



UNIVERSITÀ
DEGLI STUDI DI MILANO-BICOCCA

SYLLABUS DEL CORSO

Didattica della Matematica

2122-1-F4001Q038

Aims

Contents

Introduction to the methods, the ideas, the historical development and the theoretical frameworks useful in teaching secondary school mathematics. This course will be delivered only in Italian language. The course is held in Italian language. **Please refer to the page of the Italian part of the document for further details.**

Detailed program

Prerequisites

Teaching form

Lectures and laboratories.

Textbook and teaching resource

DIDATTICA DELLA MATEMATICA, di Roberto Natalini, Anna Baccaglini-Frank, Pietro Di Martino, Giuseppe Rosolini (Mondadori 2018).

LEARNING TO THINK MATHEMATICALLY: PROBLEM SOLVING, METACOGNITION, AND SENSE MAKING IN MATHEMATICS di Alan H. Schoenfeld in Handbook of research on mathematics teaching and learning (A Project of the National Council of Teachers of Mathematics, 1992) (Reprint

<https://journals.sagepub.com/doi/abs/10.1177/002205741619600202>).

Further reading: MATHEMATICAL DISCOVERY di George Polya (1962).

Semester

2S

Assessment method

[see the page in Italian language]

Office hours
