

AES 240 SEMINAR FOR NONNATIVE SPEAKERS

Anholt, Barritt, Geddes, Vorholt, Wallin

Content: Advanced English language study with a focus on a specific academic subject. Seminar format drawing upon all language skills through lectures, small-group discussions, presentations, projects, and research, culminating in a formal paper and oral presentation.

Prerequisite and/or restriction: Completion of Academic English Studies 130 or placement exam.

Taught: Each semester, 4 semester credits (two 2-credit sections in summer).

May be repeated for a total of 8 semester credits with change of topic.

AES 244 PRACTICUM

Anholt, Barritt, Geddes, Vorholt, Wallin

Content: Opportunities for well-prepared students to apply English language training to practical work in the private or public sector. Specific activities vary, usually involving work with a public agency or private group. Students must consult the faculty supervisor about the program prior to enrolling, submit a weekly e-mail journal, and write a final report on the practicum experience. This course is not available to AES-only students. Federal authorization is required for curricular practical training for international students.

Prerequisite and/or restriction: Academic English Studies 120 or 220.

Taught: Annually, 1-4 semester credits.

AES 250, 251 ADVANCED CONTENT-BASED TOPICS FOR NONNATIVE SPEAKERS

Anholt, Barritt, Geddes, Vorholt, Wallin

Content: English instruction on an academic topic, which varies from semester to semester. Topics include media, information technology, controversial issues, linguistics, and literature. Development of analytical, critical thinking, and problem-solving skills. Duration: half-semester. Students take two modular courses each term.

Prerequisite and/or restriction: Completion of Academic English Studies 150 and 151 or placement exam.

Taught: Each half-semester, 2 semester credits. May be taken twice for credit with change of topic.

AES 260 INTRODUCTION TO MODES OF INQUIRY

Anholt, Barritt, Geddes, Vorholt, Wallin

Content: Requires full participation in undergraduate class. Focus on note-taking, aural comprehension, and application of language skills required to succeed in an academic setting. Weekly meetings with audit supervisor to synthesize course content.

Prerequisite and/or restriction: Consent of instructor.

Taught: Each semester, 4 semester credits.

Anthropology

See *Sociology and Anthropology* in this catalog.

Art

CHAIR: BENJAMIN DAVID

The Department of Art offers a curriculum that is equally appropriate for those who plan serious careers in studio art or art history and for those who want to expand their knowledge of the visual world.

Students majoring in studio art or in art history develop the creative and critical skills necessary to pursue a life of making art or to undertake a life of

scholarship and teaching. Students are also well prepared for careers in gallery, museum, and arts administration.

THE MAJOR PROGRAMS

The department offers two majors: studio art and art history. Students are not permitted to double-major in studio art and art history.

Students majoring in studio art must choose a medium in which to specialize. Studio areas are ceramics, drawing, painting, photography, and sculpture. Because an introductory-level studio course is fundamental to more advanced work, the department encourages studio art majors to take Art 102 (Two-Dimensional Foundations) or 103 (Three-Dimensional Foundations) in their first year and before taking any other 100-level courses. Majors are required to take Art 102 or 103 no later than the end of their sophomore year. To allow for the planning required in the junior and senior years of the studio art major, students must declare the major and select a faculty advisor by the end of their sophomore year. Studio art majors must present examples of their work, including foundation work, for review to the entire department faculty at the end of the sophomore year or the beginning of the junior year. Before beginning work on the required senior project, studio art majors must complete at least two semesters of work in their chosen medium in addition to Art 102 or 103.

Art history majors must take a variety of courses in different areas and complete one of the relevant introductory-level prerequisites before undertaking more advanced work. Art history majors are encouraged to take History 300, Philosophy 203, or Sociology/Anthropology 245 before taking Art 493 (Senior Seminar).

