

# Art

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*Professors:* Cassidy, Hewitt, Marasco, Shaughnessy, Ubans; *Associate Professors:* Burk, Grant, Piribeck, Schiferl, Wilson; *Assistant Professors:* Chen, Seah; *Director of Exhibitions and Programs:* Eyer; *Studio Technician:* MacWhinnie; *Coordinator of Internships:* Volland; *Image Library Coordinator:* Sauerwald

*Adjunct Faculty:* Judith Allen, Patricia Anderson, Jean Baxter, Patty Benson, Susan Colburn-Motta, James Flahaven, Rebecca Goodale, Virginia Goodlet, Richard Lethem, Robert Lieber, Lin Lisberger, Fred Lynch, Bernard Meyers, Sue Nutty, Elizabeth Olberg, Carl Schatz, David Schneider, Beata Niedzialkowska, Richard Wilson

The Department of Art offers four-year degree programs in studio art, art history, and art education. Students may select a bachelor of fine arts (B.F.A.) with concentrations in ceramics, digital art, drawing, painting, photography, printmaking, and sculpture. A concentration in art education is available to B.F.A. candidates who wish to teach art. The bachelor of arts (B.A.) in studio art combines a liberal arts education with emphasis on the visual arts. A bachelor of arts (B.A.) in studio art with a concentration in art and entrepreneurial studies, combining study in studio art with courses in business development, and a bachelor of arts (B.A.) in art with a concentration in art history are also offered.

The Department prides itself on giving students a rigorous studio experience, an historical understanding of the complexity of art practices, and the critical skills needed to produce informed visual artists, art educators, and art historians. Our goal is to graduate artists and art professionals who possess a thorough grounding in their field (both practical and theoretical), who honor the creative process, and who can write about, criticize, and bring context to works of art. The Department is not tied to a specific style or approach to art making, but instead emphasizes students' ability to think creatively, to include their own point of view, and to defend their choices with an informed voice.

## Admission Requirements

Applicants to the Department of Art should observe the following procedure. Formal application should be made to the director of undergraduate admission, Office of Undergraduate Admission. Current degree candidates enrolled at the University who transfer into the Department of Art from another discipline must obtain a change of major form and submit this form with a current transcript to the chair of the Department of Art.

A student is then a candidate for matriculation in the Department of Art. All candidates must complete the art foundation, consisting of Fundamental Design I & II, Fundamental Drawing I & II, Art History: Prehistoric to Medieval, and Art History: Renaissance to Present before matriculating as an art major in the Department of Art.

To become a matriculated art major in one of the two degree programs, a portfolio of original works must be submitted to the Department for evaluation. Portfolios are not required for the art history concentration. This must be done during or no later than one semester beyond completion of the art foundation courses. If the student completed the art foundation at another institution, he or she must submit a portfolio at the next scheduled opportunity and no later than the second semester at USM. The portfolio should consist of no more than 12 works within specific categories.

Each work submitted is to be labeled on the back with the student's name and category. No slides, glass, three-dimensional work, or work larger than 36" x 36" (including matting) will be accepted. Presentation should be considered for the joint purpose of appearance and protection. The Department cannot accept responsibility for damage to or loss of the work. All three-dimensional work must be represented by a minimum of two photographs of each work, mounted and placed in plastic sleeves. The categories and numbers of work for each category are as follows:

*Two-dimensional works* (3 pieces) should be taken from and/or exhibit skills in the visual design of the flat page;

*Three-dimensional works* (2 pieces) should exhibit (in photographs) capabilities in the physical development and articulation of form and space;

*Drawing category* (3 pieces) should contain works of any medium exhibiting skills and concepts of drawing;

*Self-portrait* (1 piece) should be executed from life and may be in any medium but should be a representational depiction rendered by hand; and  
*Open submissions* (3 pieces) may be work in any medium as long as it conforms to the overall guidelines of this review.

Portfolios that do not adhere to the established procedures will not be accepted for review.

Art candidates whose portfolios are not accepted are required to meet with their advisor and one additional full-time faculty member to review and discuss their plans for re-submission. Portfolios that are not accepted may be re-submitted two additional times. Failure at the conclusion of these three times will result in denial of acceptance as an Art Department degree candidate.

Students are required to submit a portfolio for acceptance to the Department prior to enrolling in any 200-level or above studio courses.

Portfolio deadlines and application forms may be obtained from the Department of Art. Portfolios are reviewed once each semester. Final notification of a decision will come from the Department of Art approximately two weeks after the portfolios have been evaluated.

Students already enrolled in the University who wish to change their major to art must follow the Departmental admission procedures concerning submission of portfolio, as described above. Art presentation workshops are offered annually.

Only students who have completed the art foundation and who have earned 60 credits or more may enroll for Independent Study courses. Grades of C– or better must be earned to satisfy a major or minor requirement.

Academic credit for summer workshops is available with Haystack Mountain School of Crafts in Deer Isle, Maine. Contact the Department of Art or Summer Session for more information.

### *Bachelor of Fine Arts (B.F.A.) Degree in Studio Arts*

The B.F.A. degree is offered for students who seek focused, undergraduate professional education in studio practice. There are degree concentrations in ceramics, digital art, drawing, painting, photography, printmaking, and sculpture. The program prepares students to become open, resourceful, critical, and independent thinkers, capable of successfully conceiving, articulating, and resolving their own visual problems, and equally capable of successfully viewing, appreciating, and contemplating the work of others. They will be engaged and active artists producing work that encompasses theoretical and practical knowledge.

