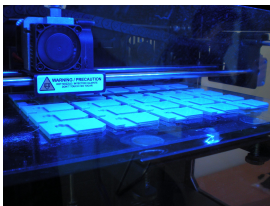
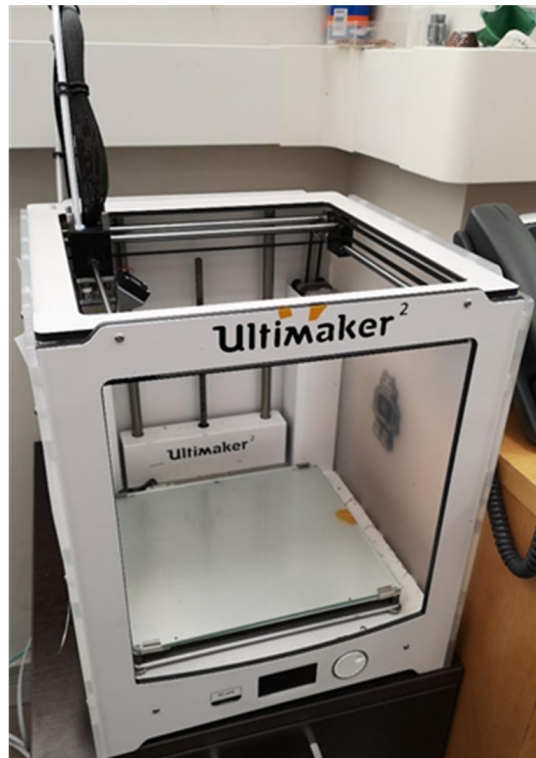


# 3-D printing

Production with a 3-D printer



## Contact information

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## Technological Offers type

Technological scientific services

## Research and innovation areas

- Bioeconomy, Biotechnology and Food Systems
- Industry, Materials and Circular Economy
- Science For Engineering and Architecture
- Social Innovation, Open Science, Governance, and Education Science

## ODS



**Available from:** 2021

### Where?

Center for Biomedical Technology Photonic and Biophotonic Optics Group (GOFB)

Keywords: | [3d print](#) | [ABS](#) | [design](#) | [extrusión](#) | [filament](#) | [Manufacturing](#) | [PLA](#)

## Scientific and technology services

### 3-D printing

KEY WORDS: production, 3-D printing, PLA, ABS, filament, extrusion, design.

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#### Description of the services offered

3-D printing using the plastic extrusion technique. This is done using pre-loaded designs on CAD programs. The printing service also offers a service to design the prototype to be printed.

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#### Needs requested and applications

Mainly used for prototyping plastic pieces for experimental set-ups. It is possible to print in different materials.

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#### Sector or area of application

Industrial design and manufacture.

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#### Equipment description

The machine is an Ultimaker 2 3-D printer, made by Ultimaker, with the following technical specifications:

- ¿ Printing volume: 223 × 223 × 205 mm
- ¿ Interchangeable nozzles (0.25, 0.4, 0.6 and 0.8 mm)
- ¿ 35W heater
- ¿ Optimised air flow
- ¿ Mechanised feeder
- ¿ Heated glass printing platform
- ¿ Large printing volume
- ¿ 600 to 20 micron layer resolution
- ¿ Other filaments can be used (ABS, PLA, PETG, NYLON, etc.)

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#### Request for service

Contact by e-mail, putting ¿PROVISION OF SERVICE¿ in the subject, and the service in question with an approximate description of what is required and the time line in the body of the e-mail.

