School website for current hardware and software specifications. (6 hrs. Arts Activity).

## **ART 321 - Graphic Design I: Introduction to Graphic Design**

(3 units)

Prerequisites: For Art Majors and Pre-Art Majors: [ART 130](#)

, [ART 131](#)

, [ART 181](#)

, and [ART 223](#)

; [AH 111A](#) and

[AH 111B](#)

For Design Majors: [ART 223](#)

; [DESN 120A](#)

, [DESN 120B](#)

, [DESN 132A](#)

, and [DESN 132B](#)

; [AH 111A and](#)

[AH 111B](#);

[DESN 110](#)

or [DESN 268](#)

For Graphic Design Minors: [ART 223](#)

Prerequisite/Corequisite: For Art Majors and Pre-Art majors: ART 184; and ART 132, or ART 241, or ART 270, or ART 287.

Introductory course, exploring formal constructs of combining type and image and of image creation. Enhance understanding of problem definition and concept development. Explore the relationships of form to content.

Letter grade only (A-F). Student-owned laptop computer is required. See School website for current hardware and software specifications. (6 hours Arts Activity).

## **ART 327 - Graphic Design II: Intermediate Graphic Design**

(3 units)

Prerequisites: [ART 223](#)

, [ART 318](#)

and [ART 321](#)

. Art majors only. Exclude freshmen.

Graphic Design Minors: [ART 223](#)

Intermediate course, developing formal and conceptual skills using type and image, learning fundamentals of preparing art for print.

Letter grade only (A-F). Student-owned laptop computer is required. See School website for current hardware and software specifications. (6 hours lab)

## **ART 328 - Core Studio: Fiber - Soft Forms**

(3 units)

Prerequisites: Prerequisite(s): [ART 265](#)

and Art majors only or consent of Department Advisor or Instructor.

This course explores a wide range of soft, 3D fiber techniques using traditional and experimental materials. Students will explore the conceptual and expressive potential of soft 3-dimensional forms. Course introduces these textile processes within a contemporary context.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity) Not open for credit to students with existing credit in ART 328A.

## **ART 329 - Core Studio: Fiber - Structures**

(3 units)

Prerequisite(s): ART 265 and Art majors only; or consent of Department Advisor or Instructor.

This course explores a wide range of structural, off-loom 3D fiber techniques using traditional and experimental materials. Students explore the conceptual and expressive potential of rigid forms and are introduced to these textile processes within a contemporary context.

Letter grade only (A-F). (6 hours Arts Activity) Not repeatable for credit.

## **ART 332 - Graphic Design: Professional Preparation**

(3 units)

Prerequisites: [ART 318](#)

, [ART 321](#)

, [ART 327](#)

, ART 331 . ART majors only. Exclude freshmen.

Engages topics regarding the profession of Graphic Design, including portfolio and resume development, presentations, interview skills, pricing and negotiating, ethical guidelines, and project organizational skills.

Letter grade only (A-F). (6 hrs. lab.)

## **ART 333 - Global Art Scenes**

(3 units)

Prerequisites: Completion of GE Foundation and upper-division standing.

Examination of the global field of contemporary art with emphasis on issues and structures that shape art scenes in different cultural contexts.

Letter grade only (A-F).

## **ART 334 - Core Studio: Graphic Design - Exploration and Experimentation**

(3 units)

Prerequisite: [ART 327](#)

and ART 365. Graphic Design BFA majors only.

Advanced design course, examining and creating traditional, alternative and experimental solutions across a variety of media.

Letter grade only (A-F). Course fee may be required. Student-owned laptop computer is required. See School website for current hardware and software specifications. (6 hrs. Arts Activity)

## **ART 335 - Graphic Design - Concept Development**

(3 units)

Prerequisite: ART 223 and ART 321. Art majors only.

Development of concept and design advertising projects that are strategically sound, creatively unexpected, innovative and of portfolio quality.