Students who intend to pursue professional careers in art and design or who plan to pursue graduate study culminating in the M.F.A. degree are encouraged to seek admission to the B.F.A. program. B.F.A. students are admitted as art candidates. Final acceptance into the B.F.A. degree program depends upon acceptance of portfolio.

The minimum number of credits (exclusive of the University's Core curriculum) required for the major: 87.

#### Art Foundation (18 credits)

ART	111G	Art History: Prehistory to Medieval
ART	112G	Art History: Renaissance to the Present
ART	141F	Fundamental Design I (2-D)
ART	142	Fundamental Design II (3-D)
ART	151F	Fundamental Drawing I
ART	152	Fundamental Drawing II

#### Upper Level Art History Requirements (9 credits\*)

ARH		200- or 300-level Art History Elective
ARH		200- or 300-level Art History Elective
ARH	411	Philosophy of Art (or PHI 220)

#### Studio Requirements (9 credits)

Do three of eight 200-level courses **other than your concentration**.

ART	220	Introduction to Digital Art
ART	231	Introduction to Ceramics
ART	251	Drawing
ART	261	Introduction to Painting
ART	271	Introduction to Photography
ART	281	Introduction to Printmaking: Intaglio and Relief

ART	282	Introduction to Printmaking: Lithography and Screenprinting
ART	291	Introduction to Sculpture
Concentration Requirements (24 credits)		
ART	2XX	Introductory Studio
ART	3X1	Intermediate Studio I
ART	3X2	Intermediate Studio II
ART	4X1	Advanced Studio I
ART	4X2	Advanced Studio II
ART	XXX	Required elective in concentration**
ART	400	Internship in the Visual Arts
ART	401	Senior Seminar
Studio Courses (Elective & Required) (27 credits*)		
Any 200-, 300-, or 400-level studio courses		
ART Studio Electives		

Completion of the senior exhibition is also required for the B.F.A. The B.F.A. senior exhibition requirement must be completed while enrolled in ART 401 Senior Seminar in Studio Art.

\*See specific requirements and recommendations in your area of concentration.

\*\*Can be met by one of the following: ART 400 Internship in the Visual Arts, ART 407 Independent Study, ART 408 Advanced Problems, or approved course within discipline, including summer course offerings, Haystack School of Crafts courses, or ART 412 Topics in Studio Arts.

### *Concentration Requirements and/or Recommended Courses*

Each concentration has additional requirements or course recommendations as follows:

*Ceramics:* ART 351 Intermediate Drawing I and ART 352 Intermediate Drawing II are both required.

*Digital Art:* ART 271 Photography is required and ART 382 Experimental Printmaking is recommended. ARH 327 Modern Art and ARH 328 Contemporary Art are recommended.

*Drawing:* Recommended upper-level art history courses are ARH 317 Contemporary Art; ARH 316 Modern Art and/or ARH 217 Asian Art; or any ARH non-Western Art.

*Painting:* ART 351 Intermediate Drawing I and ART 352 Intermediate Drawing II are both required; recommended upper-level art history courses are ARH 214 Renaissance Art or ARH 212 Classical Art; and ARH 316 Modern Art or ARH 315 Nineteenth-Century European Art.

*Photography:* Required studio courses in addition to the photography sequence are: ART 220 Introduction to Digital Art; ART 281 or ART 282 Introduction to Printmaking; and ART 382 Experimental Printmaking. Recommended upper-level art history courses: ARH 318 History of Photography, ARH 327 Modern Art or ARH 328 Contemporary Art.

*Printmaking:* ART 220 Introduction to Digital Art is the required concentration elective. Additionally, both ART 281 Introduction to Printmaking: Intaglio and Relief and ART 282 Introduction to Printmaking: Lithography and Screenprinting, are required. Recommended remaining studio electives should constitute a focused sequence in any other concentration that relates to the student's studio practice. Recommended art history courses are ARH 310 Cross-Cultural Perspectives and ARH 328 Contemporary Art (1950-present).

*Sculpture:* Recommended studio course is ART 271 Photography; recommended upper-level art history is ARH 217 Asian Art or any ARH non-Western art, and ARH 317 Contemporary Art. *Note:* ART 249 2-D and 3-D Figure Study (offered summers only) also satisfies the required elective in the sculpture concentration.

### *Bachelor of Fine Arts with a Concentration in Art Education*

The bachelor of fine arts with a concentration in art education offers an in-depth studio experience as well as a professional course of study in art education leading to teacher certification in Maine. The program is guided by a conceptual framework that proposes that individuals need to be prepared for work in an increasingly com-

plex and culturally diverse world, and that such work is best done through collaboration and reflective inquiry.

For those who want certification to teach art in Maine and who already have a B.A., B.F.A., or M.F.A. in studio art, we offer our B.F.A. with a concentration in art education. For most people this means taking the 30-credit professional education sequence to fulfill all state requirements. This can usually be completed in two years. Field experiences and student teaching placement schools are located in southern Maine. For more information, contact the Department.

The minimum number of credits (exclusive of the University's Core curriculum) required for this degree is 90. The 90 credits include 9 hours of electives in art, art history, and design (recommended). It is recommended that students majoring in art education take COR 119F Illuminated Autobiography as part of the University's Core curriculum requirements.

