Technical Art History, B.A.

Degree Offered

• Bachelor of Arts

Nature of the Program

Built for the curious and knowledge seekers, the technical art history major emphasizes the scientific study of structures of art and objects, within art historical contexts, and values hands-on experience in preventative art conservation, conservation and restoration of artifacts, and reconstruction techniques. Students will conduct research on the physical nature of art and its making through interdisciplinary studies in art history, art, science, anthropology, and more depending on their areas of interest.

Technical art history majors will graduate well-equipped for a multi-faceted career of collaboration with conservators, scientists and museum professionals. They will enhance the world’s ability to care for its art and material culture. Graduates will excel in high-demand careers and be prepared for elite graduate programs including: art and object conservation, ethnographic and archaeological materials conservation, historic preservation, art history, museum studies, art handler, museum technician, library and archival studies, and more.

In the classroom, technical art history majors will: assess the construction and condition of art and artifacts, conduct risk assessments for museum collections, employ preventive care for collections; conduct digital documentation with stereomicroscopy, ultraviolet illumination, and digital photography; examine objects using infrared reflectography, microscopy, and x-rays; participate in disaster recovery exercises, and study with world-renown conservation professionals. They will visually analyze objects, conduct comparative analyses, engage in archival research, and develop broad cultural historical and aesthetic knowledge.

The San Gemini Preservation Studies Global Positioning Studies program (https://artanddesign.wvu.edu/field-study/gps/san-gemini-preservation-studies/) is the ideal hands-on study abroad program for a technical art history major. This program is a series of professional place-based field courses in conservation, preservation, and restoration of cultural heritage in San Gemini, Umbria, Italy. The program offers students both theoretical knowledge and hands-on skills on field projects and workshops.

Admissions

Due to Covid-19 – Admission requirements may differ from what is listed on this page. Please review the most up-to-date program admission requirements for the School of Art & Design (https://artanddesign.wvu.edu/apply/).

BA DEGREES

Students must meet all WVU Undergraduate Admissions entrance requirements. No additional requirements are required for applicants to the Bachelor of Arts programs in Art History, Art Therapy, Game Design and Interactive Media, or Technical Art History. For further information, applicants should visit the School website: http://artanddesign.wvu.edu/academics or phone the School office at (304) 293-2552.

ADMISSION REQUIREMENTS 2023-2024

The Admission Requirements above will be the same for the 2023-2024 Academic Year.

Major Code: 2520

General Education Foundations

Please use this link to view a list of courses that meet each GEF requirement. (http://registrar.wvu.edu/gef/)

NOTE: Some major requirements will fulfill specific GEF requirements. Please see the curriculum requirements listed below for details on which GEFs you will need to select.

General Education Foundations

<table>
<thead>
<tr>
<th>General Education Foundations</th>
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</thead>
<tbody>
<tr>
<td>F1 - Composition &amp; Rhetoric</td>
<td>3-6</td>
</tr>
<tr>
<td>ENGL 101 &amp; ENGL 102 or ENGL 103</td>
<td>Introduction to Composition and Rhetoric and Composition, Rhetoric, and Research Accelerated Academic Writing</td>
</tr>
<tr>
<td>F2A/F2B - Science &amp; Technology</td>
<td>4-6</td>
</tr>
<tr>
<td>F3 - Math &amp; Quantitative Reasoning</td>
<td>3-4</td>
</tr>
<tr>
<td>F4 - Society &amp; Connections</td>
<td>3</td>
</tr>
<tr>
<td>F5 - Human Inquiry &amp; the Past</td>
<td>3</td>
</tr>
<tr>
<td>F6 - The Arts &amp; Creativity</td>
<td>3</td>
</tr>
</tbody>
</table>
Please note that not all of the GEF courses are offered at all campuses. Students should consult with their advisor or academic department regarding the GEF course offerings available at their campus.

**Curriculum Requirements**

**University Requirements**

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Hours</th>
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<tbody>
<tr>
<td>General Education Foundations (GEF) 1, 2, 3, 4, 5, 6, 7, and 8 (31-37 Credits)</td>
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</tr>
<tr>
<td>Outstanding GEF Requirements 1, 3, 4, and 5</td>
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<tr>
<td>ART 191 First-Year Seminar</td>
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<tr>
<td>General Electives *</td>
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<td>Total Hours</td>
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* Recommended GEF Depth/Minor Areas include: Forensic and Investigative Science (FIS), Archaeology/Anthropology (ANTH); Art History electives; Study Abroad/Professional Field Experience; Studio Art

**School of Art and Design Requirements**

A grade of C- or higher required in all ART and ARHS courses in the program requirements.

**Chemistry Coursework**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>CHEM 115</td>
<td>Fundamentals of Chemistry 1</td>
<td>4</td>
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<tr>
<td>&amp; 115L</td>
<td>and Fundamentals of Chemistry 1 Laboratory (GEF 2)</td>
<td></td>
</tr>
<tr>
<td>CHEM 116</td>
<td>Fundamentals of Chemistry 2</td>
<td>4</td>
</tr>
<tr>
<td>&amp; 116L</td>
<td>and Fundamentals of Chemistry 2 Laboratory (GEF 8)</td>
<td></td>
</tr>
<tr>
<td>CHEM 233</td>
<td>Organic Chemistry 1</td>
<td>4</td>
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<tr>
<td>&amp; 233L</td>
<td>and Organic Chemistry 1 Laboratory</td>
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<tr>
<td>CHEM 234</td>
<td>Organic Chemistry 2</td>
<td>4</td>
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<tr>
<td>&amp; 234L</td>
<td>and Organic Chemistry 2 Laboratory</td>
<td></td>
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<tr>
<td>Foreign Language (GEF 7)</td>
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**Art History Core**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARHS 120</td>
<td>Survey of Art History 1 (may fulfill GEF 6)</td>
<td>3</td>
</tr>
<tr>
<td>ARHS 160</td>
<td>Survey of Art History 2 (may fulfill GEF 8)</td>
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**Studio Coursework**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ART 111S</td>
<td>Drawing 1</td>
<td>3</td>
</tr>
<tr>
<td>ART 112S</td>
<td>Drawing 2</td>
<td>3</td>
</tr>
<tr>
<td>ART 122S</td>
<td>Visual Foundations 2</td>
<td>3</td>
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<tr>
<td>Select two of the following:</td>
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<tr>
<td>ART 213S</td>
<td>Painting 1</td>
<td></td>
</tr>
<tr>
<td>ART 226S</td>
<td>Introduction to Sculpture</td>
<td></td>
</tr>
<tr>
<td>ART 230S</td>
<td>Printmaking - Intaglio and Relief</td>
<td></td>
</tr>
<tr>
<td>ART 240S</td>
<td>Ceramics</td>
<td></td>
</tr>
<tr>
<td>ART 241S</td>
<td>Ceramics</td>
<td></td>
</tr>
<tr>
<td>ART 280</td>
<td>Studio Art for Art Historians</td>
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</table>

