ARS

Art, Studio

ARS 105: Art, Art History and the Creative Process
An introduction to the creative process in art making and conceptual tools for understanding the visual arts. Students learn various methods of the creative process through demonstrations and hands-on projects in the studio, interwoven with lectures and discussions on related themes in art history and criticism. This course is offered as both ARH 105 and ARS 105.

DEC: D
SBC: ARTS
3 credits

ARS 154: Foundations: Drawing
Fundamentals of drawing with a focus on developing technical and perceptual skills in hand-eye coordination and the ability to draw from observation using a variety of media. Conceptual and expressive possibilities of drawing explored within a range of subject matter that includes still life, the figure, landscape, and the study of the drawings of major artists, past and present.

DEC: D
SBC: ARTS
3 credits

ARS 205: Foundations: Idea and Form
An exploration of the basic building blocks of artistic practice and aesthetic analysis. Projects, readings, presentations, and discussions are used to examine the impact cultural, environmental and social context have on meaning and perception in art and visual culture. Projects are organized around themes such as line, plane, volume, color, composition, pattern, scale, narrative, performance, light, and time. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

DEC: D
SBC: ARTS
3 credits

ARS 256: Introductory Sculpture
An introduction to sculpture. Students will learn basic skills and concepts relevant to 3-D creation, using a variety of materials and techniques. Specific sequentially organized projects in armature building, modeling, casting, and wood construction to develop technical skills, in conjunction with lectures, group critiques and discussions.

Prerequisite: ARS 154 or ARS 205
3 credits

ARS 255: Introductory Painting
Introductory painting in oils or acrylics. The various media, tools, and techniques of painting and of preparing surfaces for painting are explored. Continues the work of ARS 154 in the traditional areas of landscape, still life, and figure, as well as in perspective, foreshortening, proportion, anatomy, and color theory. One or two field trips to New York City museums and galleries may be required.

Prerequisite: ARS 154
3 credits

ARS 225: Introduction to Digital Art
A hands-on introduction to the use of computers in the fine arts. Students explore image creation/manipulation, digital publishing and moving image through lecture, lab and discussion. Emphasis is on the expressive potential of the technology. No prior computer experience is required. Study of the history and impact of digital media on the arts and contemporary culture contextualize practical assignments. This course serves as preparation for further study in electronic media. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Advisory Prerequisite: ARS 205
DEC: D
SBC: ARTS
3 credits

ARS 256: Introductory Printmaking
Introductory printing in intaglio, relief (woodcut, lithography, printing block), and if time permits, monoprinting, and if time permits, lithography. Demonstrations and lectures treat printing techniques and print shop procedures. Students are introduced to intaglio (etching, drypoint, engraving), relief (wood block, line block) monoprinting, and if time permits, lithography. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

Prerequisite: ARS 154
3 credits

ARS 258: Introductory Photography
An introduction to the creative techniques and visual grammar of contemporary photographic image production. This course presents core camera operations, lens-based techniques, and software applications used in digital image processing and output. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information. Estimated cost of supplies is $450, in addition to the course fee.

DEC: D
SBC: ARTS
3 credits

ARS 299: Studio Management Workshop
Development of practical skills needed to manage and maintain a studio lab or shop in the art department. Students work under the supervision of a faculty member in an area of interest, such as photography, printmaking, electronic media, or sculpture. May be repeated twice.

Prerequisite: Permission of instructor
1 credit, S/U grading

ARS 308: Writing About Art
An advanced topics course with a focus on research, analytical skills and writing about art. Students analyze essays by different artists, scholars, and critics about a central topic before selecting and developing their own related topic to research. The final project is a research paper that begins with a thesis statement and outline, includes several drafts, oral presentations, peer review and a final product. Seminar format with visual lectures, discussions, and field trips to museums and galleries. This course is offered as both ARH 308 and ARS 308.

Prerequisite: enrollment in the ARH major/minor and permission of instructor
SBC: WRTD
3 credits

ARS 324: Intermediate Digital Art: Design
This course focuses on the aesthetic, social, political, and ethical issues at stake in the production of design. The course extends beyond two-dimensional graphic design to include critical approaches to the practice and production of architecture, urbanism, environmental design, social life, and fine art.