Art Foundation (18 credits)

ARH	111G	Art History: Prehistoric through Medieval
ARH	112G	Art History: Renaissance to the Present
ART	141F	Fundamental Design I (2-D)
ART	142	Fundamental Design II (3-D)
ART	151F	Fundamental Drawing I
ART	152	Fundamental Drawing II

Completion of the senior exhibition is required for the B.F.A. with a concentration in art education.

Upper Level Art History Requirements (6 credits)

ARH	200- or 300-level Art History Elective
ARH	411 Philosophy of Art (or PHI 220)

Art Studio Requirements (21 credits)

ART	220	Introduction to Digital Art
ART	231	Introduction to Ceramics
ART	251	Drawing
ART	261	Introduction to Painting
ART	271	Introduction to Photography
ART	281	Introduction to Printmaking
ART	291	Introduction to Sculpture

Art Studio Concentration Requirements (9 credits)

This may be taken in either digital art, drawing, ceramics, painting, photography, printmaking, or sculpture.

ART	3XX	Intermediate I
ART	3XX	Intermediate II
ART	4XX	Advanced I

Professional Education Requirements (27 credits excluding HRD 200J)

One of either

EDU	200	Education in the United States
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or

EDU	210	Theoretical Foundations of Learning
HRD	200J	Human Growth and Development**
AED	221	Practicum in Art Education
AED	321	Principles and Procedures in Art Education*
AED	421	Seminar in Art Education*
EDU	324	Student Teaching I*
EDU	324	Student Teaching II*
EDU	335	Teaching Children with Exceptional Needs

Permission of the instructor and passing scores (determined by the Maine Department of Education each year) on the PRAXIS I test are required prior to student teaching and continuation in the program. Students must maintain a 3.0 minimum grade point average (GPA) in art studio, art history, and the art education sequence courses as well as a 2.5 minimum GPA overall.

\*A 3.0 minimum grade point average (GPA) in art studio, art history, and art education sequence courses must be maintained to register for AED 321, EDU 324, AED 421, EDU 335, and to graduate from the program.

\*\*HRD 200J counts as a University Core requirement and a Professional Education requirement.

The Teacher Education Council, comprising deans, department chairs, faculty, and school representatives from all programs offering initial teacher preparation, is the governing body for program review and evaluation for all initial level teacher education programs at USM.

### *Bachelor of Arts (B.A.)*

The B.A. in studio art is a four-year liberal arts degree in studio art. The program is meant to give a substantial studio experience with a significant number of non-art electives. Students complete the art foundations and then progress into a specific studio concentration area. This degree encourages students to take a broad range of courses in conjunction with disciplines outside of the visual arts. Up to 60 ART studio credits will be accepted toward the degree.

The minimum number of credits (exclusive of the University's Core curriculum and electives) required for the major: 48.

#### Art Foundation (18 credits)

ARH	111G	Art History: Prehistoric through Medieval
ARH	112G	Art History: Renaissance to the Present
ART	141F	Fundamental Design I (2-D)
ART	142	Fundamental Design II (3-D)
ART	151F	Fundamental Drawing I
ART	152	Fundamental Drawing II

#### Art History Requirements (9 credits)

ARH	200- or 300-level art history elective
ARH	200- or 300-level art history elective
ARH	411 Philosophy of Art (or PHI 220)

Studio Art Requirement (21 credits, including three 200-level studio courses from ART 220, 231, 251, 261, 271, 281, or 291, and two 300-level studio courses within one discipline)

No more than 60 credit hours with ART designation may be used to fulfill 120 credit-hours degree requirement.

### *B.A. in Art with a Concentration in Art and Entrepreneurial Studies*

The B.A. in Studio Art and Entrepreneurial Studies is an in-depth studio experience with courses in small business and entrepreneurship. It involves a combination of art and art history courses with a required studio concentration, a cluster of business courses, a digital-based course, and an internship experience with creative professionals. Within the general electives, students may choose to incorporate a minor or select additional studio (ART) or art history (ARH) courses. This degree is for students who wish to pursue a career in the creative arts in the commercial or non-profit sectors. It is intended to offer students a greater ability to engage in creative arts sector employment and/or independent small business development.

The minimum number of credits (exclusive of the University's Core curriculum and electives) required for the major: 48

#### Art Foundation (18 credits)

ARH	111G	Art History: Prehistoric through Medieval
ARH	112G	Art History: Renaissance to the Present
ART	141F	Fundamental Design I (2-D)
ART	142	Fundamental Design II (3-D)
ART	151F	Fundamental Drawing I
ART	152	Fundamental Drawing II

#### Art History Requirements (9 credits)

ARH	200- or 300-level art history elective
ARH	200- or 300-level art history elective
ARH	411 Philosophy of Art (or PHI 220)

Studio Art Requirement (30 credits, including four 200-level studio courses from ART 220, 231, 251, 261, 271, 281 or 282, or 291; two 300-level studio courses and one 400-level course within one discipline; and three to six credits from ART 400 and/or ART 408 with the remaining six credits in studio electives)

Business Requirement (12 credits, not exclusive of ECO 100J and ECO 102J, including three credits from each of the following groups: BUS 101 or BUS 200; ACC 110; BUS 260 or BUS 165J; and BUS 385)

Technology Requirement (3 credits from ITT 181, ITT 231, ITT 241, ITT 343, ITT 482, or ABU 180)

No more than 60 credit hours with ART designation may be used to fulfill 120 credit-hours degree requirement.

### *B.A. in Art with a Concentration in Art History*

To become a matriculated art major with a concentration in art history, the student must apply for admission to the program during the semester the foundation courses are being completed or the semester after their completion. No portfolio is required. The student may obtain the appropriate form in the Art Department office.