**Global Positioning Studies (GPS) Requirement**

Total Hours: 49
**
MATH prerequisites or CHEM 110 may be required for entry into CHEM 115 and 115L which are determined by placement.

***
All students must complete six credit hours of Latin (CLAS) or 12 credit hours of another foreign language. Students who elect to complete Latin (CLAS) courses will fulfill GEF 5, but will still need to fulfill GEF 7.

****
Global Positioning Studies (GPS) Requirement - At least one ART or ARHS course must fulfill the GPS requirement.

## Technical Art History Major Requirements

A grade of C- or higher required in all ART and ARHS courses in the major requirements.

### Art History Core

<table>
<thead>
<tr>
<th>Prehistory to 1300: Select one of the following:</th>
<th>3</th>
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<tbody>
<tr>
<td>ARHS 320 Greek and Roman</td>
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<tr>
<td>ARHS 325 Ancient Roman Art and Architecture</td>
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</tr>
<tr>
<td>ARHS 331 Medieval</td>
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<tr>
<td>ARHS 333 Medieval Architecture</td>
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<table>
<thead>
<tr>
<th>1300-1750: Select one of the following:</th>
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<tbody>
<tr>
<td>ARHS 350 Northern Renaissance</td>
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<tr>
<td>ARHS 354 Italian Renaissance</td>
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<tr>
<td>ARHS 360 Baroque</td>
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<table>
<thead>
<tr>
<th>ARHS Semester in Italy</th>
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<table>
<thead>
<tr>
<th>1750-Present: Select one from the following:</th>
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<tbody>
<tr>
<td>ARHS 370 American</td>
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<tr>
<td>ARHS 375 Nineteenth Century</td>
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</tr>
<tr>
<td>ARHS 380 Modern</td>
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</tr>
<tr>
<td>ARHS 381 Modern Architecture</td>
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<tr>
<td>ARHS 389 Contemporary</td>
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### Art History Major Coursework

<table>
<thead>
<tr>
<th>ARHS 240 Research, Writing, &amp; Methods in Art History ****</th>
<th>3</th>
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<tbody>
<tr>
<td>ARHS 345 Modern Art Theory</td>
<td>3</td>
</tr>
<tr>
<td>ARHS 401 Senior Project-Capstone (fulfills the Writing and Communication Skills Requirement)</td>
<td>3</td>
</tr>
<tr>
<td>ARHS 491 Professional Field Experience</td>
<td>3</td>
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<tr>
<td>ARHS 494 Seminar</td>
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### Technical Art History Coursework

<table>
<thead>
<tr>
<th>ARHS 411 Conservation Practices: Digital Documentation, Treatment, Condition Assessment</th>
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<tbody>
<tr>
<td>ARHS 412 Collections Care and Preservation of Material Objects</td>
<td>3</td>
</tr>
<tr>
<td>ARHS 413 Material Objects Investigations 1 (2-D)</td>
<td>3</td>
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<tr>
<td>ARHS 414 Material Objects Investigation 2 (3-D)</td>
<td>3</td>
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</table>

Total Hours 36

*****
ARHS 240 fulfills writing requirement.

## Suggested Plan of Study

### First Year

<table>
<thead>
<tr>
<th>Fall</th>
<th>Hours</th>
<th>Spring</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENGL 101 (GEF 1)</td>
<td>3</td>
<td>CHEM 115 &amp; 115L (GEF 2)</td>
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<td>ARHS 120 (GEF 6)</td>
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<td>ARHS 160 (GEF 8)</td>
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<tr>
<td>ART 280</td>
<td>3</td>
<td>ARHS 411</td>
<td>3</td>
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<td>ART 191</td>
<td>2</td>
<td>ART 111S</td>
<td>3</td>
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<td>Foreign Language (GEF 7)</td>
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Second Year

Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>ENGL 102 (GEF 1)</td>
<td>3</td>
<td>ARHS 240</td>
</tr>
<tr>
<td>CHEM 116</td>
<td>4</td>
<td>ARHS 412</td>
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<tr>
<td>&amp; 116L (GEF 8)</td>
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<td></td>
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<tr>
<td>ART 112S</td>
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<td>GEF 4</td>
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<td>Art History Core Course</td>
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<td>Art History Core Course</td>
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<td>Foreign Language</td>
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Spring

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<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>3 ARHS 412</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>3 ARHS 413</td>
<td>3</td>
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<tr>
<td>3 Art History Core Course</td>
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<td></td>
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<tr>
<td>3 General Elective</td>
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<tr>
<td>3 General Elective</td>
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Third Year

Fall

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<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Spring</th>
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<tbody>
<tr>
<td>CHEM 233</td>
<td>3</td>
<td>GEF 5</td>
</tr>
<tr>
<td>CHEM 233L</td>
<td>1</td>
<td>ARHS 413</td>
</tr>
<tr>
<td>ARHS 345</td>
<td>3</td>
<td>Art History Core Course</td>
</tr>
<tr>
<td>ART 122S</td>
<td>3</td>
<td>General Elective</td>
</tr>
<tr>
<td>General Elective</td>
<td>3</td>
<td>General Elective</td>
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<tr>
<td>General Elective</td>
<td>3</td>
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Spring

