

# Metalwork, Jewelry Design and Digital Fabrication



Our metalwork, jewelry design and digital fabrication program incorporates metalworking processes (soldering, casting, fabrication, forming) with the newest technologies (such as 3D modeling and 3D printing).

## Our Program

Our graduates have the skills and attributes to be successful. We prepare you for careers as independent makers and designers, as well as valued employees in jewelry, design or digital fabrication industries.

## Clubs, Groups, Events

An active visiting artist and scholar program enhances our illustration program at the School of Art and Design. Visiting artists and scholars are scheduled throughout the academic year, giving you the opportunity to meet like-minded people working in their field.

## Faculty and Opportunities

You can participate in the annual juried exhibition Ars Nova each year. This exhibition is sponsored by Blick Art Materials and you're eligible to win cash prizes.

### Faculty

Jamie Obermeier — [obermeier@niu.edu](mailto:obermeier@niu.edu)



NORTHERN ILLINOIS UNIVERSITY

**School of Art and Design**

*College of Visual and Performing Arts*

# METALWORK, JEWELRY DESIGN AND DIGITAL FABRICATION AT NORTHERN ILLINOIS UNIVERSITY

## Degree Requirements

Our metalwork, jewelry design and digital fabrication program provides a progressive environment focusing on conceptual development and sophisticated design in a studio environment. You'll learn the basis for creating sculptural, wearable or functional works with exceptional craftsmanship. Through an education in using both traditional and contemporary techniques and materials, you'll be prepared to lead in your field.



### Basic Requirements (9 credit hours)

- ART 100 Drawing Foundation I (3)
- ART 102 2D Foundation (3)
- ART 103 3D Foundation (3)

### Art History Requirements (12 credit hours)

- ARTH 282 Intro to World Art (3)
- ARTH 292 Intro to Modern Arts & Design (3)
- ARTH Elective 300/400 level (3)
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### Core Studio Requirements (24 credit hours)

- ARTS 200 Beginning Life Drawing (3)
- ARTS 321 Water-based or ARTS 323 Painting I (3)
- ARTS 327 Beginning Illustration (3)
- ARTS 330 Introduction to Printmaking (3)
- ARTS 341 Beginning Ceramics (3)
- ARTS 351 Beginning Metalwork & Jewelry (3)
- ARTS 361 Beginning Sculpture I (3)
- ARTS 368 Intro to Fiber: Papermaking (3) *or*
- ARTS 371 2D/3D Woven Construction (3) *or*
- ARTS 372 Intro to Fiber: Print Dye (3) *or*
- ARTS 374 Installation and Fiber Sculpture (3)



### Metals Requirements (33 credit hours)

- ARTS 352 Intermediate Metals (3)
- ARTS 451 Advanced Metals (12)  
Three hours for four semesters
- ARTS 452 Advanced Research Metals (3)
- ARTS 405 Interdisciplinary Seminar (3)
- ARTS 406 Senior Project (3)  
Three 300/400 level studio electives (9)

### TOTAL ART HOURS: 78

### PORTFOLIO REVIEW

Review of your metals work, after taking ARTS 351 and ARTS 352, is required in order to continue with future coursework.

### Minimum Graduation Requirements for NIU:

- Minimum 120 semester hours earned for degree.
- Forty of the 120 hours must be upper-level (300 and/or 400 level) courses.
- Fulfill university general education requirements (minimum of 33 semester hours).



Northern Illinois  
University

## Contact Information

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**[go.niu.edu/metal](http://go.niu.edu/metal)**



## Career Information

With your B.F.A. degree in metalwork, jewelry design and digital fabrication, you may go on to work in careers such as: bench jeweler, gemologist, 3D print designer, production designer and CAD modeler.

Career outcomes obtained from the Department of Labor Occupational Outlook Handbook.