To receive credit toward the major, the student must maintain at least a 2.5 average in art history courses. Students are encouraged to acquire a reading knowledge of a foreign language, preferably French or German.

The minimum number of credits required for the major: 45.

Art Foundation (18 credits)

ARH	111G	Art History: Prehistoric through Medieval
ARH	112G	Art History: Renaissance to the Present
ART	141F	Fundamental Design I (2-D)
ART	142	Fundamental Design II (3-D)
ART	151F	Fundamental Drawing I
ART	152	Fundamental Drawing II

Upper Level Requirements (30 credits)

ARH	321, 322, or 323	Classical, Medieval, or Renaissance Art
ARH	325, 326, 327, or 328	19th- or 20th-Century Western Art
ARH	310 or 329	Non-Western Art
ARH	410	Seminar in Art History (May substitute ARH 412 Topics in Art History with permission of the Art Department Chair.)
ARH	411	Philosophy of Art (or PHI 220)
ART	400	Internship in the Visual Arts

Art History elective (upper level course) (3 credits)

Approved upper level electives from one or more of the following areas: Art History, History, Anthropology, Literature, Classics. Students should consult with their art history advisor to select appropriate courses. (9 credits)

### *Minor in Art History*

The minimum number of art history credits (exclusive of the University's Core curriculum) required for the minor: 21.

The minor consists of ARH 111G, ARH 112G, and ARH 411, and 12 credits of art history courses (noted by ARH prefix) above the 100 level including: a.) at least one of the following areas: Classical, Medieval, Renaissance; and b.) at least one in either of the following areas: 19th-century Western art, 20th-century Western art or history of photography.

### *Certificate of Undergraduate Study in Art Foundations*

The Art Department offers a certificate of accomplishment for the successful completion of 18 credit hours of study in the foundations of studio art and art history. Upon completion students will have acquired a fundamental understanding of the study and practice of visual art. The program comprises courses in two-dimensional design, three-dimensional design, drawing, and art history. Students will be able to apply this certificate toward further degree studies in art, or toward any endeavor or profession that would require or be enhanced by the basic skills in, and the understanding and appreciation of, the visual arts.

This certificate program requires the successful completion of these courses:

ARH	111G	Prehistoric through Medieval Art History
ARH	112G	Renaissance to Modern Art History
ART	141F	Design I
ART	142	Design II
ART	151F	Drawing I
ART	152	Drawing II

This program, while administered through Weekend College, would pertain to all students who complete their foundation studies in art. These courses will be offered in both Monday through Friday time slots and through Weekend College.

### **Course Fees**

A course fee is assessed in ceramics, digital art and all lecture courses, design, drawing, painting, photography, printmaking, and sculpture courses.

### **Transfer Students**

To receive a B.F.A. degree in art from USM, a student transferring to USM must complete at least two 3-credit studio courses in their area of concentration and one 3-credit art history course at USM. To receive a B.A. degree in studio art from USM, a transfer student must complete at USM at least two 3-credit studio courses within one discipline and one 3-credit art history course.

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#### **ART 101G Approaches to Art**

Selected experiences using original works, lecture, slides, films, and other means to expose the student to the significance of the visual arts in human history. The aim of the course is to involve students in direct experiences affecting their own perception of visual form. Cr 3.

#### **ART 277 Film as Image and Idea**

An approach to the appreciation of motion pictures and allied arts through the understanding and analysis of the context, range, and resources of film. Course includes the development of motion pictures

and principles of film evaluation. Prerequisite: permission of the instructor. Cr 3.

#### **ART 416 Gallery Practices**

A practical introduction to everyday operations and possible careers in museums and galleries as well as creative exploration of the blurring of boundaries between museum and contemporary art practices. The course includes hands-on experience, field trips, readings, and discussions. Students will develop an art exhibition proposal and participate in an exhibit that creatively employs gallery practices such as curating, archiving, and collecting. Cr 3.

### **Art History**

ARH prefix designates an art history course. 100-level art history courses begin to develop skills that students will need to pursue study in the discipline. Students will learn strategies for interpreting visual art and for understanding and writing formal academic prose.

#### **ARH 110G Visual Environment**

This course focuses on understanding, designing, and interpreting the visual environment through analysis of visual forms, hands-on exercises, and in-depth investigation of works in their cultural context. The course covers the power of images, the role of illusion, and the interpretation of visual forms in daily life. Students will learn how to analyze effective uses of color, shapes, and spatial relationships in examples such as street signs, fine art, meeting spaces, city planning, bar graphs, and photographs. Cr 3.

#### **ARH 111G Art History: Prehistoric through Medieval**

Examination and discussion of the painting, sculpture, and architecture from prehistoric cultures to the late Middle Ages. The course emphasizes the relationship of the visual arts to social, political, religious, and cultural trends, and introduces students to various methods of art-historical interpretation. Prerequisite: ENG 100C. Preference given candidates for matriculation in the Department of Art, or those with permission of the instructor Cr 3.

#### **ARH 112G Art History: Renaissance to the Present**

Examination and discussion of the painting, sculpture, and architecture from the Renaissance to the

present. The course emphasizes the relationship of the visual arts to social, political, religious, and cultural trends and introduces students to various methods of art-historical interpretation. Prerequisite: ENG 100C. Preference given candidates for matriculation in the Department of Art, or those with permission of the instructor. Cr 3.