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>3 GEF 5</td>
<td>3</td>
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<tr>
<td>3 ARHS 413</td>
<td>3</td>
</tr>
<tr>
<td>3 General Elective</td>
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<tr>
<td>3 General Elective</td>
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Fourth Year

Fall

<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
<th>Spring</th>
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<tbody>
<tr>
<td>CHEM 234</td>
<td>3</td>
<td>ARHS 401</td>
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<tr>
<td>CHEM 234L</td>
<td>1</td>
<td>ARHS 491</td>
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<tr>
<td>ARHS 414</td>
<td>3</td>
<td>General Elective</td>
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<tr>
<td>ARHS 494</td>
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<td>General Elective</td>
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<tr>
<td>ART 213S, 226S, 230S, 240S, or 241S</td>
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Spring

<table>
<thead>
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<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>3 ARHS 401</td>
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<td>3 ARHS 491</td>
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<table>
<thead>
<tr>
<th>Course</th>
<th>Hours</th>
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<tbody>
<tr>
<td>3 ARHS 413</td>
<td>3</td>
</tr>
<tr>
<td>3 ARHS 491</td>
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<td>3 General Elective</td>
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</table>

Total credit hours: 120

Major Learning Outcomes

TECHNICAL ART HISTORY

Upon graduation all Bachelor of Arts students in Technical Art History will be able to:

- communicate effectively in both written and oral forms;
- interpret the documentation of the treatment history of an artwork and put it into context;
- link an analysis of material to the date of inception and other topics relating to its history and artistic production;
- apply digital documentation processes and selected non-destructive analytical/imaging techniques to a material object or work of art;
- demonstrate proper handling of artworks including during storage and transportation and create condition assessment surveys;
- synthesize knowledge and skills from across the fields of art history, chemistry, and studio art and apply them to a material object or art work through reconstruction.

ART COURSES

ART 102S. Non-Major Ceramics. 3 Hours.
The course is designed to teach basic ceramic skills associated with beginning pottery. Emphasis is on throwing techniques, trimming, handle attachment, basic ceramic design, glazing and studio practices.

ART 103. Materials and Procedures. 2,3 Hours.
Designed to guide elementary education majors in developing skills to teach visual arts within the PreK-8 classroom. Using age-appropriate 2-D and 3-D materials and resources students will pursue technical craftsmanship, employ elements and principles of design, and explore art concepts through a series of hands-on activities and projects. Learning relies on engagement with studio art production, lecture/demonstration, teaching labs, readings.

ART 109S. Basic Drawing 1 for Non-Majors. 3 Hours.
A beginning-level studio experience emphasizing the application of techniques and materials in rendering. Designed for non-art majors and those seeking to improve their portfolios to gain entrance into the BFA studio program.
ART 110S. Basic Drawing 2 for Non Majors. 3 Hours.
PR: ART 109 or ART 109S or consent. A studio experience building upon skills and techniques gained in ART 109S. Includes the examination of drawing through expanded materials. For non-art majors, those seeking to improve their portfolios and enter the BFA program.

ART 111S. Drawing 1. 3 Hours.
The course emphasizes fundamental principles of drawing with a focus on building basic skills through direct observation, using traditional graphic media and expression.

ART 112S. Drawing 2. 3 Hours.
The course emphasizes fundamental principles of drawing with a focus on more expressive approaches to basic problems. Greater emphasis is placed on abstraction and non-traditional drawing processes and media.

ART 116. Introduction to Graphic Design. 3 Hours.
Emphasis in fundamental typography, layout design, and basic visual communication.

ART 121S. Visual Foundations 1. 3 Hours.
The course provides an introduction to the fundamental principles and concepts of two-dimensional image making with an emphasis on color theory and design. Through creative assignments students develop abilities and visual awareness emphasizing the basics of color perception, form, proportion and rhythm.

ART 122S. Visual Foundations 2. 3 Hours.
The course incorporates projects involving abstract and representational ideas in three dimensions and investigates the basic concepts of line, plane, volume, form, mass, texture, composition and time.

ART 191. First-Year Seminar. 3 Hours.
Engages students in active learning strategies that enable effective transition to college life at WVU. Students will explore school, college and university programs, policies and services relevant to academic success. Provides active learning activities that enable effective transition to the academic environment. Students examine school, college and university programs, policies and services.

ART 211S. Figure Drawing. 3 Hours.
PR: (ART 111 or ART 111S) and (ART 112 or ART 112S) and (ART 121 or ART 121S). This class concentrates on compositional structure from the human figure. Students will investigate organic nature of the figure and its representation in space using a wide variety of media and processes. (May be repeated for credit.).

ART 212S. Visual Foundations 3. 3 Hours.
PR: (ART 111 or ART 111S) and (ART 112 or ART 112S) and (ART 121 or ART 121S) and (ART 122 or ART 122S). This class expands media possibilities and examines the variables of image-making while establishing personal expression. The course is designed to develop analytical and problem solving skills as well as technical processes.

ART 213S. Painting 1. 3 Hours.
PR: (ART 111 or ART 111S) and (ART 112 or ART 112S) and (ART 121 or ART 121S). The course serves as an introduction to painting with concentration on structure, techniques and imagery. Emphasis is on the development of skills in rendering works which express light, color and form integral to the medium.

ART 214S. Painting 2. 3 Hours.
PR: (ART 111 or ART 111S) and (ART 112 or ART 112S) and (ART 121 or ART 121S). The course provides the essential structure, techniques and iconography of painting. Its modern development, augmenting the traditional languages of painting, are clarified and isolated.

ART 217. Arts and Cultural Organizations. 3 Hours.
An introduction to the types of non-profit arts and cultural organization and the field of arts administration. Coursework will focus on issues related to the performing and visual arts in the non-profit sector.