Letter grade only (A-F). Student-owned laptop computer is required. See School website for current hardware and software specifications. (6 hrs. Arts Activity)

## **ART 336 - Core Studio: Graphic Design - Development and Analysis**

(3 units)

Prerequisites: [ART 327](#)  
and [ART 365](#)

. Graphic Design BFA majors only.

Learn and practice in-depth research and analytical procedures that establish visual concept development and create systematic applications design.

Letter grade only (A-F). Course fee may be required. Student-owned laptop computer is required. See School website for current hardware and software specifications. (6 hours Arts Activity)

## **ART 337 - Core Studio: Graphic Design - Packaging**

(3 units)

Prerequisites: [ART 334](#)  
and [ART 336](#)

. Graphic Design BFA majors only.

Materials, processes and the design of packaging.

Letter grade only (A-F). Course fee may be required. Student-owned laptop computer is required. See School website for current hardware and software specifications. (6 hours Arts Activity)

## **ART 340 - Core Studio: Photography - Darkroom**

(3 units)

Prerequisite(s): [ART 130](#)

and [ART 241](#)

. [AH 111A](#)

or [AH 111B](#)

.

Prerequisite/Corequisite: [ART 181](#)

. ART majors and Pre-ART majors only. Photography minors: [ART 241](#)

. Exclude Freshmen.

Introduction to black and white darkroom and camera work. Continuing study of photographic vision, and critical issues. Development of series and bodies of work.

Letter grade only (A-F). Course fee and 35mm camera may be required. (6 hrs. Arts Activity)

## **ART 341A - Core Studio: Ceramic Arts - Hand-building**

(3 units)

Prerequisites: [ART 251A](#)

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Design problems with handbuilt ceramic forms with emphasis on surface.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 341B - Core Studio: Ceramic Arts - Wheel-throwing**

(3 units)

Prerequisites: [ART 251B](#)

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Design problems with wheel-thrown ceramic forms with emphasis on surface.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 342A - Core Studio: Photography - Color**

(3 units)

Prerequisite/Corequisite: [ART 340](#)

. ART and Pre-ART majors only. Photography minors: Prerequisite/Corequisite [ART 241](#)

. Freshmen excluded.

Contemporary approaches to art-based photography, theory of media and representation. Use and control of photographic color.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 343A - Advanced Studio: Ceramic Arts - Sculpture**

(3 units)

Prerequisites: [ART 341A](#)

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Advanced studies in hand-built ceramics and ceramic sculpture.

Letter grade only (A-F) Course fee may be required. (6 hrs. Arts Activity)

## **ART 343B - Advanced Studio: Ceramic Arts - Wheel-based**

(3 units)

Prerequisites: [ART 341B](#)

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Advanced studies in ceramic form employing wheel-thrown processes.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 352A - Core Studio: Ceramic Arts - Material Formulation**

(3 units)

Prerequisite(s): Art majors, Art Pre-majors and Art Minors only.

Study of the properties and uses of raw materials as they relate to the development of formulated clay bodies and ceramic glazes.

Letter Grade only (A-F) Course fee may be required. (6 Hrs. Arts Activity)

## **ART 352B - Core Studio: Ceramic Arts - Plaster**

(3 units)

Prerequisite(s): Art majors, Art Pre-majors, and Art Minors only.

Exploration of forming methods not covered in wheel-throwing or hand-building courses, including use of plaster molds for making ceramic art including press molds, slip casting, and jiggering.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 352C - Advanced Studio: Ceramic Arts - Experimental Approaches**

(3 units)

Prerequisite(s): [ART 131](#)

, [ART 251A](#)  
, and [ART 251B](#)  
. [AH 111A](#)  
, or [AH 111B](#).

Or consent of instructor.

A course focusing on a variety of experimental applications of ceramic media, materials, processes, and equipment.