Upper-level art history courses further develop students' skills of art historical analysis. Students will continue to work on formal academic prose and complete at least 15 total pages of written work during the semester. Students will also learn research sources and methods; become familiar with varied art historical writings from period documents, articles, and scholarly books; tackle the issue of interpretation and learn about recent approaches to the field. Whenever possible, students will study original art works.

#### **ARH 310 Art History: Cross-Cultural Perspectives**

The course covers global issues in art history. Major topic areas include a) how art conveys cultural values and biases, b) why foreign styles are adopted, c) why different values produce different forms. Prerequisite: ENG 100C. Cr 3.

#### **ARH 311 Gender Identity and Modern Art**

This course examines the construction of gender and sexuality in Western visual arts from the late eighteenth century to the present. Students will analyze both the art and art criticism of the period, focusing on the work of female, feminist, and gay artists. Cr 3.

**ARH 318 History of Photography**

This course studies photography from its invention in the 19th century to the present day. It considers photography from historical, theoretical, social, and artistic perspectives. Prerequisite: ARH 112 or permission of the instructor. Cr 3.

**ARH 321 Classical Art**

A survey of ancient art and architecture with special emphasis on the key monuments of Greek and Roman art and their influence on later artistic periods. Prerequisite: ARH 111G. Cr 3.

**ARH 322 Medieval Art**

A survey of the various medieval styles from the Early Christian through the Gothic period with a special section on Islamic art. The relationship of culture to art will be examined for architecture, painting, and sculpture. Prerequisite: ARH 111G. Cr 3.

**ARH 323 Renaissance Art**

An examination of the art and architecture of the fifteenth and sixteenth centuries both north and south of the Alps. Emphasis will be given to the cultural traditions, historical events and theoretical foundations that contributed to the development of Renaissance art. Prerequisite: ARH 112G. Cr 3.

**ARH 324 Seventeenth- and Eighteenth-Century Art**

The course will survey the Baroque and Rococo movements in painting, sculpture, and architecture. The impact of the Academies and academic art and the Enlightenment will be given special attention. Prerequisite: ARH 112G. Cr 3.

**ARH 325 American Art**

(Seventeenth through Nineteenth Centuries) Survey of painting, sculpture, and architecture from Colonial times to 1900 in the United States. These works will be examined in relation to historical events and cultural ideals. Field trips to local museums and architectural sites. Prerequisite: none. Cr 3.

**ARH 326 Nineteenth-Century European Art**

Examination and discussion of European painting, sculpture, and architecture from neoclassicism through post-impressionism (1790-1900). The course will focus on the relationship between the

visual arts and the political, social, and aesthetic revolutions of the century. Prerequisite: ARH 112G or permission of the instructor. Cr 3.

**ARH 327 Modern Art**

A continuation of ARH 315 covering the period from 1900-1950 and including the growth and development of the modern "isms." Prerequisite: ARH 112G. Cr 3.

**ARH 328 Contemporary Art (1950-Present)**

An examination and discussion of development in the visual arts since 1950. Prerequisite: ARH 112G. Cr 3.

**ARH 329 Asian Art**

A survey of some major styles in Asian art (India, China, Japan). The course emphasizes the cultural and religious factors that influenced the art. Cr 3.

**ARH 410 Seminar in Art History**

This course is a requirement for students concentrating in art history. Designed for the advanced student, the course probes different methodological and theoretical approaches to the study and interpretation of the visual arts. Students will examine the writings of pioneers in the field, long-standing art historical methods, and the "new" art history. This course is also a research seminar. Prerequisite: permission of the instructor. Cr 3.

**ARH 411 Philosophy of Art**

An investigation into the theories of art and beauty found in the writings of philosophers, visual artists, writers, and critics which form the basis of understanding of the fine arts. Readings and discussion of writers from ancient to modern times. Prerequisite: senior art majors and permission of the instructor. Cr 3.

**ARH 412 Topics in Art History**

A seminar on a selected topic in art history that will be the focus of in-depth research and discussion. Prerequisite: permission of the instructor. Cr 3.

**ARH 418 Independent Study in Art History**

An opportunity for the student who has demonstrated competence in a specific area of study to work independently with scheduled tutoring from a faculty member of the student's choice. Prerequisites: permission of instructor and Art Department chair. Cr 1 to 6.

*Studio Art***ART 141F Fundamental Design I (2-D)**

Provides an introduction to the fundamentals of 2D design and color theory through a series of exercises and applied problems in visual organization. Development of a personal design sensibility will be encouraged. Cr 3.

**ART 142 Fundamental Design II (3-D)**

Through a series of projects, demonstrations, and discussions students will develop an awareness of and an ability to work in three dimensions. Prerequisite: ART 141F. Cr 3.

**ART 151F Fundamental Drawing I**

An introduction to the basic materials, techniques, and principles of drawing. Emphasis placed on seeing and translating the three-dimensional environment onto two-dimensional surfaces. The expressive and communicative role of drawing will be considered. Cr 3.

**ART 152 Fundamental Drawing II**

Builds on principles and techniques presented in Fundamental Drawing I. Expanded use of basic materials with an introduction to mixed media. Increased

emphasis on expressive and conceptual approaches to drawing. Prerequisite: ART 151F. Cr 3.

#### **ART 220 Introduction to Digital Art**

This course will address aesthetic, historical, and theoretical perspectives on digital media in the arts and contemporary culture. The students will use industry-standard software to create and process digital imagery. Prerequisite: permission of instructor or art foundation. Cr 3.