Prerequisite: CDT 208 or ARS 225
ARS 325: Digital Arts: Print
An introduction to the practice and theory of constructed digital art and design through lecture, labs, readings and art production. Students use contemporary compositing, page layout and design techniques to create image centered works of art, including digital prints, artist’s books, data based visualization, and installations. Hybrid combinations of digital and analog image making techniques are also explored. Study of the history and impact of digital print media on the arts and contemporary culture contextualize practical assignments. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: ARS 225 or ARS 281 or CDT 208
SBC:  HFA+
3 credits

ARS 326: Video Art: Narrative Forms
An exploration of the practice, theory, and history of narrative video art and independent cinema through lecture, production and critique. Students script, plan, shoot and edit short narrative video works for screen and projection. Emphasis is on story development, technical proficiency, creative execution and critical thinking. Video production and editing is done digitally. Video production is supported by the study of historical and contemporary examples of narrative-based video art. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: ARS 225 or ARS 281 or CDT 208
SBC:  HFA+
3 credits

ARS 327: Digital Arts: Web Design and Culture
An exploration of the practice and history of art on the Internet through lecture, project production, discussion and critique. Students create content for the web and mobile platforms while examining historical, and theoretical issues related to art and design on the Internet. Images, text, sound, and code are used to create web-based artworks and informational sites in response to course content. Emphasis is on creative use of current web technologies and software, as well as an examination of the cultural implications of the web. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: CDT 208 or ARS 225
DEC:  H
3 credits

ARS 328: Digital Arts: Animation
An investigation of the practice, theory, and history of animation within art and independent media through labs, lecture, readings, and project critiques. Animation production will cover computer-based stop-motion as well as some 2D and 3D computer animation. Emphasis is on creative content, experimentation and critical thinking. Students work with computer based 2D and 3D animation tools to create several short assignments and one significant project using one or more techniques.
Prerequisite: CDT 208 or ARS 225
SBC:  HFA+
3 credits

ARS 329: Video Art: Experimental Forms
An exploration of video as a fine art medium. Video is a pliable medium that can be integrated into objects, installations and performances; exhibited as single or multi-channel projects and harnessed for its light and time bending capacities. Students explore the potential of video as fine art material through production, lecture, discussion and critique, including an overview of important contemporary and historical video art projects, and related readings, support art production. Emphasis is on the exploration of experimental video methods and video centered artworks, rather than conventional narrative forms. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: ARS 225 or ARS 281 or CDT 208
SBC:  HFA+
3 credits

ARS 350: Life Drawing and Painting
Drawing and painting of the human figure. May be repeated once. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: ARS 255
3 credits

ARS 351: Painting II: Theory and Practice
Painting and drawing studio; practice and theory stressing exploration of media and crafts, historical styles, and individual development.
Prerequisite: ARS 154 and ARS 255
3 credits

ARS 352: Painting III: Theory and Practice
A continuation of ARS 351, stressing the individual development of the student as a maturing artist through critiques of the student’s work and discussion of contemporary and historical issues in art.
This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: ARS 351
3 credits

ARS 359: Theory and Practice of Conceptual Drawing
The further study of different processes and methods of generating drawings, encouraging individual expression. Slide presentations, assigned readings, and gallery visits are part of the student’s experience.
This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: ARH 206 and ARS 255
3 credits

ARS 364: Advanced Theory and Practice of Ceramics
An advanced course in ceramics stressing sophisticated sculptural forms and techniques in earthenware, stoneware, porcelain, and raku clay bodies. Class work is based on individual projects stressing expression of ideas and image making. Additional techniques of mold making, slip casting, and raku firing enlarge the repertoire of construction and surface finishes. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisites: ARS 264 and ARH 102
3 credits

ARS 365: Theories and Practice of Sculpture: Welding, Construction, and Intermedia
A range of techniques, materials and ways to approach sculpture will be explored. The class will consist of technical demonstrations in wood constructions, plasma cutting, welding, forming, forging in metal, and related concepts and techniques in intermedia. Through lectures, critiques and discussions, the course will also address the various stages of planning, from conceptualizing the idea, gathering materials, to physical and material considerations.
Prerequisite: ARS 256
3 credits
ARS 366: Theory and Practice of Sculpture: Modeling, Casting, and Carving
A historical and philosophical survey of sculpture in expanded fields. Exploration focusing on site as a major component of artwork in both content and form, emphasizing multidimensional work in relation to context, material and intent. The class will consist of technical demonstrations in various materials, lectures, critiques, and discussions. Students will learn creative skills in the design process: site analysis, conceptualization, presentation, and production. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: ARS 256
SBC: HFA+
3 credits