Letter Grade Only (A-F). Course fee may be required. (6 hours Arts Activity) May be repeated to a maximum of 9 units in different semesters.

## **ART 353A - Core Studio: Wood-Design**

(3 units)

Prerequisites: [ART 130](#)

, [ART 131](#)

, [ART 181](#)

, [ART 121](#)

, [AH 111B](#)

or consent of instructor.

Exploration of techniques and conventions of technical drafting, and modeling central to the generation, evaluation and communication of 3D art object design concepts. Digital design software, 3D printing and laser-cutting will be introduced.

Letter grade only (A-F). Course fee may be required. (6 hrs. Art Activity).

## **ART 353B - Advanced Studio: Wood - CNC**

(3 units)

Prerequisites: [ART 353A](#)

and [ART 354A](#)

. Or consent of instructor.

Theory, tools and processes of designing and fabricating furniture using digital design software, rapid prototyping and CNC equipment.

Letter grade only (A-F) (6 hrs. Arts Activity)

## **ART 354A - Core Studio: Wood - Furniture**

(3 units)

Prerequisites: [ART 130 and](#)

[ART 131](#);

[AH 111A](#)

or [AH 111B](#);

or consent of instructor.

Furniture making techniques and tools related to traditional joinery for complex wooden structures. Hand tools and layout techniques are emphasized through the practice of historical joinery methods pertaining to furniture and architecture.

Letter grade only (A-F). Course fee may be required. (6 hrs. Art Activity)

## **ART 354B - Core Studio: Wood - Bending**

(3 units)

Prerequisite: [ART 353A](#)

and [ART 354A](#);

or consent of instructor.

Furniture making methodologies and techniques with an emphasis on curvilinear and asymmetrical forms. Bending, forming, sculpting and advanced lamination techniques will be introduced.

Letter grade only (A-F). (6 hrs. Arts Activity)

## **ART 354C - Core Studio: Wood - Cabinetry**

(3 units)

Prerequisite(s): [ART 353A](#)

and [ART 354A](#);

or consent of instructor.

Fine cabinetmaking techniques, materials and design processes: box and vessel forms, surface patterns and moving parts including doors, drawers and hardware. The history and relevance of wooden casework will be explored through a wide cultural lens.

Letter grade only (A-F). (6 hours Arts Activity)



## **ART 355 - Enameling**

(3 units)

Prerequisites: [ART 130](#)

, [ART 131](#)

; [AH 111A](#)

, [AH 111B](#)

. ART majors, Pre-Art BFA majors, Pre-Studio Art BA majors, and Pre-Art 3-D Media BFA majors only. Freshmen excluded.

Techniques, materials, and concepts of enameling on metals. Introduction to tools and metalworking techniques associated with making enameled metal objects. Emphasis on exploration of characteristics of enamels and metals, stressing individual advancement of interest and expression.

Letter grade only (A-F). Course fee may be required. (6 hrs. lab.) May be repeated to a maximum of 6 units. Not open for credit to students with credit in ART 355A.

## **ART 356 - Jewelry Casting**

(3 units)

Prerequisite: [ART 130](#)

, [ART 131](#)

, [ART 181](#)

; [AH 111A](#)

, [AH 111B](#)

. ART majors, Pre-Art BFA majors, Pre-Studio Art BA majors, and Pre-Art 3-D Media BFA majors only. Exclude Freshmen.

Design and creation of jewelry through lost-wax casting techniques and processes. Exploration of wax-working techniques, mold making, found object casting, metal melting, and finishing techniques.

Both grading options. Course fee may be required. (6 hrs. lab.) May be repeated to a maximum of 6 units.

## **ART 357A - Core Studio: Metals - Jewelry**

(3 units)

Prerequisites: [ART 130](#)

, [ART 131](#)

. [AH 111A](#)

and [AH 111B](#)

. ART and Pre-Art majors only. Exclude Freshmen.