#### **ART 231 Introduction to Ceramics**

An introduction to methods and processes of clay forming, including modeling, press molding, hand-building, and the potter's wheel. Emphasis on form and texture, with aspects of glaze composition and firing procedures. Prerequisite: art foundation. Cr 3.

#### **ART 243 The Visual Book**

This course will use the visual artist's book as a medium for personal expression. Students will incorporate 2D and 3D skills to create a collection of unique books. A variety of traditional and nontraditional books, arts, and techniques will be used to develop both form and content. Prerequisite: art foundation sequence or permission of instructor. Cr 3.

#### **ART 249 2-D and 3-D Figure Study**

A studio course in the study of the human figure, including drawing, modeling, and readings in artistic anatomy, supplemented by historical study of figurative art. (Offered summers only.) Prerequisite: art foundation or permission of instructor. Cr 3.

#### **ART 251 Drawing**

Extensive combining of media. Stress on role of images, both object and model. Prerequisite: ART 152. Cr 3.

#### **ART 259 Landscape Drawing**

This course will concentrate on drawing the landscape at various Maine locations. Assigned problems will focus on aspects of the following: pictorial composition and design, analysis of landscape forms and structures, and methods for creating the illusion of outdoor light and space. A variety of both wet and dry media will be used. The course will include daily critiques, illustrated talks using original works as well as slides of masters, and museum visits. (Offered summers only.) Prerequisite: art foundation or permission of instructor. Cr 3.

#### **ART 261 Introduction to Painting**

An introduction to the basics of oil painting. Students are introduced to the materials and techniques of the medium, including supports and grounds, binders and dilutants, and pigments. Work is primarily from observation and focuses on the acquisition of technical skills to provide a solid foundation for continuing studies. Prerequisite: art foundation. Cr 3.

#### **ART 269 Landscape Painting**

An investigation of the painting process as related to

visual perception of the natural environment. This course will take place outdoors at Wolfe Neck Farm. (Offered summers only.) Prerequisite: art foundation or permission of instructor. Cr 3.

#### **ART 271 Introduction to Photography**

An introduction to the fundamentals of black and white photography. Students will learn how to use a manual camera and how to develop and print film. These technical skills will be taught in conjunction with an introduction to the historical, stylistic, and visual communication characteristics of photography. Prerequisite: art foundation. Cr 3.

#### **ART 281 Introduction to Printmaking: Intaglio and Relief**

This course introduces intaglio and relief printmaking techniques. The class includes traditional dry and wet processes for intaglio such as drypoint, engraving, etching, and aquatint, and addresses color printing methods for linoleum and woodcut. Prerequisite: art foundation. Cr 3.

#### **ART 282 Introduction to Printmaking: Lithography and Screenprinting**

This course introduces planographic methods of printing. Students will explore traditional lithography on stone as well as direct hand methods and photomechanical methods for screenprinting. Prerequisite: art foundation. Cr 3.

#### **ART 291 Introduction to Sculpture**

An introductory course directed toward developing awareness of basic elements of sculptural form and the discipline of making objects. Prerequisite: art foundation. Cr 3.

#### **ART 321 Digital Video Applications**

This course provides an in-depth introduction to capturing and editing digital video. Students will view and analyze historical and contemporary film and video projects to gain an understanding of time-based media. Prerequisites: ART 220 or permission of instructor. Cr 3.

#### **ART 322 Multi-Media Applications**

This course will introduce the tools and methods for creating interactive projects incorporating still images, animation, video, sound, and text. Readings concerning aesthetic, theoretical, and historical perspectives on digital media will be discussed. Prerequisite: ART 220 or permission of instructor. Cr 3.

#### **ART 323 Web Art: Concepts and Construction**

Students will study the conceptual and structural framework for Web site development and Internet art. Alternatives to the conventional Web page and unique approaches to Web dynamics will be explored. The course will provide a working knowledge of hypertext markup language (HTML) and will address new developments in Web authoring. Interface design and the social implications of

Internet art will be considered. Prerequisite: ART 220 or permission of instructor. Cr 3.

### **ART 331 Intermediate Ceramics I**

This course extends the basic processes and methods of forming clay into teapot fundamentals, glaze study, and figure work. Students keep accurate records of their own progress and development. Prerequisite: ART 231. Cr 3.

### **ART 332 Intermediate Ceramics II**

Students combine several methods of forming clay in one work and explore the complex use of nature and design. Students engage in historical research and presentation, keep accurate records of their development, and help fire kilns. Prerequisite: ART 331. Cr 3.

### **ART 351/352 Intermediate Drawing**

Continued drawing with emphasis on independent direction. Prerequisite: ART 251. Cr 3/3.

### **ART 356 The Visual Culture of Latvia and Northern Europe**

A studio-based academic experience in Riga and the Latvian countryside, with on-site lectures by resident artists and scholars. The course encompasses the history of northern Europe, art history of Latvia, history of architecture of Riga, and contemporary art in Latvia. It includes studio-based instruction at the Latvian National Academy of Art. Only offered during Summer Session. Prerequisite: art foundation or permission of instructor. Cr 6.

### **ART 361 Intermediate Painting I**

Continued investigation of the painting process with refinement in materials and techniques, direct and indirect painting, and studies in color (opaque and transparent). Work is directed at control of spatial presentation, introduction to figure study, and acquiring a repertoire of diverse mark-making. Prerequisite: ART 261. Cr 3.