ART 223S. Introduction to Graphic Design. 3 Hours.
PR: (ART 111 or ART 111S) and (ART 112 or ART 112S) and (ART 121 or ART 121S). The course emphasizes the application of traditional and technological skills emphasizing color, composition, symbolic drawing, and typography fundamental to the field of graphic design.

ART 224S. Graphic Design 2. 3 Hours.
PR: (ART 111 or ART 111S) and (ART 112 or ART 112S) and (ART 121 or ART 121S) and (ART 122 or ART 122S). This course emphasizes typography, sequential projects and complex compositions, and includes preparation as well as review of upper-level entrance portfolios.

ART 226S. Introduction to Sculpture. 3 Hours.
PR: (ART 111 or ART 111S) and (ART 112 or ART 112S) and (ART 121 or ART 121S). New construction techniques including stretched canvas over wood encaustics, molds, plasticiene, and figure modeling will aid the students in developing problem-solving skills related to aesthetics and formal sculptural issues.

ART 227S. Sculpture. 3 Hours.
PR: (ART 111 or ART 111S) and (ART 112 or ART 112S) and (ART 121 or ART 121S). New construction techniques including stretched canvas over wood encaustics, molds, plasticiene, and figure modeling will aid the students in developing problem-solving skills related to aesthetics and formal sculptural issues.
ART 230S. Printmaking - Intaglio and Relief. 3 Hours.
PR: (ART 111 or ART 111S) and (ART 112 or ART 112S) and (ART 121 or ART 121S). This course is a fundamental printmaking class concerned with creating an understanding and sensitivity towards intaglio processes and techniques. Students explore and develop visual ideas and images using non-traditional approaches.

ART 231S. Printmaking - Lithography. 3 Hours.
PR: (ART 111 or ART 111S) and (ART 112 or ART 112S) and (ART 121 or ART 121S). This course is an introduction to the fundamental processes of lithography with a focus on developing imagery and technical proficiency. Students acquire a working knowledge of the medium while examining aesthetics, contemporary discourse, and history as an art form.

ART 232S. Photography. 3 Hours.
PR: (ART 111 or ART 111S) and (ART 112 or ART 112S) and (ART 121 or ART 121S). The class provides an introduction to the fundamentals of black and white photography. This course covers the tools, materials and principles of the photographic art, focusing on both the technical and visual aspects of the medium.

ART 234S. Digital Photography. 3 Hours.
PR: ART 232 or ART 232S. This course will explore the fundamentals of photography using digital cameras and Adobe Photoshop software. Emphasis will be placed on processes in the digital darkroom, specialized lighting methods and concept development.

ART 235S. Introduction to Silkscreen. 3 Hours.
Printmaking class concerned with creating an understanding and sensitivity towards silkscreen processes, techniques, and developing ideas and images using multiple approaches. Students acquire knowledge of silkscreen, examine its aesthetics, discourse, and history.

ART 236. Mobile Digital Photography. 3 Hours.
Explores photography basics using a mobile device and digital applications. Emphasis will be on the design elements of photography, postproduction processes, application of mobile tools, and concept development. Construction of photographic narratives through control of exposure, shaping of light, sequence, and text integration will be addressed in the course project.

ART 240S. Ceramics. 3 Hours.
PR: (ART 111 or ART 111S) and (ART 112 or ART 112S) and (ART 122 or ART 122S). The course covers basic ceramic techniques including throwing, trimming, ceramic design, glazing, firing and studio practices. Lectures cover basic ceramic material, information and studio procedures.

ART 241S. Ceramics. 3 Hours.
PR: (ART 111 or ART 111S) and (ART 112 or ART 112S) and (ART 122 or ART 122S). The course continues the study of basic ceramic techniques: throwing, trimming, ceramic design glazing, firing and studio practices. Lectures cover basic ceramic material, information and studio procedures.

ART 242S. Life Modeling. 3 Hours.
PR: (ART 111 or ART 111S) and (ART 112 or ART 112S) and (ART 121 or ART 121S) and (ART 122 or ART 122S). Explores entry-level figure modeling including basic bust and small-scale figure modeling. Covers techniques of clay building from armature to plaster or wax castings.

ART 264. Introduction to Art Education. 3 Hours.
PR: ART 111 and ART 112 and ART 121 and 122 and six hours of studio. Contemporary art education and resources that support its practices. Students also interact with experienced K-12 art specialists and their various grade levels.

ART 265. Art Education: Elementary. 3 Hours.
PR: ART 264. This course is designed on the discipline-based content and the character of art education at the elementary level. Emphasis is placed on child-centered curriculum development. Course content is based on the WV CSOs and national standards.

ART 266. Art Education: Secondary. 3 Hours.
PR: ART 264. This course is designed on discipline-based content and the character of art education at the secondary level. Emphasis is placed on child-centered curriculum development. Course content is based on the WV CSOs and national standards.

ART 270S. Introduction to Electronic Media 1. 3 Hours.
PR: (ART 112 or ART 112S) and (ART 121 or ART 121S) and (ART 122 or ART 122S). This course provides introduction to fundamentals of digital media. Explores digital photography, animation multimedia. Covers use of various software, focuses on sound, technical foundation and esthetic proficiency in these media.

ART 271S. Introduction to Electronic Media 2. 3 Hours.
PR: ART 270 or ART 270S. A continued exploration into applications and aesthetics of digital media. Attention is given to historical and contemporary critical contest for this media. Students encouraged to create hybrids between media and digital approaches.

ART 272S. Designing for Multimedia. 3 Hours.
This course explores 2D and 4D visual design in a digital media context. Students learn the foundations of visual design including composition, hierarchy, unity and color theory. These concepts are explored through digital media tools.

