

BFA GRAPHIC DESIGN AP + MA DIGITAL DESIGN AND FABRICATION

Program Overview

Program Coordinator	Chad Bridgewater, bridgewc@newpaltz.edu
Program ID	BFA Graphic Design AP (279A), MA Digital Design & Fabrication (240)
Credits	BFA Graphic Design AP—81 credits inclusive of 9-12 GR credits, MA Digital Design & Fabrication—36 credits including coursework taken as an UG
Program Length	The MA can be completed in 2-3 semesters if enrolled full-time, but students must complete the degree within 7 years.
Modality	In-person
Full-time/Part-time	Full-time
Transfer Credits	9-12 graduate credits taken as an undergraduate will automatically transfer into the MA in Digital Design & Fabrication program.
Captstone	Thesis or Fieldwork

Program Description

This accelerated plan of study provides a pathway to earning a Bachelor of Fine Arts degree in Graphic Design and a Master of Arts degree in Digital Design & Fabrication. Students enrolled in the AP program complete 9-12 graduate credits during their senior year. These credits are offered at the reduced undergraduate tuition rate and fulfill both undergraduate and graduate program requirements.

The MA in Digital Design & Fabrication (DDF) will prepare students to utilize modern digital fabrication methods in the design and fabrication process. Modern methods of fabrication, such as 3D printing, have changed not only how objects are designed, but have also changed what can be designed and manufactured. As modern fabrication technologies continue to advance, the worlds of design and manufacturing will change and merge into something much more seamless. Through an approach that blurs traditional boundaries between art, engineering, design, fabrication and science, the DDF program will enable students to take full advantage of advanced manufacturing and fabrication techniques. Graduates will earn the Rhinoceros CAD certification (levels 1 & 2) and Stratasys Additive Manufacturing Certification.

How does it work?

Get started as an undergraduate by declaring the **BFA Graphic Design AP concentration (279A)**:

- **Meet** with AP advisor, Aaron Nelson, to declare the BFA Graphic Design AP concentration.

- **Work** with your AP advisor to select four graduate courses to take during your senior year.
- **Apply** for the MA Digital Design & Fabrication program in your senior year.
- **Transfer** 12 credits of graduate courses taken as an undergraduate into your graduate program.

Graduate Admission Requirements

Graduate admission requires submission of:

- Graduate application - select major 240.
- One set of official transcripts for all undergraduate and graduate course work.
- Grades of B or higher in graduate courses taken as a senior.
- Portfolio including samples of completed work. When uploading your portfolio, include a minimum of 15 images. Please note that we require a minimum of 10 individual works or projects; additional detail photographs and installation documentation can be included. You may either upload videos or include external links to videos as part of your portfolio. Each work sample must be labeled with the title of work, medium, size, and date. Images can be labeled and ordered as they are uploaded. For good image quality and fast upload, we recommend jpeg images no larger than 1280 x 1280 pixels @ 72 ppi.

Admission Deadlines

Fall Admission	July 31
Spring Admission	January 1

Applications are reviewed on a rolling basis until the program's cohort is filled or until the deadline stated above. Applications submitted after the posted deadline will not be considered. Applying early ensures an easier registration process. Applicants who are admitted later in the admission cycle may find that classes that they wish to enroll in are already full.

Curriculum Requirements

Graphic Design AP (279A)

Code	Title	Credits
Required Foundation Courses (12 Credits)		
ARS100	Drawing: Visual Thinking I	3
ARS101	Drawing: Visual Thinking II	3
ARS103	Design: Form	3
DES100	Designed World	3
Art History Courses (12 Credits)		
ARH201	Art of the Western World I	3
ARH202	Art of the Western World II	3
Select two of the following:		6
ARH526	Studies in the History of Design	
ARH358	Modern Art, 1900-1970	