### **ART 362 Intermediate Painting II**

Further investigation of the painting process with emphasis on defining figure-ground relationships, compositional clarity, and spatial complexity. Work with the figure focuses on the use of lighting and other compositional devices. Students are introduced to a variety of painting media and are encouraged to make the transition to more self-directed study. Prerequisite: ART 361. Cr 3.

### **ART 363 Introduction to Watercolor**

A study of painting in water-soluble media, emphasizing transparent watercolor. Classes meet outdoors as well as in the studio. Emphasis is on development of self-expression and individual ideas. Prerequisite: art foundation or permission of instructor. Cr 3.

### **ART 365/366 Intermediate Watercolor**

Continuation of Painting/Watercolor with emphasis on personal expression. Prerequisite: ART 363. Cr 3/3.

### **ART 371 Intermediate Photography I**

Students will acquire technical knowledge of exposure, film development, and black and white printing. Projects will refine the student's individual photographic vision and address the development of his or her personal photographic language through critical analyses. Slide presentations of historical and contemporary works will provide examples of distinction and inspiration. Prerequisite: ART 271. Cr 3.

### **ART 372 Intermediate Photography II**

An introductory course in color photographic processes. Students will learn properties and characteristics of light, various color films, and materials. Students will make prints from color negatives and digital files. Assignments will refine students' color awareness and develop their individual photographic vision through critical analysis. Prerequisites: ART 220 and ART 271. Cr 3.

### **ART 381 Special Topics in Printmaking**

This course addresses historical approaches to, as well as emerging contemporary strategies in, the studio practice of printmaking. Students will be engaged in the exploration of thematic social and political concepts pertaining to the idea of the multiple. Prerequisites: ART 220, and ART 281 or ART 282. Cr 3.

### **ART 382 Experimental Printmaking**

This course introduces methods of printmaking that are experimental, photographic, and digital in nature. Students will learn contemporary approaches to topics such as photogravure and duotones through direct and photomechanical methods for intaglio and lithography. Prerequisites: ART 220, and ART 281 or ART 282. Cr 3.

### **ART 391/392 Intermediate Sculpture**

The theory and practice of sculptural composition using a variety of techniques with traditional and new materials. Prerequisite: ART 291. Cr 3/3.

### **ART 400 Internship in the Visual Arts**

The purpose of the internship is to allow students to work in an area that pertains to the visual arts and is related to their own activities and career intentions. Possibilities for internships include, but are not limited to, galleries, arts-related businesses, museums, practicing artists, scholars, nonprofit organizations, and cultural institutions. Pass-fail only.

### **ART 401 Senior Seminar in Studio Art**

Designed for B.F.A. graduating senior students, this course will provide a cross-disciplinary critique of the student's project and will culminate in a senior exhibition. Questions regarding current theoretical practices and strategies will be examined through readings, slides, and visiting artist lectures in order to provide a basis for understanding the student's artistic choices. Prerequisite: senior status/B.F.A. degree students. Cr 3.

**ART 407 Advanced Problems in Art**

An opportunity for the student to do advanced work in the discipline of his/her choice, culminating in a related project. Prerequisites: permission of instructor and Art Department chair. Cr 1 to 6.

**ART 408 Independent Study in Art**

An opportunity for the student who has demonstrated competence in a specific area of study to work independently with scheduled tutoring from a faculty member of the student's choice. Prerequisites: permission of instructor and Art Department chair. Cr 1 to 6.

**ART 412 Topics in Studio Art**

A course on a selected topic in the studio arts. To be offered at least once each year. Prerequisite: permission of the instructor. Cr 3.

**ART 420 Advanced Studio in Digital Art I**

Students will work with the instructor to develop a digital art project based upon their interests and goals as a digital artist. Aesthetic, theoretical, and historical issues related to digital art and electronic media will be discussed. Prerequisites: ART 220 and at least one 300-level digital art course. Cr 3.

**ART 421 Advanced Studio in Digital Art II**

Students will further refine the skills acquired in Advanced Studio in Digital Art I. A semester-long capstone experience will be designed and completed by each student. Prerequisite: ART 420. Cr 3.

**ART 431 Advanced Ceramics I**

Students work in series, research and present information on a ceramic artist, and perform tests and experiments in forming clay, firing kilns, and glazing. Students are expected to fire all kilns, mix glazes, and keep accurate records of their development. Prerequisite: ART 332. Cr 3.

**ART 432 Advanced Ceramics II**

Students focus on the evolution of earlier studies into a series of work that may be used for the senior exhibition. Students research and present information about a ceramic artist, load and fire all kilns, mix glazes, and are encouraged to enter competitions and arrange a portfolio. Prerequisite: ART 431. Cr 3.

**ART 451/452 Advanced Drawing**

Making personal and complete drawings and series of drawings. Emphasis on individual concepts and personal expression. Prerequisites: ART 351 and 352. Cr 3/3.

**ART 461 Advanced Painting I**

An investigation of the painting process with emphasis on self-directed study, compositional complexity, and historical continuity. Students are encouraged to work in multiples or series, to develop variations on a theme, and to explore societal issues and philosophical themes. Prerequisite: ART 362. Cr 3.

**ART 462 Advanced Painting II**

Continued investigation of the painting process to express personal themes in the context of a senior exhibition. Emphasis is on individual concepts and personal expression. Prerequisite: ART 461. Cr 3.