Exploration of small-scale metal forming and techniques used in the creation of jewelry, sculptural forms, and utilitarian objects. Concepts and experiences are designed to familiarize the student with basic metalworking, joining, and finishing techniques.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity) May be repeated to a maximum of 6 units. Not open for credit to students with credit in ART 355A.

## **ART 357B - Core Studio: Metals - Design**

(3 units)

Prerequisites: [ART 130](#)

, [ART 131](#)

. [AH 111A](#)

and [AH 111B](#)

. ART and Pre-Art majors only. Exclude Freshmen.

Further exploration of small-scale metal forming and techniques used in the creation of jewelry, sculptural forms and utilitarian objects. With an emphasis on design methodology and fabrication techniques.

Letter grade only (A-F). Course fee may be required. (6 hours Arts Activity)

## **ART 358A - Core Studio: Metals - Metalsmithing**

(3 units)

Prerequisites: [ART 130](#)

, [ART 131](#).

[AH 111A](#)

and [AH 111B](#)

. ART majors only. Freshmen excluded.

Introduction to large-scale metalsmithing processes, design concepts and techniques used in the creation of flatware and hollowware. Experiences are intended to familiarize the student with the design and creation of sculptural forms, vessels and utilitarian objects.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 358B - Advanced Studio: Metals - Metalsmithing**

(3 units)

Prerequisite: [ART 358A](#)

. ART majors.

Exploration and refinement of large-scale metalsmithing processes, design concepts and techniques used in the creation of flatware and hollowware. Students will design and create complex sculptural forms, vessels, and utilitarian objects.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **•ART 359A - Architectural Metalwork and Blacksmithing**

(3 units)

Prerequisites: [ART 130](#)

and [ART 131](#)

and [ART 181](#)

and [AH 111A](#)

and [AH 111B](#)

. Art majors only. Exclude freshman.

Techniques, materials and concepts of metal craft for developing art forms in larger scale and in architectural context. Hot forging and fabricating with ferrous metals. Basic techniques of cutting, forming, joining welding and surface design of metals. Making of tools.

Letter grade only (A-F). Course fee may be required. (6 hrs. lab.) May be repeated to a maximum of 6 units.

## **•ART 359B - Sculptural Metalwork**

(3 units)

Prerequisites: [ART 130](#)

and [ART 131](#)

and [ART 181](#)

and [AH 111A](#)

and [AH 111B](#)

. Art majors only. Exclude freshman.

Introduction to metalforming and construction techniques in the design and creation of sculptural form and composition in metal on an architectural scale.

Letter grade only (A-F). Course fee may be required. (6 hrs. lab.) May be repeated to a maximum of 6 units.

## **•ART 360A - Core Studio: Sculpture Intermediate**

(3 units)

Prerequisite(s): ART 241, [ART 251A](#), [ART 254](#)

, [ART 261](#)

, [ART 263](#)

, or [ART 328A](#).

ART and Pre-ART majors only. Sculpture/4D Minors: [ART 263](#)

Exploration of a broad range of sculptural techniques and approaches from traditional 3D media to installation, site-specific and time-based practices.

Letter grade only (A-F). (6 hrs. Arts Activity)

## **ART 360B - Core Studio: Sculpture Intermediate**

(3 units)

Prerequisites: [ART 360A](#)

. Art majors. Exclude freshman.

Exploration and refinement in a wide range of sculptural techniques and strategies. Introduction to installations and public work. Some work will be with time based kinetic art. Will include introduction to 3-D art theory.

Letter grade only (A-F). (6 hrs. lab.)

## **ART 361 - Sculpture/4D: Observation**

(3 units)

Prerequisites: ART majors only. [AH 111A](#)

, [AH 111B](#)

; [ART 130](#)

, [ART 131](#)

, [ART 181](#)

, [ART 261](#)

. Exclude freshmen.

