UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

COURSE SYLLABUS

Image Processing with Imagej

2627-121R002

Title

Image processing with ImageJ

Teacher(s)

Prof. Daniele Ramazzotti

Language

English

Short description

ImageJ is an image processing computer program written in the Java programming language. The tool is based on an open architecture, which allows the user to extend its functionality by defining plugins or macros. In this course you will learn the basic concepts of image theory, a prerequisite for the effective use of ImageJ. Subsequently, the basic interface of the tool will be described with particular emphasis on applications in the biomedical field. Finally, more advanced examples will be discussed, including tasks typically performed during image analysis in the context of scientific research.

CFU / Hours

1 CFU / 8 hours

Teaching period

Tuesday, 9 February 2027, 9:00 a.m. – 1:00 p.m.
Tuesday, 23 February 2027, 9:00 a.m. – 1:00 p.m.

Sustainable Development Goals

GOOD HEALTH AND WELL-BEING