

3D Printing

The 3D printing machines can be used to print tangible models of people, monuments, objects, and more. The History Studio has three Ultimaker S5 3D printers which students can use with the help of a graduate assistant.

Sample Projects:

James Madison Bust



Hummingbird Model



You will need:

- Cura Model software (available on studio computers) or a 3D model from another source
- Studio computer and/or flash drive with 3D model saved on it

Getting Started:

Ask a graduate assistant to help you print a 3D model. Know what you want to print, whether you already have it on a flash drive or are prepared to find the model online in the studio.

Graduate assistants will help you transfer your 3D file to the printers, pick your color, and start the print.

The printing process often takes at least a few hours, so you will leave your model to print and pick it up once it is done (graduate assistants will email you to let you know when it is complete).

Colors:

We offer a wide range of colored filaments for your prints. We have the basics (white, black, clear, and grey) along with other fun colors such as purple, green, blue, yellow, orange, and red. We cannot guarantee a certain color will be available, but you can reach out to the graduate assistants to see what colors are currently in stock.

Don't forget:

Printing models can take a lot longer than you think. Be prepared for your model to take at least a day to print.

If you are interested in having your project featured on the History Studio website, talk to a graduate assistant!

More information on 3D Printing:

Free 3D prints can be found online from a simple google search. For example, if you wanted to print a 3D cat, you could search for "free cat 3D prints" and chances are you will find a good one after exploring a few websites.

Link to the Ultimaker help guide:

<https://support.ultimaker.com/s/article/1872100983001>