ART 273S. Beginning 3D Animation. 3 Hours.
Introduction to 3D computer modeling and animation. Fundamental concepts and techniques of polygonal modeling, shading, texturing, lighting, animating and rendering. Character design and bipedal animation. The course culminates with the production of an original, character-based group animation.
ART 280. Studio Art for Art Historians. 3 Hours.  
PR: ARHS 120 and ARHS 160. Experiential investigation of art studio practice; guest artist demonstrations. Emphasis on understanding materials, terminology, and artistic processes. May be repeated for credit.

ART 285S. Interactive Audio Design. 3 Hours.  
PR: (ART 121 or ART 121S) and (ART 122 or ART 122S) with a minimum grade of C- in each and must be enrolled in the Interactive Design for Media major or minor. Covers core principles of audio design and control in an interactive environment. Students will learn about sound creation and propagation, audio recording and editing, the structure and emotional effect of music, and the function and application of sound effects to augment interactive experiences.

ART 293. Special Topics. 1-6 Hours.  
PR: Consent. Investigation of topics not covered in regularly scheduled courses.

ART 298. Honors. 1-3 Hours.  
PR: Students in Honors Program and consent by the honors director. Independent reading, study, or research.

ART 313S. Painting 3. 1-15 Hours.  
PR: (ART 213 or ART 213S) and (ART 214 or ART 214S). The course reaffirms and expands formal criteria established in ART 213S and ART 214S and directs individual research into personal, historical and contemporary painting issues in oil, acrylic and related media. (May be repeated for a maximum of 36 credit hours.).

ART 315. Arts Administration. 3 Hours.  
This course provides a practical approach to understanding arts management in not-for-profit organizations. Topics include facilities management, leadership, programming, audience development, board relations, and fundraising.

ART 316. Arts Programming. 3 Hours.  
PR: ART 217. The course examines principles and best practices related to comprehensive arts and cultural programming. Program theory, partnerships, program evaluation, volunteer coordination, marketing, and related topics will be explored.

ART 323S. Graphic Design 3. 12 Hours.  
PR: ART 224 or ART 224S. Varied hypothetical projects give students a methodology for solving applied design projects in a range of formats. This class will deal with a combination of computer graphics, book arts, publication design and multi-media projects. Portfolio review. (May be repeated for credit.).

ART 324S. Graphic Design 4. 1-9 Hours.  
PR: ART 323 or ART 323S. Senior graphic design studio includes a model studio with real projects, most of which are produced and printed. Emphasis is on developing professional skills in design and design management. (May be repeated for credit.).

ART 325S. Design for Web and Screen. 3 Hours.  
PR: (ART 223 or ART 223S) and (ART 224 or ART 224S). Introduction to the technologies and methodologies utilized in graphic design for the web and other screen-based interfaces. This course focuses on an entire design process including information architecture, visual aesthetics and usability.

ART 326S. Sculpture. 1-15 Hours.  
PR: (ART 226 or ART 226S) and (ART 227 or ART 227S). Students continue to examine personal iconography as it pertains to aspects of contemporary sculpture. Topics explored are concept-oriented, using stone, concrete, glass, and emphasizing craftsmanship and aesthetic issues. (May be repeated for credit.).

ART 327S. Installation Art. 1-15 Hours.  
PR: ART 122 or ART 122S. Students investigate this contemporary art form through a series of temporary, site-specific sculptural environments. Conventional art media and concepts are challenged as students develop alternative solutions to creative problems. (May be repeated for credit.).

ART 328S. Advanced Typography. 3 Hours.  
PR: ART 224 or ART 224S. Students will study taxonomy, history and classification of typography as well as create projects in diverse formats such as posters, publications, exhibits or packaging to experience the typographic contexts and etiquette for each.

ART 330S. Printmaking. 1-15 Hours.  
PR: (ART 230 or ART 230S) and (ART 231 or ART 231S). An exploration of color printmaking, advancing imagery through critical contexts. Students focus on technical mastery in lithography, intaglio, relief and alternative processes, expand their knowledge of printmaking's history and develop creative problem solving skills. (May be repeated for credit.).

ART 331. GPS-Jackson Hole Photography Workshop. 3 Hours.  
Ten-day intensive photography field course that explores the diverse and remote region of northwestern Wyoming. Course includes daily excursions, darkroom and digital work sessions, gallery visits, and evening presentations.

ART 332S. Intermediate Photography. 3,6 Hours.  
PR: (ART 232 or ART 232S) and (ART 234 or ART 234S). This course expands on the formal and critical criteria established in the introductory courses, and directs creative research into personal, historical, and contemporary issues. Students explore larger format cameras and advanced lighting techniques.
ART 333S. 3-6 Hours.
PR: (ART 232 or ART 232S) and (ART 234 or ART 234S). This course explores alternative photographic techniques and concepts that expand the definition of the medium. Techniques may include hand-applied emulsions, contemporary liquid emulsions, pinhole and plastic cameras, and digital negatives.

ART 335S. Advanced Photography. 6 Hours.
PR: (ART 332 or ART 332S) and (ART 333 or ART 333S). In this course emphasis will be on furthering explorations in the study of personal expression and development of creative style. Advanced camera, lighting and digital techniques are covered as needed.

ART 340S. Ceramics. 1-15 Hours.
PR: (ART 240 or ART 240S) and (ART 241 or ART 241S). This intense studio concentration is designed to prepare students for graduate studies and/or professional studio practices. Historical and contemporary design issues, kiln design and building, firing, glaze and clay formulation, studio practices and advanced-level throwing and hand-building techniques will be studied. (May be repeated for credit.).

ART 341S. Ceramic Production Methods. 3 Hours.
PR: ART 240 or ART 240S or consent. This course expands the student's experiences in ceramics through the use of industrial techniques, production equipment and business tools for the development, production and marketing of ceramic products.

ART 365. Pre-Student Teaching. 3 Hours.
PR: ART 265 and ART 266. The course concentrates on curriculum development, research methods, and delivery strategies for K-12 art specialists preparing for their professional semester.