Studio Art

102 Two-Dimensional Foundations
103 Three-Dimensional Foundations
113 Sculpture I
213 Sculpture II
313 Sculpture III
115 Drawing I
215 Drawing II
315 Drawing III
116 Ceramics I
216 Ceramics II
316 Ceramics III
117 Painting I
217 Painting II
317 Painting III
120 Photography I
220 Photography II
221 Alternative Photographic Processes
227 Special Topics in Studio Art
320 Photography III
321 Advanced Alternative Photographic Processes
411 Senior Seminar
490A and 490B Senior Project: Studio
499 Independent Study

Art History

101 History of Western Art: Ancient to Medieval
111 History of Western Art: Renaissance to 20th Century
152 History of East Asian Art: China
153 History of East Asian Art: Japan and Korea
201 Modern European Art

207 Pre-Columbian Art
 254 History of Buddhist Art
 256 Modern and Contemporary Chinese Art
 302 History of Photography
 304 History of American Art
 305 Early Renaissance Art and Architecture
 306 High Renaissance Art and Architecture
 309 Art of New York
 333 Dante and the Visual Arts
 355 Early Modern Art in Asia and Europe
 356 Art of the Print in Early Modern East Asia
 401 Art After 1945
 451 Special Topics in Art History
 493 Senior Seminar: Art History
 499 Independent Study

MAJOR REQUIREMENTS: STUDIO ART

A minimum of 44 semester credits, distributed as follows:

- Three courses in art history: 101 or 111, 152, 153, 207, or 256, and at least one art history course at the 200 level or higher.
- One course in foundations to be taken before the junior year: 102 or 103.
- One course in drawing or painting: 115 or 117.
- One course in sculpture or ceramics: 113 or 116.
- Three elective courses in studio art.
- Senior seminar: 411.
- Senior project: 490A and 490B.

MAJOR REQUIREMENTS: ART HISTORY

A minimum of 44 semester credits, distributed as follows:

- Three art history courses from the following (choose at least one Western and one non-Western offering): Art 101, 111, 152, 153, 207, or 256.
- Any two studio art courses.
- History 300, Sociology/Anthropology 245, or Philosophy 203.
- Four elective courses in art history, at least two of which must be at the 300 or 400 level, and at least one of which must be in East Asian art or pre-Columbian art at the 200 level or higher. Classical Studies 200 may be taken as an elective course for the art history major.
- Senior seminar: 493. Must be taken in the fall semester before graduation.

MINOR REQUIREMENTS: ART AND ART HISTORY

A minimum of 24 semester credits (six courses), distributed as follows:

- Two courses in art history: 101 or 111, and 152, 153, or 207.
- One course in two-dimensional studio art: 102, 115, 117, or 120.
- One course in three-dimensional studio art: 103, 113, or 116.
- Two elective courses in studio art or art history.

Students majoring in art or art history may not minor in these disciplines.

HONORS PROGRAM

To earn honors, students must have a 3.500 GPA overall.

Honors in studio art are awarded to those students whose final senior projects are judged by the department faculty to be of superior quality.

In art history, faculty may nominate students for honors on the basis of exceptional work in the major. Students who accept nomination undertake an honors thesis that expands on the senior seminar paper. Honors are awarded to those students whose completed projects are judged by a faculty committee to be of superior quality.

RESOURCES FOR NONMAJORS

Most art courses are available to nonmajors, and the art and art history minor is exclusively for nonmajors. Students without previous exposure to art history or studio art should begin with any of the 100-level art history or art studio courses. These introductory courses may be taken in any sequence.

FACILITIES

The Fred W. Fields Center for the Visual Arts houses student gallery space, painting and drawing studios, graphic design area, photography lab, ceramics and sculpture studios, a large classroom, and conference rooms. Art studio and art history classes frequently visit exhibitions at local art galleries and use the facilities and collections of the Portland Art Museum. Students also make use of the Ronna and Eric Hoffman Gallery of Contemporary Art, across the Alumni Circle from the Fields Center. The year-end show of senior projects is held there each spring.

FACULTY

Debra Beers, senior lecturer. Drawing.

Benjamin David, associate professor. Late Medieval and Italian Renaissance art history.

Garrick Imatani, assistant professor. Foundations.

Matthew Johnston, assistant professor. Modern art history.

Robert Miller, senior lecturer. Photography.

Dawn Odell, assistant professor. Early modern East Asian and European art history.

Mike Rathbun, visiting assistant professor. Sculpture.

Cara Tomlinson, assistant professor. Painting.

Theodore W. Vogel, associate professor. Ceramic sculpture.

ART 101 HISTORY OF WESTERN ART: ANCIENT TO MEDIEVAL

David, Johnston

Content: Painting, sculpture, and architecture from the ancient world through the Middle Ages. Offers a sociohistorical and interdisciplinary perspective, situates key monuments in a variety of contexts: the role of art in religious practices, power and politics, and the relations of literary and visual culture. Exploration of themes and skills essential to art historical analysis.