**ART 471 Advanced Photography I**

Students will develop a photographic project that emphasizes their interests and goals as visual artists. Individual and group critiques will explore and evaluate students' strategies and choices in respect to intention, investigation, discovery, judgment, and final production of imagery. Readings, lectures, and presentations will further inform student decisions and directions. Prerequisite: ART 372 or permission of instructor. Cr 3.

**ART 472 Advanced Photography II**

Students will further refine the skills acquired in the first semester of advanced photography. A semester-long project will be designed and completed by each student. Prerequisite: ART 471. Cr 3.

**ART 481 Advanced Printmaking I**

This class is intended for students who are proficient in two or more methods of printmaking (relief, intaglio, lithography, screenprinting, or experimental methods). Students will refine their technical skills while pursuing in-depth investigation of subject matter and imagery. Knowledge and practice of image-making as both an aesthetic and conceptual activity will be addressed. Prerequisite: permission of the instructor, or two courses from ART 281, ART 282, ART 381, and ART 382. Cr 3.

**ART 482 Advanced Printmaking II**

This class is for the student who can work proficiently in two or more methods of printmaking. Students are expected to develop their imagery based on well-conceived ideas, which can be successfully expressed in one or more printing techniques. Experimentation with new techniques is encouraged, as is an exploration of combining several methods of printmaking effectively in one print. Students develop and pursue independent portfolio projects. Prerequisite: ART 481. Cr 3.

**ART 491/492 Advanced Sculpture**

Continuation of Intermediate Sculpture with emphasis on the pursuit of personal imagery. Prerequisites: ART 391 and 392. Cr 3/3.

**ART Independent Study Term**

An opportunity for the student who has demonstrated competence and exceptional independence in a specific area of study to work with scheduled supervision from a faculty member of the student's choice. Prerequisites: permission of the Department of Art and the dean of the College. Cr 12-15.

**AED 221 Practicum in Art Education**

An introduction to art education theories and processes through readings, writings, discussion, observation, and clinical experiences with children. The examination of the relationship between art-making and learning is relevant to prospective art and classroom teachers. Prerequisites: sophomore standing or above and art foundation. Cr 3.

**AED 321 Principles and Procedures in Art Education**

History and philosophy of art education, theories of child art, relationship of goals to art education strategies, development of a workable set of beliefs about art education through readings, writings, discussion, observation, interview, and field experiences. Intended for the art education major. Prerequisites: AED 221 and art foundation. Cr 3.

**AED 407 Advanced Problems in Art Education**

An opportunity for the student to do advanced work in art education related problems. A total of 6 credits may be taken. Prerequisites: completion of the sequence of courses in the related discipline and permission of the instructor and Art Department chair. Cr 1 to 6.

**AED 412 Topics in Art Education**

A course on a selected topic in art education to sched-

uled supervision from a faculty member of the student's choice. Prerequisites: permission of the Department of Art and the dean of the College. Cr 12-15.

**AED 421 Seminar in Art Education**

This seminar examines art curriculum design and evaluation. Critical issues in art education for the emerging art education professional today are explored through discussion, writings, and readings. This course is to be taken while student teaching. Prerequisite: AED 321. Cr 3.

**AED 428 Independent Study in Art Education**

An opportunity for the student who has demonstrated competence in a specific area of study to work independently, with scheduled tutoring from a faculty member of the student's choice. Prerequisites: permission of the instructor and Art Department chair. Cr 1 to 6.

**EDU 324 Student Teaching**

The student teaching year consists of two semesters. During the fall semester, students are in an elementary (I) school half-time for eight weeks and in a secondary school (II) half-time for the remaining eight weeks. During the spring semester, experiences are in the same schools full-time for eight weeks each. Students are under direct supervision of supervising teachers and a University supervisor. Cr 12.

## Biological Sciences

*Chair of the Department:* Theresa Theodose, 408 Science Building, Portland  
*Health Professions Advisor:* Patricia M. O'Mahoney-Damon, 221 Science Building, Portland, *Professors:* Gainey, Mazurkiewicz, Najarian, Weber; *Associate Professors:* Champlin, Knight, Maher, Moore, O'Mahoney-Damon, Theodose, Walker; *Assistant Professor:* Currie; *Adjunct Professors:* Evers, Incze, Ng

A four-year program leading to a B.S. in biology is offered and includes three options: biology, human biology, and biotechnology. All programs of study provide students with a liberal arts education emphasizing the sciences. The required courses in the biology specialization expose students to an examination of life from the molecular to the community level. The required courses in the biotechnology specialization emphasize cell and molecular biology. Other biology courses may be elected to suit individual interests and needs. The required courses in chemistry, mathematics, and physics reflect the interdisciplinary status of the biological sciences. Graduates of these programs have found careers in biological and medical research laboratories, biotechnology companies, and field biology, or have furthered their education by entering graduate medical, dental, optometry, veterinary, and law schools, as well as schools for allied health professions. Additional information about the Biological Sciences Department can be found at [www.usm.maine.edu/bio](http://www.usm.maine.edu/bio).

*Pre-medical Students*

Almost every American school of medicine, veterinary medicine, and dentistry requires for admission a baccalaureate degree (major optional), two years of biology, two years of chemistry, one year of physics, a course in calculus, satisfactory performance on a national professional aptitude test, and a recommendation from a committee at the baccalaureate institution. At this campus, the Health Professions Pre-professional Evaluation Committee comprises faculty from the Departments of Biology, Chemistry, and Physics and is responsible for evaluating, comparing, and recommending students. For further information contact Patricia O'Mahoney-Damon, 221 Science Building, Portland.