Historical, theoretical and technical emphasis on a range of approaches to observation-based art. Emphasis on figurative traditions, interpretive abstraction, in addition to considering the role of observational study in science and the broader social field. Non-medium specific.

Letter grade only (A-F). Course fee may be required. (6 hours lab)

## **ART 363A - Advanced Studio: Sculpture - Practice Lab**

(3 units)

Prerequisite(s): [ART 131](#)

; [AH 111A](#)

or [AH 111B](#)

. Art majors only. Sculpture/4D Minors: ART 263. Exclude freshmen.

Emphasis on individual practice through research, material and technical development.

Letter grade only (A-F). (6 hrs. Arts Activity)

## **ART 363B - Sculpture/4D: Fabrication Lab B**

(3 units)

Prerequisite(s): [ART 131](#)

; [AH 111A](#)

or [AH 111B](#)

and ART majors only. Or [ART 263](#)

and Sculpture/4D minors only. Exclude freshmen

Exploration of advanced techniques in dimensional fabrication, from building in architectural scale to model making. Emphasis is on complex structures, installation building and formal issues related to traditional and construction materials.

Letter grade only (A-F) (6 hrs. lab)

## **ART 363C - Core Studio: Sculpture - Digital Lab**

(3 units)

Prerequisite: [ART 131](#)

. [AH 111A](#)

or [AH 111B](#)

. ART majors and Pre-ART majors only. Sculpture/4D Minors: [ART 263](#)

. Freshmen excluded.

Exploration of advanced computational software and hardware processes through additive and subtractive fabrication. Synthesis of a broad range of techniques with an emphasis on the production of artworks through 3D printing, 3D scanning, CNC milling, and laser cutting.

Letter grade only (A-F) Course fee may be required. (6 hrs. Arts Activity)

## **ART 363D - Digital Fabrication Lab: CNC Machining**

(3 units)

Prerequisite: [ART 363C](#)

or consent of instructor.

Exploration of advanced digital fabrication software and hardware processes focused on subtractive manufacturing using CNC (computer numerical control) machining techniques related to sculptural production.

Letter Grade Only (A-F) Not repeatable for credit

## **ART 364 - Sculpture/4D: Electronics, Mechanics, Kinetics**

(3 units)

Prerequisites: [ART 130](#)  
, [ART 131](#)  
; [AH 111A](#)  
or [AH 111B](#)

. ART majors only. Or [ART 263](#)  
and Sculpture /4D Minors only. Exclude Freshmen.

Exploration of basic electronics, mechanics, microcontroller interface, and simple software coding for the creation of works of art. Consideration of form, movement, light, sound, behavior, and interactivity.

Letter grade only (A-F). Course fee may be required. (6 hours lab)

## **•ART 365 - Media Design: Motion Graphics**

(3 units)

Prerequisite: [ART 223](#)  
, [ART 318](#), and [ART 321](#)

. School of Art majors and Graphic Design minors only. Freshmen excluded.

Learning the essentials of theory, practice, visual and verbal vocabulary of moving forms. Time, space, image and audio will be emphasized within the context of concept development and design aesthetics.

Letter grade only (A-F). Course fee may be required. (6 hrs. lab.) Not open for credit to students with credit in ART 386A.

## **•ART 366 - Media Design: User-Centered Design**

(3 units)

Prerequisite: [ART 223](#)  
, [ART 321](#)

. School of Art majors and Graphic Design minors only. Exclude freshmen.

Develop skills and principles to design for non-linear environments. Students learn how to conceptually, theoretically, and aesthetically design for the user experience: information progression, usability, and accessibility.

Letter grade only (A-F). Course fee may be required. (6 hrs. lab.)

## **•ART 367A - Core Studio: Sculpture - Mold-making**

(3 units)

Prerequisites: [ART 130](#)  
and [ART 131](#)  
. [AH 111A](#)  
or [AH 111B](#)

. Art and Pre-Art majors only. Sculpture/4D minors: [ART 263](#)

. Exclude freshman.