Prerequisite and/or restriction: None.

Taught: Annually, 4 semester credits.

ART 102 TWO-DIMENSIONAL FOUNDATIONS

Imatani

Content: Studio course that introduces fundamental principles and elements of design, which are essential for all disciplines of two-dimensional art. Vocabulary of composition emphasized through practice, theory, and critical analysis with reference to historical and contemporary art. Complex problem-solving skills mastered through the implementation of various black-and-white and color media.

Prerequisite and/or restriction: None.

Taught: Annually, 4 semester credits.

ART 103 THREE-DIMENSIONAL FOUNDATIONS

Imatani

Content: Studio course that introduces fundamental elements of design and their progression from no dimension to at least three dimensions. Consideration of these elements as tools for giving thoughts and ideas physical existence. Recognition, manipulation, and organization of visual elements and gaining skills in critiquing these processes. Understanding and interaction with

material and space, and gaining an appreciation of materials as a realm for problem solving and decision making.

Prerequisite and/or restriction: None.

Taught: Annually, 4 semester credits.

ART 111 HISTORY OF WESTERN ART: RENAISSANCE TO 20TH CENTURY

David, Johnston

Content: Painting, sculpture, and architecture from the beginnings of the Renaissance to the 20th century. Offers a sociohistorical and interdisciplinary perspective, situates key monuments in a variety of contexts: the role of art in religious practices, in the rise of the social status of the artist, in power and politics, and in representations of gender. Exploration of themes and skills essential to art historical analysis.

Prerequisite and/or restriction: None.

Taught: Annually, 4 semester credits.

ART 113 SCULPTURE I

Rathbun

Content: Three-dimensional form explored through a variety of media and techniques—wood, stone, plaster, metal, assemblage. Short exercises to suggest the possibilities and complexities of three-dimensional form, followed by more complex techniques and materials.

Prerequisite and/or restriction: None.

Taught: Annually, 4 semester credits.

ART 115 DRAWING I

Beers

Content: Working from a variety of subject matter, students develop hand-eye coordination, and the ability to see and organize drawings. Various materials and concepts are explored through line, shape, value, gesture, texture, composition.

Prerequisite and/or restriction: None.

Taught: Annually, 4 semester credits.

ART 116 CERAMICS I

Vogel

Content: Ideas and basic techniques exploring clay as an art material: pinch, coil, slab, modular construction, and wheel throwing, with focus on nonfunctional art. Introduction to glaze techniques, kiln loading, firing, and basic concepts of three-dimensional design. The aesthetics of form, visual thinking, the history of ceramics.

Prerequisite and/or restriction: None.

Taught: Annually, 4 semester credits.

ART 117 PAINTING I

Tomlinson

Content: Photographic equipment, materials, processes, philosophy. Experimenting with paper and film, small camera operation, roll-film processing, enlarging, finishing, mounting. Fundamental principles and elements of design, historical and contemporary trends, development of individual expression.

Prerequisite and/or restriction: None. Students must have a 35mm film camera.

Taught: Annually, 4 semester credits.

ART 120 PHOTOGRAPHY I

Miller

Content: Photographic equipment, materials, processes, philosophy. Experimenting with paper and film, small camera operation, roll-film processing, enlarging, finishing, mounting. Fundamental principles and elements of design, historical and contemporary trends, development of individual expression.

Prerequisite and/or restriction: None. Students must have a 35mm film camera.

Taught: Annually, 4 semester credits.

ART 152 HISTORY OF EAST ASIAN ART: CHINA

Odell

Content: Painting, sculpture, and architecture of China from the Neolithic period to the present day.

Prerequisite and/or restriction: None.

Taught: Annually, 4 semester credits.

ART 153: HISTORY OF EAST ASIAN ART: JAPAN AND KOREA

Odell

Content: Painting, sculpture, and architecture Japan and Korea from the Neolithic period to the present day.

Prerequisite and/or restriction: None.

Taught: Annually, 4 semester credits.

ART 201 MODERN EUROPEAN ART

Johnston

Content: Developments in the European tradition, 1860 to 1940, that culminate in experiments in abstraction in Europe at the beginning of the 20th century. Realism, impressionism, postimpressionism, expressionism, fauvism, cubism, dada, surrealism.

Prerequisite and/or restriction: None. Art 111 recommended.

