UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

# SYLLABUS DEL CORSO

# Advanced Topics on Microelectronics

**2526-2-113R-05**

## Title

Advanced Topics on Microelectronics

## Teacher(s)

Andrea Baschirotto (scientific director, organizer and coordinator)

## Language

English

## Short description

The main aim of the Topics on Microelectronics Course is improving the knowledge of the participants in the field of the Microelectronics design, facing different topics and from different perspectives as the microelectronics world is. This Course is then addressed to students (Master and PhD), researchers, designers.
The course will have the typical ToM course structure with six long lectures (with a sufficient time to give both overview and advanced details about the topic) given by academic professors or qualified experts coming from companies or research centers.
The academic and industrial approaches for research and state-of-the art progress are then presented. Different topics are addressed in the Course. This is intentional to give a wide-spectrum for the audience about the present

and future challenges in the microelectronics world.

Further details about the lectures, the location and the date of the course are under preparation and will be announced in January 2026.

## CFU / Hours

18 hours

## Teaching period

Preliminary date June 2026 (to be confirmed)

## Sustainable Development Goals