Introduction to mold making for studio and production: rubber molds, rigid molds, vacuum forming, life casting, in addition to covering a broad range of casting materials and experimental processes.

Letter grade only (A-F). Course fee may be required. (6 hours Arts Activity)

## **ART 367B - Bronze and Metal Casting: Foundry Lab**

(3 units)

Prerequisites: Studio Art majors and [ART 131](#)

; [AH 111A](#)

or [AH 111B](#)

. Sculpture/4D Minors and ART 263. Exclude freshmen.

Large and small scale techniques in bronze and aluminum foundry casting using ceramic-shell, investment and sand casting. Course covers the full range in production techniques: mold making, wax working, gating systems, welding, finishing and patination.

Letter grade only (A-F). Course fee may be required. (6 hours lab)

## **ART 369 - Axis: Woodturning and Metal Spinning**

(3 units)

Introduction to the wood lathe, including concepts, tools and techniques relevant for making wood and metal objects and furniture applications: Spindle Turning, Bowl Turning, Vessels and Metal Spinning.

Letter grade only (A-F) (6 hrs. Art Activity) May be repeated to a maximum of 6 units in different semesters.

## **ART 370 - Core Studio: Printmaking - Survey**

(3 units)

Prerequisites: [ART 130](#)

and [ART 181](#).

[AH 111A](#)

or [AH 111B](#)

. Art and Pre-Art majors only. Printmaking minors: [ART 270](#)

. Exclude freshmen.

Studio course exploring a range of printmaking techniques and imagery, selected from the areas of etching, lithography, silkscreen, relief and monoprinting.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 371A - Core Studio: Illustration - 1**

(3 units)

Prerequisites: ART 130, ART 131, ART 181, ART 184, ART 287, AH 111A, and AH 111B . ART majors and Pre-Art majors only.

Introduction to the discipline of illustration (commissioned art), emphasizing editorial illustration, providing insight into the illustrator's role as visual dramatist and focusing on assignments exploring conceptual issues while developing technical skills (primarily black and white media).

Letter grade only (A-F) Course fee may be required. (6 hrs. Arts Activity)

## **ART 371B - Core Studio: Illustration - 2**

(3 units)

Prerequisite: [ART 371A](#)

. ART or pre-ART majors only. For Biomedical Certificate: [ART 130](#), [ART 181](#), and [ART 184](#)

Prerequisites/Corequisites: [ART 223](#)

or [ART 291](#)

. [ART 271](#)

or [ART 272](#)

. For Biomedical Certificate: [ART 271](#)

Continued study in illustration. Assignments explore conceptual issues while also developing technical skills. Emphasis on developing painting skills and understanding the use and function of color.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 372 - Core Studio: Illustration - Anatomy**

(3 units)

Prerequisites: [ART 130](#)

, [ART 131](#)

, [ART 181](#)

, [ART 184](#),

[AH 111A](#)

, and [AH 111B](#)

. For ART and pre-ART majors only. For Biomedical Certificate: [ART 130](#)

, [ART 181](#)

, and [ART 184](#)

Skeletal and muscle structure emphasizing the development of skill in depicting the human figure. This course utilizes live models.



Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 373 - Costumed Figure Drawing**

(3 units)

Prerequisites: ART 372 or ART 390 or permission of instructor. Art majors only.

Drawing from costumed models with props and controlled lighting. Emphasis on development of "staging." Manipulation of composition, light, shadow, value, color, proportion, and scale are explored to achieve mood, gesture, drama, and attitudes related to human reactions, situations and character.

Letter grade only (A-F). Course fee may be required. (6 hrs. lab.)

## **ART 374A - Biomedical Rendering**

(3 units)

Prerequisites: [ART 130](#)

, [ART 184](#)

; [ART 287](#)

or [ART 371B](#)

; or consent of instructor.