Taught: Alternate years, 4 semester credits.

ART 207 PRE-COLUMBIAN ART

Johnston

Content: Overview of the art of the Aztec, Maya, and Inca civilizations, other major early Central and South American cultures. Examination of architecture, sculpture, ceramics, painting; how the arts played a key role in developing a sense of continuity within these societies across time and distance.

Prerequisite and/or restriction: Core 106 and 107.

Taught: Alternate years, 4 semester credits.

ART 213 SCULPTURE II

Rathbun

Content: Advanced assignments in specific materials. Focus is on creating a limited number of projects displaying advanced conceptual and technical proficiency.

Prerequisite and/or restriction: Art 113.

Taught: Annually, 4 semester credits.

ART 215 DRAWING II

Beers

Content: Further development of drawing skills to communicate complex structural and conceptual problems. Advanced control over the major facets of drawing through experimentation with diverse drawing materials and contexts related primarily to the human figure.

Prerequisite and/or restriction: Art 115.

Taught: Annually, 4 semester credits.

ART 216 CERAMICS II

Vogel

Content: Intermediate study of clay and its properties as an art material. Students may pursue handbuilding, wheel throwing, mold-making, glazing techniques, and kiln firing, with focus on nonfunctional art. Emphasis on design, form, visual thinking.

Prerequisite and/or restriction: Art 116.

Taught: Annually, 4 semester credits.

ART 217 PAINTING II

Tomlinson

Content: Consideration of directed questions and topics in painting. Students develop a body of work while clarifying personal sensibilities to subject matter, identifying sources pertinent to their subject, strengthening technique and material knowledge, understanding their personal working process, expanding their critical language.

Prerequisite and/or restriction: Art 117.

Taught: Annually, 4 semester credits.

ART 220 PHOTOGRAPHY II

Miller

Content: Emphasis on the relationship between exposure, film development, and finished print. Exploration of other film formats, scale, and refinement of the print to develop a consistent portfolio of finished work. Techniques and concepts address historical and contemporary issues. Introduction to color and digital photography.

Prerequisite and/or restriction: Art 120 or consent of instructor. Students must have a 35mm or larger film camera.

Taught: Annually, 4 semester credits.

ART 221 ALTERNATIVE PHOTOGRAPHIC PROCESSES

Staff

Content: Introducing the intermediate student to nonsilver photographic processes and digital media with emphasis on combining a variety of media to form one-of-a-kind photo-based images. Basic technical skills of digital software and applications, as well as other contemporary and historical processes, in the creation of mixed media artwork. Historical and contemporary trends.

Prerequisite and/or restriction: Art 120 or consent of instructor.

Taught: Annually, 4 semester credits. May be taken twice for credit.

ART 227 SPECIAL TOPICS IN STUDIO ART

Content: Select and study a topic or medium in studio art that is not addressed in the currently listed courses.

Prerequisite and/or restriction: 100-level studio course.

Taught: Alternate years.

ART 254 HISTORY OF BUDDHIST ART

Odell

Content: The artistic tradition engendered by the Buddhist faith as it originated in India and migrated to China, Japan, and Korea. Discussions of architecture, sculpture, painting, and illustrated books documenting transformations in Buddhist doctrine. European responses to Buddhism in the period of colonization.

Prerequisite and/or restriction: None. Course in art history or East Asian studies recommended.

Taught: Alternate years, 4 semester credits.

ART 256 MODERN AND CONTEMPORARY CHINESE ART

Odell

Content: Key movements and artists in China and the Chinese diaspora from the 19th century through today. Exploration of “Chinese” cultural identity as expressed in global economies of art production and performance.

Consideration of painting, prints, calligraphy, photography, and sculpture, as well as mixed-media installations, performance art, video, and Web-based art.

Prerequisite and/or restriction: None.

Taught: Alternate years, 4 semester credits.

ART 302 HISTORY OF PHOTOGRAPHY

Johnston

Content: The history of photography from its invention through contemporary practice. Major technical developments, changes in perceptions of the social role, and meaning of the photographic image. Examination of the manner in which photography has served as a tool for creating art in other media, the nature of its documentary status, and what kind of unique aesthetic experience it provides on its own.

Prerequisite and/or restriction: Art 111.

Taught: Alternate years, 4 semester credits.