ART 367. Technology Methods in Art Education. 3 Hours.
PR: ART 264. Examines multiple aspects of classroom technology in arts education. Combines hands-on computer techniques, critical analysis of digital art, and practical experience with curriculum design focusing on the integration and teaching of new and emerging technologies within K-12 school classrooms.

ART 370S. Intermediate Electronic Media. 3,6 Hours.
PR: (ART 270 or ART 270S) and (ART 271 or ART 271S). Students will expand explorations in video production from ART 271S and examine opportunities of creative works on the Internet. Building video skills and methodologies, students will create dynamic and artistic web pages.

ART 371S. Interactive Art. 3,6 Hours.
PR: (ART 270 or ART 270S) and (ART 271 or ART 271S). Students will utilize skills learned in previous electronic media courses to create projects incorporating a variety of knowledge and interactive software. Attention is given to historical and contemporary critical context.

ART 372S. Interactive Design. 3 Hours.
PR: ART 270 or ART 270S or ART 272 or ART 272S or VISJ 210. Interactive Design is a multimedia studio art course addressing core principles of interactivity, non-linear narration, and interaction design in art and culture.

ART 375. Space Atacama Chile. 4 Hours.
Space Atacama Chile is an adventure art course featuring a 10-day trip to the high-altitude Atacama Desert in Chile and Bolivia. Students learn basic animation and video techniques while investigating themes of space and perception in relation to the Chilean landscape. Students also learn about the history, politics and culture of Chile and the Atacama region.

ART 380. Art and Environment. 3 Hours.
PR: Must pass freshman review and complete 6 hours of 200-level coursework in area of emphasis or consent. Interdisciplinary studio/seminar course investigating art's relationship to the environment through readings, field trips, presentations and studio practice.

ART 393. Special Topics. 1-3 Hours.
PR: Consent. Investigation of topics not covered in regularly scheduled courses.

ART 410. Introduction to Visual Arts Therapy. 3 Hours.
PR: Course open to undergrads in art, counseling, psychology, education, or special education. Introduces students to basic principles and practices of visual arts therapy through historical background, theoretical frameworks, and in-field issues. Provides information on pioneers in the field, how and where art therapists practice, training required for the profession, as well as interactive art explorations to incorporate art therapy principles into their own teaching and/or artistic practice. Online lectures and discussion.

ART 411. Theory of Art Education & Art Therapy. 3 Hours.
PR: ART 410 and ART 412 with a minimum grade of C-. Course open to undergrads in art, counseling, psychology, education, or special education. Introduces students to the historical, theoretical and philosophical foundations of visual arts therapy. Provides students with an overall understanding of how visual arts therapy relates to practice in art education. Specific theories relating to creativity development and visual literacy are explored.

ART 412. Art Methods/Materials for Special Populations. 3 Hours.
PR: Course open to undergrads in art, counseling, psychology, education, or special education. Provides students with in-depth understanding of art methods and materials used in artistic development of children, adolescents and adults, while using creative process of art making to enhance the physical, mental and emotional well being of individuals of all ages. Research, assigned readings, online discussions, and hands-on projects and critiques. On-campus art-making seminar is required.

ART 413S. Senior Projects in Painting. 6 Hours.
PR: 18 hours of ART 313 or ART 313S. Advanced study directed toward completion of senior-level projects. Developed to meet individualized creative goals. The course culminates with participation in a senior student exhibition/other exit requirements.
ART 420. Advanced Problems in Art-Making. 3 Hours.
PR: ART 410 and ART 412 with a minimum grade of C- in each. Course open to undergrads in art, counseling, psychology, education, or special education. Provides students with in-depth understanding of art methods and materials used in artistic development of children, adolescents and adults, while using creative process of art making to enhance the physical, mental and emotional well being of individuals of all ages. Research, assigned readings, online discussions, and hands-on projects and critiques.

ART 425S. Graphic Design: Senior Project. 3 Hours.
PR: ART 324 or ART 324S. This course is focused on the development of an undergraduate thesis in which each project is individually defined with an umbrella topic. Formats and content vary but each project culminates in a thesis exhibition and an individual audio/visual presentation. (May be repeated for credit.)

ART 426S. Senior Projects in Sculpture. 6 Hours.
PR: 18 hours of ART 326 or ART 326S or consent. Advanced study towards completion of senior-level projects, developed to meet individualized creative goals. The course culminates with participation in a senior student exhibition and other exit requirements.

ART 430S. Senior Projects in Printmaking. 6 Hours.
PR: 18 hours of ART 330 or ART 330S or consent. Advanced study directed toward completion of senior-level projects. Projects developed to meet individualized creative goals. The course culminates with participation in a senior student exhibition and other exit requirements.

ART 435S. Senior Projects in Photography. 6 Hours.
PR: (ART 234 or ART 234S) and (ART 335 or ART 335S). Advanced study directed toward completion of senior-level projects, developed to meet individualized creative goals. The course culminates with participation in a senior student exhibition.

ART 440S. Senior Projects in Ceramics. 6 Hours.
PR: 18 hours of ART 340 or ART 340S or consent. Advanced study towards completion of senior-level projects, developed to meet individualized creative goals. The course culminates with participation in a senior student exhibition and other exit requirements.

ART 444. Promoting the Arts and Culture. 3 Hours.
Provides a framework for effective promotion of non-profit performing arts, visual arts and service organizations in the cultural arts industry. Identifies the tactical side of commercially advancing the arts including effective implementation of arts-field-specific promotional programs and initiatives. Develops an awareness of arts organizations in the current social, cultural, and commercial environments.

ART 445. Senior Capstone. 3 Hours.
Seminar culminating scholarly experience of the undergraduate art therapy program. Provides the opportunity to explore, research, and articulate individual perspectives on art-making and personal strengths related to future careers in art therapy. Includes lectures, guest speakers/visiting artists, reflective art-making and written assignments.

ART 470S. Senior Projects in Intermedia. 6 Hours.
PR: Consent. Advanced study towards completion of senior-level projects in intermedia. Projects are developed to meet individualized goals. The course culminates with participation in a senior student exhibition as well as other exit requirements.