Introduction to Medical and Scientific Illustration (commissioned art), providing insight into the illustrator's role as visual dramatist, with emphasis on competency in rendering complex subjects. Assignments focus on biomedical content while developing technical skills.

Letter grade only (A-F). (6 hrs. lab.)

## **ART 374B - Biomedical Illustration**

(3 units)

Prerequisites: [ART 130](#)

, [ART 184](#)

; [ART 287](#)

or [ART 371B](#)

; or consent of instructor.

Medical and Scientific Illustration study, emphasizing editorial illustration, as well as competency in rendering complex subjects; assignments promote exploration of conceptual issues while developing technical skills.

Letter grade only (A-F). (6 hrs. lab.)

## **ART 375 - Art and Social Action: A Global Perspective**

(3 units)

Prerequisite: Upper-division standing.

Examines the interconnections among global processes and global social problems from the perspectives of art and sociology. Analyzes historical, geographical, class and status components of these problems, and the role of art to promote social change.

Both grading options.

## **ART 376 - Core Studio: Printmaking - Relief**

(3 units)

Prerequisites: ART majors and ART Pre-majors only. [ART 130](#)  
and [ART 181](#).

[AH 111A](#)

or [AH 111B](#)

. Printmaking Minors: [ART 270](#)

. Exclude freshmen.

Instruction in relief printing techniques and image development, including woodcut, wood engraving, linocut, collagraphs and alternative print surfaces. In black and white and color.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 377 - Core Studio: Printmaking - Silkscreen**

(3 units)

Prerequisites: [ART 130](#)

and [ART 181](#).

[AH 111A](#)

or [AH 111B](#)

. Printmaking Minors: [ART 270](#)

. Exclude freshmen.

Instruction in fine art screen printing techniques and image development, including resist, paper, film, emulsion and alternative stencil methods.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 378 - Advanced Studio: Printmaking - Etching**

(3 units)

Prerequisites: ART or Pre-ART majors: ART 130 and 181. AH 111A or AH 111B. Printmaking Minors: ART 270. Exclude Freshmen.

Instruction in intaglio printing techniques and image development, including etching, engraving, dry-point, aquatint and alternative platemaking methods. In black and white and color.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 379 - Advanced Studio: Printmaking - Lithography**

(3 units)

Prerequisites: ART or Pre-ART majors: ART 130 and 181. AH 111A or AH 111B. Printmaking Minors: ART 270. Exclude Freshmen.

Instruction in stone lithography techniques and image development, including crayon drawing, flats, washes, transfers and alternative drawing methods. In black and white and color.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 380 - Social Engagement with Printmaking**

(3 units)

Prerequisites: ART 130, ART 181, and AH 111A or AH 111B. Art, Pre-Art majors and Printmaking minors.

Covers the history and contemporary practices of printmaking as means for communication, social engagement, social justice, and community development through a series of lectures, hand-on projects, visiting artists, readings, discussions, writing assignments, and field trips.

Letter grade only (A-F). (6 hours Art Activity) Not repeatable for credit.

## **ART 381 - Core Studio: Drawing**

(3 units)

Prerequisites: [ART 130](#)

, [ART 181](#)

, [ART 184](#).

[AH 111A](#)

and [AH 111B](#)

. ART and Pre-ART majors. Exclude Freshmen.

Problems and concepts in drawing using a variety of media.

Letter grade only (A-F). (6 hrs. Arts Activity)

## **ART 382 - Production for Fine Art**

(3 units)

Prerequisites: [ART 223](#)

or consent of instructor. ART majors. Freshmen excluded.

Exploration of printing and reproduction process related to needs of artist, illustrator, and museum professional. Introduction to skills and vocabulary necessary for preparation of art for print and

electronic media. Emphasis on interaction with various commercial production professionals.

Letter grade only (A-F). Course fee may be required. (6 hrs. lab.)