ART 304 HISTORY OF AMERICAN ART

Johnston

Content: American art and architecture from the colonial period until the Great Depression. Cultural traits revealed through various art forms.

Prerequisite and/or restriction: Art 111 or consent of instructor.

Taught: Alternate years, 4 semester credits.

ART 305 EARLY RENAISSANCE ART AND ARCHITECTURE

David

Content: Advanced introduction to the art of the early Italian Renaissance.

Consideration of key works of painting, sculpture, and architecture from 1230 to 1500. Examination of the role of narrative painting, the relationship of art to the intellectual movement of Renaissance humanism, representations of gender and sexuality, Renaissance color theory.

Prerequisite and/or restriction: Art 101 or 111 or consent of instructor.

Taught: Alternate years, 4 semester credits.

ART 306 HIGH RENAISSANCE ART AND ARCHITECTURE

David

Content: Examination of the art of 16th-century Italy. Special attention given to the works of Leonardo, Raphael, Michelangelo, Titian, and to the artists associated with “mannerism,” which is explored as a period and a concept. Consideration of themes including working practices, the changing social status of the artist, developments in artistic theory, the cultural engagement with classical antiquity, the crisis in religious art in the context of the Reformation, controversies of conservation (for example, the cleaning of the Sistine Chapel), different articulations of visual narrative.

Prerequisite and/or restriction: Art 101 or 111.

Taught: Alternate years, 4 semester credits.

ART 309 ART OF NEW YORK

Staff

Content: Art and art history through the cultural resources of New York City. Exploration of how art gets made, how it reaches the public, and the process of its interpretation and display. Art majors may participate in the New York program only during their sophomore or junior year, because they must be on campus during the senior year.

Prerequisite and/or restriction: Art 111 or 201 or consent of instructor.

Taught: Annually, on New York program, 4 semester credits. Taught in New York.

ART 313 SCULPTURE III

Rathbun

Content: Projects designed by the student in consultation with the instructor. In-depth exploration of advanced technical and aesthetic problems of students' choice.

Prerequisite and/or restriction: Art 213.

Taught: Annually, 4 semester credits. May be taken twice for credit.

ART 315 DRAWING III

Beers

Content: Advanced exploration of drawing, including nontraditional means and contemporary practices in the field.

Prerequisite and/or restriction: Art 215.

Taught: Annually, 4 semester credits. May be taken twice for credit.

ART 316 CERAMICS III

Vogel

Content: Advanced aesthetic, technical, and conceptual problems in clay.

Prerequisite and/or restriction: Art 216.

Taught: Annually, 4 semester credits. May be taken twice for credit.

ART 317 PAINTING III

Tomlinson

Content: Development of a significant informed body of work through advanced problems and self-directed study.

Prerequisite and/or restriction: Art 217.

Taught: Annually, 4 semester credits. May be taken twice for credit.

ART 320 PHOTOGRAPHY III

Miller

Content: The interrelation of subject matter, concept, and technique.

Experimentation with aesthetic and technical considerations including camera formats, scale, sequence, color or alternative processes, portfolio presentation.

Prerequisite and/or restriction: Art 220. Students must have a 35mm or larger film camera.

Taught: Annually, 4 semester credits. May be taken twice for credit.

ART 321 ADVANCED ALTERNATIVE PHOTOGRAPHIC PROCESSES

Staff

Content: Introducing the advanced student to nonsilver photographic processes and digital applications, with emphasis on combining a variety of media to form one-of-a-kind photo-based images. Historical and contemporary trends.

Prerequisite and/or restriction: Art 221.

Taught: Annually, 4 semester credits. May be taken twice for credit.

ART 333 DANTE AND THE VISUAL ARTS

David

Content: Dante's *Divine Comedy* and visualizations of the poem created in a variety of media from the 14th century to the present. Exploration of how Dante's poetry was influenced by the art and visual culture of his time, and how artists such as Botticelli, Michelangelo, Blake, Delacroix, Ingres, Rodin, and Rauschenberg have engaged the complex world Dante created. Examination of contemporary film and popular culture as well as high art. Consideration of the implications of Dante's concept of "visible speech."

Prerequisite and/or restriction: Core 106 and 107. Art 101 and 111, or English 280.

Taught: Alternate years, 4 semester credits.

