

# The Department of Mathematics

2020–21–A term

**Course Name** Functions of several complex variables and introduction to Singularities

**Course Number** 201.2.0441

**Course web page**

<https://www.math.bgu.ac.il/~kernerdm/Teaching/2020.Singularities/2020.Complex.Variables.Singularities.html>

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**Office Hours** <https://math.bgu.ac.il/en/teaching/hours>

## Abstract

## Requirements and grading<sup>1</sup>

## Course topics

- .1 Riemann surfaces
- .2 Holomorphic functions of several variables
- .3 Isolated singularities of holomorphic functions
- .4 Fundamentals of differential topology
- .5 Topology of singularities.

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<sup>1</sup>Information may change during the first two weeks of the term. Please consult the webpage for updates