ARS 374: Theory and Practice of Printmaking: Intaglio Processes
Further development of the craft of black-and-white intaglio printing, utilizing various methods including dry point, engraving, etching, soft ground, and aquatint, with an emphasis on the history of printmaking. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: ARS 274
SBC: 3 credits

ARS 375: Theory and Practice of Printmaking: Lithography
Demonstrations and hands-on work in the basic techniques of direct lithographic printing from limestone, primarily in black and white, with an emphasis on the history of printmaking.
Prerequisite: ARS 154
Advisory prerequisite: ARS 274
SBC: 3 credits

ARS 381: Color and Light Photography
An exploration of the creative aspects of color and light relationships with natural and artificial lighting. This course presents digital imaging techniques, critical color output, and use of the lighting studio. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information. Estimated cost of supplies is $300 in addition to the course fee.
Prerequisite: ARS 281
SBC: HFA+
3 credits

ARS 382: Analog Black and White Photography
A study of analog black and white photography using traditional materials, processes and analog imaging techniques. Use of black and white photographic film formats, and the darkroom. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: ARS 281
SBC: HFA+
3 credits

ARS 389: Topics in Studio Art
Semester supplements to this Bulletin contain specific descriptions when course is offered. May be repeated as the topic changes. Not for major credit.
Prerequisite: ARS 154 or ARS 205
DEC: G
SBC: HFA+
3 credits

ARS 420: Studio Art Senior Seminar
An advanced seminar and critique course for seniors to develop a body of work in their individual area, particularly designed for students who wish to continue study and/or work in the visual arts. Where applicable, includes field trips and assignments of special lectures, panels, seminars, and other events and practices of the professional art world. A group exhibition in a public on-campus venue will be strongly encouraged.
Prerequisite: U3 or U4 standing; ARS major or minor
SBC: SPK
3 credits

ARS 425: Advanced New Media Art
Advanced study of the practice and theory of new media art through production, lecture, discussion, exhibition and critique. Students create self-defined projects that revolve around new media methodologies and techniques. Artwork created in class can include but is not limited to 2 and 3D digital print, video, animation, interactive objects, data, installation and performance. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information. May be repeated once.
Prerequisite: 2 or more of the following courses: ARS 324, ARS 325, ARS 326, ARS 327; ARS 328; ARS 381; ARS 382; ARS 329; CDT 317; CDT 318; or permission of instructor
SBC: WRTD
3 credits

ARS 444: Experiential Learning
This course is designed for students who engage in a substantial, structured experiential learning activity in conjunction with another class. Experiential learning occurs when knowledge acquired through formal learning and past experience are applied to a “real-world” setting or problem to create new knowledge through a process of reflection, critical analysis, feedback and synthesis. Beyond-the-classroom experiences that support experiential learning may include: service learning, mentored research, field work, or an internship.
Prerequisite: WRT 102 or equivalent; permission of the instructor and approval of the EXP + contract (http:// sb.cc.stonybrook.edu/bulletin/current/policiesandregulations/degree_requirements/EXPplus.php)
SBC: EXP+
S/U grading

ARS 452: Advanced Theory and Practice of Painting
Examination of ideas and techniques of painting through studio, lecture, critique, exhibition, and painting assignments. May be repeated once.
Prerequisite: ARS 351 and 352; ARH 342
3 credits

ARS 459: Write Effectively in Studio Art
A zero credit course that may be taken in conjunction with any 300- or 400-level ARS course, with permission of the instructor. The course provides opportunity to practice the skills and techniques of effective academic writing and satisfies the learning outcomes of the Stony Brook Curriculum’s WRTD learning objective.
Prerequisite: WRT 102; permission of the instructor
SBC: WRTD
S/U grading