ART 472S. Advanced Interactive Design. 3 Hours.
PR: (ART 272 or ART 272S) and (ART 372 or ART 372S) and JRL 225 with a minimum grade of C- in each. This course is a semester long, self-directed project focusing on specific interactive design applications in conjunction with advice and consultation from the instructor.

ART 485S. Experiments in Interactivity. 3 Hours.
PR: (ART 372 or ART 372S) and JRL 262 with a minimum grade of C- in each and students must be enrolled in the Interactive Design for Media minor or major. Addresses core principles of microcomputer programming, sensor interaction, and the Internet of Things to create site-specific interactive environments. Students will establish a critical awareness of computer-controlled environments through programming, circuit construction, and customized console design. Technologies explored include Raspberry Pi microcomputers, Arduinos, and 3D printing.

ART 490. Teaching Practicum. 1-3 Hours.
PR: Consent. Teaching practice as a tutor or assistant.

ART 491B-D. Professional Field Experience. 1-18 Hours.
PR: Consent. (May be repeated up to a maximum of 18 hours.) Prearranged experiential learning program, to be planned, supervised, and evaluated for credit by faculty and field supervisors. Involves temporary placement with public or private enterprise for professional competence development.

ART 492. Directed Study. 1-3 Hours.
Directed study, reading and/or research.

ART 493. Special Topics. 1-6 Hours.
PR: Consent. Investigation of topics not covered in regularly scheduled courses.

ART 494. Seminar. 1-3 Hours.
PR: Consent. Presentation and discussion of topics of mutual concern to students and faculty.

ART 495. Independent Study. 1-6 Hours.
Faculty supervised study of topics not available through regular course offerings.

ART 496. Senior Thesis. 1-3 Hours.
PR: Consent.
ART 497. Research. 1-6 Hours.
Independent research projects.

ART 498. Honors. 1-3 Hours.
PR: Students in Honors Program and consent by the honors director. Independent reading, study or research.

ART 499. Global Service Learning. 1-3 Hours.
PR: Consent. Theory and practice of global service learning. The main objective will be to pair the experiential aspects of meaningful and sustained service in the host community with work from the student's anchor course by offering a methodological framework for cultural immersion and community service as well as adding to the content of the anchor course.

ART HISTORY COURSES

ARHS 101. Landmarks of World Art. 3 Hours.
Introduction to the study of art history from prehistory to the present in which major landmarks of world art and architecture are considered as aesthetic objects, cultural documents and within their socio-historical contexts.

ARHS 111. World Architecture 1. 3 Hours.
Covers the built environment from cave shelter to Constantine's Rome. Includes architecture of ancient Mesopotamia, Egypt, Greece, Rome, Asia, Africa, and the Americas. Considers these periods' influence on modern structures.

ARHS 120. Survey of Art History 1. 3 Hours.
The course examines the history of the visual arts in world cultures from pre-historic periods to the fourteenth century.

ARHS 160. Survey of Art History 2. 3 Hours.
The course examines the history of the visual arts in world cultures from the fourteenth century to the present.

ARHS 225. GPS-Introduction to Italian Culture. 3 Hours.
Exploration of Italian history, culture, art, design, and language through lecture and experiential learning. Possible field trips: Florence, Rome, Pisa, Sienna, Lucca, Milan. Students conduct an individual design research project.

ARHS 240. Research, Writing, & Methods in Art History. 3 Hours.
PR: ARHS 120 and ARHS 160 with a minimum grade of C-. A study of Greek Art and Architecture, beginning with the Aegean world in the Third Millennium BCE and continuing through the Hellenistic period, up to about 31 BCE.

ARHS 304. Asian Art. 3 Hours.
ARHS 307. Native American Visual Culture. 3 Hours.
In-depth overview of the visual material culture of the First Peoples of North America north of the Rio Grande, pre-contact to present. Focus on formal analysis with careful contextual studies.

ARHS 310. Introduction to Curatorial Practices. 3 Hours.
PR: ARHS 120 and ARHS 160. This course provides an introduction to museum structure and specifically the role of the curator. The objective is to assess exhibition display and develop critical perspective on curatorial practice.

ARHS 320. Greek and Roman. 3 Hours.
The arts of the Aegean World, c. 2000 BCE, Greece and Rome to 400 CE are examined. Architecture, sculpture and painting will be included.

ARHS 321. Ancient Greek Art and Architecture. 3 Hours.
PR: ARHS 120 with a minimum grade of C-. A study of Greek Art and Architecture, beginning with the Aegean world in the Third Millennium BCE and continuing through the Hellenistic period, up to about 31 BCE.

ARHS 325. Ancient Roman Art and Architecture. 3 Hours.
PR: ARHS 120 and ARHS 160. A study of a limited number of monuments in two-dimensional and three-dimensional mediums from the first millennium BCE through Imperial Rome.

ARHS 331. Medieval. 3 Hours.
PR: ARHS 120 and ARHS 160. The arts of Europe from c. 312 to c. 1350 are examined. The theoretical, historical, and literary contexts for the images will be established. Architecture, sculpture, painting and portable arts will be included.

ARHS 333. Medieval Architecture. 3 Hours.
The architecture of western Europe and its builders, from 313 through the sixteenth century: monumental buildings, architectural ornament, and the fusion of sacred and secular, in context of medieval world views.
ARHS 338. The History of Stained Glass. 3 Hours.
In-depth introduction to the study of architectural stained glass. Focus on the development of the medium, on formal analysis of composition, on conographical conventions, and historic contexts.

ARHS 345. Modern Art Theory. 3 Hours.
PR: ARHS 120 and ARHS 160 and 200-level art history. The course will examine the development of modern art theory and its relationship to artistic practice. Emphasis will be placed on the critical and theoretical examination of modernism and post modernism.

ARHS 348. Women in Art. 3 Hours.
The course examines the art of female artists and of women as subjects in art. There will be a historical view along with a strong theoretical component.