ART 355 EARLY MODERN ART IN ASIA AND EUROPE

Odell

Content: Comparative analysis of developments in East Asian and European art of the 17th and early 18th centuries. Emphasis on the exchange of artistic influence through global trade, religious missions, diplomacy, war. Examination of oil and ink painting, calligraphy, sculpture, prints, and objects of the "China Trade," including ceramics, lacquer, textiles.

Prerequisite and/or restriction: Art 152, 153, or 111.

Taught: Alternate years, 4 semester credits.

ART 356 THE ART OF THE PRINT IN EARLY MODERN EAST ASIA

Odell

Content: Prints as objects of everyday use in early modern Japan and China. Emphasis on how printed pictures circulated and inculcated norms and normative practices in urban milieux.

Prerequisite and/or restriction: Art 152 or 153.

Taught: Alternate years, 4 semester credits.

ART 401 ART AFTER 1945

David, Johnston

Content: Art and art criticism from 1945 to the present, facilitated through exploration of current work, museums, galleries.

Prerequisite and/or restriction: Art 111 or 201.

Taught: Alternate years, 4 semester credits.

ART 411 SENIOR SEMINAR: STUDIO

Imatani, Tomlinson

Content: Issues in contemporary art critical for developing artists. Practical and theoretical questions artists face today: how art is defined and understood (or misunderstood) in our culture, varieties of theoretical practices, and the artist's relation to the institutions of art.

Prerequisite and/or restriction: Studio art majors with senior standing.

Taught: Annually, during fall semester only, 4 semester credits.

ART 451 SPECIAL TOPICS IN ART HISTORY

David, Johnston, Odell

Content: Reading and critical analysis organized around themes or problems in art history. Focus varies depending on instructors teaching and research areas.

Prerequisite and/or restriction: One 100- or 200-level art history course or consent of instructor.

Taught: Annually, 4 semester credits. May be taken twice for credit.

ART 490A SENIOR PROJECT: STUDIO

Beers, Imatani, Miller, Rathbun, Tomlinson, Vogel

Content: Independent project in student's area of specialization, culminating in an in-depth series of artwork.

Prerequisite and/or restriction: Senior standing. Declared studio art majors who have completed at least two courses in their area of specialization. Consent of advisor. Students must spend both semesters of their senior year on campus. Students must contact their advisors in the spring of their junior year to discuss their senior projects.

Taught: Annually, during fall semester only, 2 semester credits.

ART 490B SENIOR PROJECT: STUDIO

Beers, Imatani, Miller, Rathbun, Tomlinson, Vogel

Content: Independent project in student's area of specialization, culminating in an in-depth series of artwork.

Prerequisite and/or restriction: Art 490A. Students must spend both semesters of their senior year on campus.

Taught: Annually, during spring semester only, 2 semester credits.

ART 493 SENIOR SEMINAR: ART HISTORY

David, Johnston, Odell

Content: Advanced research seminar and introduction to theoretical problems and perspectives central to art historical analysis. Exploration of themes, tools, and important issues in the field, including formalism, style, iconography, historiography, authorship, "offensive" art, narrative, gender, mechanical and digital reproduction, structuralism, and poststructuralism. Investigation of key problems and differences of opinion in the discipline. Development of skills essential to the practices of art history: writing, researching, oral presentation, intellectual dialogue. Culminates in a 40-minute oral presentation and a 25-page thesis.

Prerequisite and/or restriction: Three of the following five: Art 101, 111, 152, 153, or 207. Two upper-division art history courses. History 300, Philosophy 203, or Sociology/Anthropology 245 strongly recommended.

Taught: Annually, 4 semester credits.

ART 499 INDEPENDENT STUDY

Staff

Content: Independent projects designed in consultation with department faculty.

Prerequisite and/or restriction: The 300-level course in the medium or art historical period.

Taught: Annually, 2-4 semester credits.

Biochemistry and Molecular Biology

DIRECTOR: GREG J. HERMANN

The molecular logic of living organisms is the focus of this major. Biochemists and molecular biologists study how the collection of molecules within the cell interact to maintain and perpetuate life. The biochemistry/molecular biology major at Lewis & Clark provides students with an opportunity to pursue an interdisciplinary course of study that follows the guidelines of the American Society for Biochemistry and Molecular Biology. Students majoring in biochemistry/molecular biology devote their first years of study to mastering the basic tenets of calculus, physics, genetics, and chemistry. Upper-division coursework exposes students to current research in biochemistry and cellular and molecular biology.