ARS 465: Advanced Theory and Practice of Sculpture: Welding, Construction, and Inter-media
An advanced course in the theory, techniques, and methodology’s informed by contemporary studio practice and innovation. The class will consist of technical demonstrations, lectures, critiques and discussions. Emphasis is on creative content, and process, critical thinking, and experimentation. Increased ability in the articulation of three-dimensional form and space will be explored. May be repeated once, for a total of 6 credits.
Prerequisite: ARS 365
3 credits
ARS 466: Advanced Theory and Practice of Sculpture: Installation, Site Specific and Public Art
An advanced investigation of the history, contemporary practice, and techniques of sculpture, installation, and expansions of art in the public realm. Students will explore ideas as research through readings, discussions, and critiques. Emphasis is on the conceptual investigation, and artistic expression through experimentation and production in space/time inquiry. Examinations of ideas through alternative visual processes may be explored. May be repeated once, for a total of 6 credits. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: ARS 365 or ARS 366
3 credits

ARS 471: Advanced Theory and Practice of Printmaking: Intaglio Processes
Continued development of intaglio techniques, emphasizing a variety of multi-plate and single-plate color printing processes, and tailored to the individual requirements of advanced students. May be repeated once.
Prerequisite: ARS 374
3 credits

ARS 472: Advanced Theory and Practice of Printmaking: Lithography
Continued development of lithographic techniques, emphasizing methods of stone and plate lithography and leading to the production of printed single- and multi-colored editions. May be repeated once.
Prerequisite: ARS 375
3 credits

ARS 475: Undergraduate Teaching Practicum I
Work with a faculty member as an assistant in one of the faculty member's regularly scheduled classes. The student is required to attend all the classes, do all the regularly assigned work, and meet with the faculty member at regularly scheduled times to discuss the intellectual and pedagogical matters relating to the course.
Prerequisites: Studio art major; preferably U4 standing; sponsorship of an instructor; permission of department
SBC: EXP+
3 credits, S/U grading

ARS 476: Undergraduate Teaching Practicum II
Work with a faculty member as an assistant in one of the faculty member's regularly scheduled classes. The student is required to attend all the classes, do all the regularly assigned work, and meet with the faculty member at regularly scheduled times to discuss the intellectual and pedagogical matters relating to the course. Students assume greater responsibility in such areas as assisting in demonstrations and critiques, only under direct supervision of the instructor. The course in which the student is permitted to work as a teaching assistant must be different from the course in which he or she previously served. Prerequisite: ARS 475; permission of department
SBC: EXP+
3 credits, S/U grading

ARS 481: Advanced Photography
Advanced photography production and independent self-directed project based work, contextualized by readings, discussions, critiques and presentations. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information. Estimated cost of supplies is $300 in addition to the course fee.
Prerequisite: 2 or more of the following courses: ARS 324, ARS 325, ARS 326, ARS 327; ARS 328; ARS 381; ARS 382; ARS 329; CDT 317; CDT 318; or permission of instructor
3 credits

ARS 482: Photography IV
Advanced photography, stressing the theory and practice of communicative skills and presentation, aimed at enabling the serious photography student to follow and develop his or her personal objectives. Emphasis will be on the preparation of a portfolio to reflect each student's future goals. Estimated cost of supplies is $300 in addition to the Lab fee. May be repeated once, for a total of 6 credits.
Prerequisites: ARS 481 and permission of the instructor after interview and review of portfolio
3 credits

ARS 487: Advanced Directed Projects in Studio Theory and Practice
Advanced independent projects for outstanding students under the supervision of a faculty member. May be repeated once for a maximum of six credits.
Prerequisites: Advanced status in one of the studio areas; sponsorship of a faculty member; permission of department
0-6 credits

ARS 488: Internship
Prerequisites: U3 or U4 standing; 15 credits in art department courses; permission of department
SBC: EXP+
0-6 credits, S/U grading

ARS 491: Special Topics in Studio Theory and Practice
May be repeated as the topic changes. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
Prerequisite: Permission of department
3 credits

ARS 492: Special Topics in Studio Theory and Practice
May be repeated as the topic changes. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

ARS 495: Senior Honors Project in Studio Art
A one-semester project for studio art majors who are candidates for the degree with departmental honors.
Prerequisites: Permission of instructor and department
3 credits

CDT

Consortium for Digital Arts Culture and Technology

CDT 208: Introduction to Media Technology
A survey and hands-on introduction to digital media. Students are introduced to the practical, conceptual, and historical use of computers and related imaging tools in the visual arts through lecture, labs, readings, and project critiques. This course serves as preparation for further study in electronic media and as an opportunity for students in the arts to gain basic computer literacy. Students will develop strategies for combining images and text. Students will then distribute these works on the web. Emphasis is on the conceptual and artistic potential of the technology. No prior computer experience is required. Formerly offered as ARS/TRH 208. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.
**CDT 317: Interactive Media, Performance, and Installation**