## **ART 383 - Core Studio: Painting - Life**

(3 units)

Prerequisites: [ART 130](#)

, [ART 181](#)

, [ART 184](#)

, [ART 287](#).

[AH 111A](#)

and [AH 111B](#).

ART majors and pre-ART majors only. Exclude Freshmen.

Painting from the human figure with emphasis on representing form in space, structure, color, value, and composition.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 384 - Core Studio: Drawing - Life**

(3 units)

Prerequisites: [ART 130](#)

, [ART 181](#)

, [ART 184](#).

[AH 111A](#)

and [AH 111B](#)

. ART and Pre-ART majors. Freshmen excluded.

Continued study in drawing from the human figure from direct observation.

Letter grade only (A-F). Course fee may be required. (6 hrs. Arts Activity)

## **ART 385 - Watercolor Painting**

(3 units)

Prerequisites: [ART 130](#)

, [ART 181](#)

, [ART 184](#)

, [ART 287](#)

; [AH 111A](#)

, [AH 111B](#)

. ART majors. Exclude freshmen.

Nature and use of the watercolor media.

Letter grade only (A-F). (6 hrs. lab.)

## **ART 387 - Core Studio: Painting**

(3 units)

Prerequisites: [ART 130](#)

, [ART 181](#)

, [ART 184](#)

, [ART 287](#)

; [AH 111A](#)

, [AH 111B](#)

. ART majors, Pre-Art BFA major, Pre-Studio Art BA major, and Pre-Art Drawing & Painting BFA major only. Exclude Freshmen.

Problems and concepts in space, form, structure, color and content in studio painting.

Letter grade only (A-F). (6 hrs. lab.)

## **ART 388 - Core Studio: Painting - Color Theory**

(3 units)

Prerequisites/Corequisites: [ART 130](#)

, [ART 287](#)

, [AH 111A](#)

, [AH 111B](#)

, ART majors, Pre-Art BFA major, Pre-Studio Art BA major, and Pre-Art Drawing & Painting BFA major only. Exclude Freshmen.

Visual and aesthetic interactions of color in painting. Application of color theory including color properties, functions, and meaning. Combines lecture, demonstration, and critique with hands-on exploration, problem solving.

Letter grade only (A-F). (6 hours lab)

## **ART 390 - Drawing: Figures in Context**

(3 units)

Prerequisites: ART 184 or consent of instructor.

Prerequisite(s)/Corequisite(s): ART 371A or ART 291, or consent of instructor. ART majors, Pre-ART majors only.

Drawing from life based on the nude and draped human form and animal forms. Focus on short pose gestural drawing, emphasizing dramatic exaggeration of form and shape, movement, body language and character.

Letter grade only (A-F). Course fee may be required. (6 hours art activity).

## **ART 391 - Core Studio: Animation - Practices**

(3 units)

Prerequisite(s): [ART 291](#)

or consent of instructor. ART and Pre-Art majors only.

Continued study in animation. Focus on creating projects using elements of visual and motion design.

Provides an overview of traditional and alternative approaches to animation.

Letter grade only (A-F). Course fee may be required. (6 hours Arts Activity) Not open to students with credit in ART 391A.

## **ART 392 - Animation: Acting and Staging**

(3 units)

Prerequisite(s): [ART 272](#)

and [ART 391](#)

. Art majors only.

Continued study of principles of animation and alternative approaches learned in ART 391. Focus on movement, timing and staging. Provides further development of animating skills using specific coordinating computer software.

Letter grade only (A-F). Course fee may be required. (6 hours lab) Not open for credit to students with credit in ART 391B.

## **ART 393 - Core Studio: Animation - Design 1**

(3 units)

Prerequisite: ART 184 or consent of instructor.

Prerequisites/Corequisites: ART 291 or ART 371A or consent of instructor.

Focus on design principles in animation while developing technical skills. Emphasis on visual

development for film, TV, game and other media.

Letter grade only (A-F). Course fee may be required. (6 hours Art activity)