

METALS AND JEWELRY MAKING

- ART370 Metalsmithing and Jewelry I (pre-req Art 370)
 - This course introduces basic metalsmithing techniques and design issues specific to creating metal objects and jewelry. Techniques covered include basic shaping, surface embellishment of metal sheet, hot and cold joining, various metal forming methods and lost wax casting. Along with learning various metalworking techniques and achieving high craftsmanship, the development of an idea through sketches, models, and discussion will be stressed and evaluated.
- ART103 Jewelry Design and Processes for Non-majors
 - This course is an introduction to basic techniques and design issues specific to the creation of jewelry. The development of a project from an idea, through sketches to a model, and to the well-crafted finished object is a process that will be emphasized in this course. Some of the techniques that will be covered include: sawing, filing, finishing, texturing, connecting (riveting, soldering, fabrication), basic stone setting, and lost wax casting, among other techniques. Each student will complete several finished pieces by the end of the course.
- ART355 3D printing for Art and Design
 - This course will introduce the concepts and practice of digital fabrication with an emphasis on jewelry and other object design. Students will learn basic and advanced modeling skills in Rhino 3D program, how to properly design and prepare a model for high resolution SLA 3D printing in various resin, as well as the process of casting printed model in metal and how to finish the final object in studio.
- ART375 Intermediate Metals & Jewelry
 - This course is for continuing students from Art 370 or 103. Advanced metal fabrication, chasing and forming techniques, along with mold making for casting will be introduced and developed throughout the semester. Students will also work on the final project that combines conceptual development and various processes to create metal objects and jewelry.
- ART655 Advanced Studio in Metals & Jewelry (pre-req Art 375)
 - This course is for senior students to continue developing their skills in metals and jewelry studio, particularly traditional and contemporary metal forming, vessel and expressive body jewelry work. Students will develop individual research projects through assignments, individual meetings, presentations and group critiques. Students in capstone section will focus on creating a unique body of work for BFA show and portfolio.
- ART680 Topics in Contemporary Metals & Jewelry (pre-req Art 375)
 - This course is for senior students to continue developing their skills in metals and jewelry studio and to explore concepts and processes in contemporary metal art and jewelry field, such as how computerized tools and new materials can be incorporated into metals studio practice. Students will develop individual research projects through assignments, individual meetings, presentations and group critiques.
 - Students in capstone section will focus on creating a unique body of work for BFA show and portfolio.
- ART682 Metals & Jewelry Workshop (pre-req Art 375)
 - This course is for senior students to continue developing their skills in metals and jewelry studio and to explore professional practice or contemporary artists in the field of metals and jewelry. Students will develop individual research projects through assignments, individual meetings, presentations and group critiques.
 - Students in capstone section will focus on creating a unique body of work for BFA show and portfolio.