A multi-disciplinary production class that explores the possibilities of interactive media through image, sound and performance. Students will participate in all aspects of audio and video production with the intent of creating finished interactive mixed media installations or performances. Course topics include sound recording and synthesis, sampling, video, lighting, alternative input, MIDI and OSC. This hands-on course stresses small experimental-creative laboratory assignments and culminates in final small-group or individual projects. All editing and postproduction will be done digitally. All production for this course is within a fine arts context, and is graded accordingly. Throughout the semester students will be exposed to video, audio and installation works from a variety of artists. Contemporary video and audio practices will be a key component of the class in both production and critique. Participation in the discussion of these works is required, as is participation in critiques of student works. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

**Prerequisite:** One ARS, CCS, CSE, ISE, MUS, or THR course

**Advisory Prerequisite:** CDT 208 or ARS 225

**SBC:** ARTS, TECH

**3 credits**

**CDT 318: Movie Making: Shoot, Edit, Score**

An investigation of the relationship between music and film and video. Students script, shoot, edit, and create short videos with soundtracks, exploring different aspects of visuals and music. All editing is done digitally. All production for this course is within a fine arts context, and is graded accordingly. Throughout the semester students will be exposed to video, audio and installation works from a variety of artists. Contemporary video and audio practices will be a key component of the class in both production and critique. Participation in the discussion of these works is required, as is participation in critiques of student works. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

**Prerequisite:** One ARS, CCS, CSE, ISE, MUS, or THR course

**Advisory Prerequisite:** CDT 208 or ARS 225

**SBC:** ARTS, TECH

**3 credits**

**CDT 341: Sound Design**

An investigation into the scientific, formal and artistic qualities of sound developed for students who may or may not have had formal musical training. Students will write reviews of sound pieces, create film or game soundtracks, and create sound-based art-works in response to course content, and write a paper on acoustic or psycho-acoustic phenomena. Emphasis is on studio production techniques, history of sound art and basic acoustics. Students will work on Apple computers in the SINC site and LTA. This course has an associated fee. Please see www.stonybrook.edu/coursefees for more information.

**Prerequisite:** One ARS, CCS, CSE, ISE, MUS, or THR course

**Advisory Prerequisite:** CDT 208 or ARS 225

**SBC:** ARTS, TECH

**3 credits**

**CDT 444: Experiential Learning**

This course is designed for students who engage in a substantial, structured experiential learning activity in conjunction with another class. Experiential learning occurs when knowledge acquired through formal learning and past experience are applied to a “real-world” setting or problem to create new knowledge through a process of reflection, critical analysis, feedback and synthesis. Beyond-the-classroom experiences that support experiential learning may include: service learning, mentored research, field work, or an internship.

**Prerequisite:** WRT 102 or equivalent; permission of the instructor and approval of the EXP+ contract (http://sb.cc.stonybrook.edu/bulletin/current/policiesandregulations/degree_requirements/EXPplus.php)

**SBC:** EXP+

**0-6 credits, S/U grading**

**CDT 450: Topics in Computational Arts**

Studies of topics arising from the intersection of digital arts, culture and technology, using a variety of approaches from the arts, humanities and sciences. Possible topics include: Disruptive Technologies, Virtual 3D Story Telling, Cultural Networks, Fast, Cheap, and Out of Control: the Remonetization of Music and Other Promiscuously Transportable Media Objects. May be repeated for credit as the topic changes.

**Prerequisite:** CDT 208 and one 300-level course from CDT, ARH, ARS, CAT, CSE, EST, MUS, THR, or a course approved by cDACT Director

**DEC:** H

**SBC:** STAS

**3 credits**

**CDT 487: Independent Project in Computational Arts**

Intensive study of a special topic undertaken with close faculty supervision. Request for project approval must be submitted no later than the last week of classes of the prior semester. May be repeated.

**Prerequisite:** Permission of director of undergraduate studies

**0-6 credits**

**CDT 488: Internship**

Internship projects arranged in consultation with a faculty member and an outside agency.

**Prerequisite:** permission of instructor

**SBC:** EXP+

**0-6 credits, S/U grading**