ARHS 350. Northern Renaissance. 3 Hours.
PR: ARHS 120 and ARHS 160. The arts of Northern Europe from 1350 to 1560 will be studied in a historical and theoretical context. Painting and sculpture will be the focus of study.

ARHS 354. Italian Renaissance. 3 Hours.
PR: ARHS 120 and ARHS 160. Early Renaissance through Mannerism. The course will emphasize both the historical context and theoretical foundation of 15th and 16th-century Italian art and architecture.

ARHS 360. Baroque. 3 Hours.
PR: ARHS 120 and ARHS 160. The course examines the art of the late 16th through 18th centuries of both Northern and Southern Europe. Issues of historical context and theoretical interpretation are emphasized.

ARHS 370. American. 3 Hours.
PR: ARHS 120 and ARHS 160. This course will treat the arts in the United States from the Colonial era to 1960. Emphasis is placed upon factors which define American art and the critical foundations for the works.

ARHS 375. Nineteenth Century. 3 Hours.
PR: ARHS 120 and ARHS 160. The course focuses upon European and American art from the late 18th century through 1900. Issues of theory, historical context and literary foundation will be considered.

ARHS 380. Modern. 3 Hours.
PR: ARHS 120 and ARHS 160. The revolutionary experience of modern art, from its foundation in 19th-century European movements through the 1950s will be emphasized. Critical theory and historical context stressed.

ARHS 381. Modern Architecture. 3 Hours.
PR: ARHS 120 and ARHS 160. In-depth overview of architecture, 1850 to present. Focus on development of International Style, its dissemination, and challenges to this modernist aesthetic by contemporary architects.

ARHS 382. GPS-Architect Frank Lloyd Wright. 3 Hours.
Overview of the life and work of America's most noted and controversial architect. Close examination of his work in the context of the development of modern architecture.

ARHS 385. Print, Propaganda, and Art. 3 Hours.
Survey of the history of printing, printmaking, and other forms of imaging in the western world from earliest printed materials to present. Theoretical implications of image reproduction also considered.

ARHS 388. The Art of Andy Warhol. 3 Hours.
Overview of the ground-breaking and controversial art of Andy Warhol. Close examination of his work in the context of the 1960’s Pop Art movement and recent contemporary art.

ARHS 389. Contemporary. 3 Hours.
PR: ARHS 120 and ARHS 160. This course explores the various artistic movements from World War II to the present. Emphasis will be given to the change from modern to postmodern. Familiarity with images and critical texts is expected.

ARHS 393. Special Topics. 1-6 Hours.
PR: Consent. Investigation of topics not covered in regularly scheduled courses.

ARHS 401. Senior Project-Capstone. 1-15 Hours.
PR: Consent. This class concentrates upon independent research, closely supervised, on a topic of student's selection. This must be well-defined and contain historical, critical, and theoretical issues. (Contractual course.).

ARHS 402. History of Chinese Ceramics. 3 Hours.
Covers pre-history to present with emphasis on historical development of ceramics and cultures of important dynasties in Jingdezhen, China. Students will visit historical archaeological sites, traditional production centers and museums.

ARHS 405. Chinese Language and Culture History. 3 Hours.
Covers basic cultural and written Chinese, an introduction to China's many cultures and customs, and a brief history of China. (Field trips offer experiential learning at sites discussed in class.).

ARHS 406. Graphic Design History. 3 Hours.
PR: ARHS 120 and ARHS 160. This course presents graphic design as visual communication from prehistory to present, traced primarily through the poster. It also includes typography, styles, material culture, attending international political and art movements.
ARHS 411. Conservation Practices: Digital Documentation, Treatment, Condition Assessment. 3 Hours.
This course provides an introduction to the field of conservation and historic preservation. Topics include an overview of historical and current approaches to conservation treatment as well as contemporary issues associated with the field. Students learn fundamental skills in conservation examination (assessing the construction/condition of artworks/artifacts) and documentation (techniques will include stereomicroscopy, ultraviolet illumination, and digital documentation.).

ARHS 412. Collections Care and Preservation of Material Objects. 3 Hours.
This course introduces students to the preventive care of collections with a focus on museum policies regarding accessioning/de-accessioning of objects, exhibitions and loans, the transportation and handling of artworks and more. Students complete a survey of a collection, participate in a mock disaster recovery exercise, and conduct environmental monitoring for nearby collections/exhibition spaces.

ARHS 413. Material Objects Investigations 1 (2-D). 3 Hours.
Introduction to historical and contemporary materials of two-dimensional art (organic and inorganic), historical conservation treatments, and selected methods of technical examination of objects (microscopy, ultraviolet, infrared reflectography, x-ray). Printmaking, works of art on paper, papermaking, gilding, easel, and wall paintings will be covered. Students write technical reports, conduct research projects, and reconstruct historical artworks/artifacts.

ARHS 414. Material Objects Investigation 2 (3-D). 3 Hours.
Introduction to historical and contemporary materials of three-dimensional art (organic and inorganic), historical conservation treatments, and selected methods of technical examination of objects (microscopy, ultraviolet, infrared reflectography, x-ray). Metals, ceramics, stone, glass, resins, bone/ivory, basketry, textiles, and taxidermy will be covered. Students write technical reports, conduct research projects, and reconstruct historical artworks/artifacts.

ARHS 445. Michelangelo and His Time. 3 Hours.

ARHS 446. Medieval Painting. 3 Hours.
An historical and media- centered investigation of the pictorial arts of the West c. 800-1300: manuscript illumination, mural painting, panel decoration, embroidery, mosaics, and stained glass.

ARHS 490. Teaching Practicum. 1-3 Hours.
PR: Consent. Teaching practice as a tutor or assistant.

ARHS 491. Professional Field Experience. 1-18 Hours.
PR: Consent. (May be repeated up to a maximum of 18 hours.) Prearranged experiential learning program, to be planned, supervised, and evaluated for credit by faculty and field supervisors. Involves temporary placement with public or private enterprise for professional competence development.

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