ARH359	Contemporary Art, 1970 to the Present	
ARH3xx/ARH4xx Art History Elective		
Required Graphic Design Courses (45 Credits)		
DES101	Graphic Design	3
DES210	Typography	3
DES220	Information Design	3
DES310	Type and Image	3
DES320	Art Direction	3
DES330	Design for the Web	3
DES340	Design Research	3
DES410	Advanced Typography	3
DES420	Design Theory and Criticism	3
DES430	Interaction Design	3
DES440	Graphic Design Thesis 1 *	3
DES441	Graphic Design Thesis 2 *	3
DES442	Graphic Design Portfolio *	3
Select two of the following:**		6
DES392	Data Visualization	
DES491	Design for Web II	
DES492	Motion Design	
Required Cognate Courses (12 Credits)		
ARS230	Basic Digital Photography	3
DDF502	Introduction to Computation for Media	3
DDF510	Computer Aided design 1	3
DDF560	Introduction to Designing with Microprocessors	3
Total Credits		81

* DES440, DES441, DES442 contribute to the Graphic Design major's capstone experience. DES440 is writing intensive.

** Additional Design electives will be added over time.

MA Design and Fabrication

Code	Title	Credits
Transfer Credits (12 Credits)		
DDF510	Computer Aided design 1	3
DDF502	Introduction to Computation for Media	3
ARH526	Studies in the History of Design *	3
DDF560	Introduction to Designing with Microprocessors	3
Design and Fabrication Coursework (12 Credits)		
DDF512	Computer Aided Design 2	3
DDF555	3D Computational Design	3
DDF705	Advanced 3D Printing	3
DDF701	Advanced Computer Aided Design	3
Electives (6 Credits)		
Working with your advisor, you will select 6 credits of graduate coursework in art, engineering and computer science.		6
Capstone Experience (6 Credits)		
Working with your advisor, you will enroll in 6 credits of thesis or fieldwork as their culminating experience.		6
Total Credits		36

* If not taken as part of the BFA degree, then the student would complete it as a graduate student.

Academic Standing Requirements for Accelerated Pathway Students

A cumulative GPA of less than 3.0 in graduate-level courses taken in the undergraduate portion of an accelerated pathway program precludes the student's good standing. Students with a cumulative GPA between 2.75 to 2.99 are strongly advised to reconsider continuing into the graduate program.

MA Program Requirements

Complete the prescribed course work and other requirements within seven years after matriculation. Maintain a cumulative grade point average of 3.0 or better, with no more than two grades below B-.

Graduation Checklist

- Apply for graduation via my.newpaltz.edu#under "Graduation" tab according to the schedule in the academic calendar.
- Resolve any pending admission conditions (outlined in your acceptance letter) and/or missing documents if applicable.
- Review your progress report via my.newpaltz.edu to ensure that you have completed all program requirements.
- Remember that only two grades below a B- may be applied to your plan of study
- Contact your advisor if you need to amend your plan#or process transfer credit.
- Ensure that you are in good academic standing#with a#GPA (Grade Point Average)#of 3.0 or higher.
- Pass your capstone or culminating assessment.
- Complete your degree within the specified time limit#outlined in the Program Overview.

BFA Graphic Design AP PLOs

Our learning outcomes enact educational and professional values endorsed by the National Association of Schools of Art and Design (NASAD) and the American Institute of Graphic Arts (AIGA), our national professional organization.

By the time they graduate, Graphic Design BFA majors will be able to:

- understand and describe, prototype, iterate, and evaluate communication problems

- apply their working knowledge of human factors to understand and describe users, audiences and design contexts
- create, develop, iterate, and refine well-crafted visual form
- understand and master tools and technologies, from creation to distribution
- apply a basic knowledge of graphic design, business practices, organization and teamwork.

MA Digital Design & Fabrication PLOs

- Expand knowledge of diverse histories and contemporary practices in studio art, design, and art education
- Demonstrate—in written, visual, and oral forms—an understanding of a work of art or design, in terms of its social, political, cultural, aesthetic and historical context
- Develop and articulate self-reflective practices as artists, designers, teachers, and citizens
- Create collaboration and engagement with local and global art, design, and learning communities
- Build professional networks to support lifelong learning and sustainable practices