

## **224.4107 – Recent advances in computational geophysics,**

### **Semester B**

**Time:** [Tuesday] [12:15-14:00], Room [Multi-Purpose Building #272]

**Instructor:** [Dr.] [Regina] [Katsman]

**Office Hours:** [Monday] [10:00-12:00], Room [261], [048288979]

**Teaching Assistants & Office Hours:**

[Regina] [Katsman] – [Monday] [10:00-12:00], Room [261],

[\[katsman@univ.haifa.ac.il\]](mailto:katsman@univ.haifa.ac.il)

**Course Type :** **Workshop, 2 credits**

**Course Level :** **MSc/ PhD**

**Pre-Requisites:** No

**Course Overview:**

The objective is to gain exposure to recent advances in the computational geophysics having an importance to the studies conducted by the students. The lectures are presented by students and faculty members. The meetings are supposed to widen the students research horizons. The lectures are followed by discussions. COMSOL Multiphysics software will be presented and trained in a separate workshop.

**Topics:**

Variety of the subjects related to the computational geophysics and other Earth/Marine science related topics.

**At the end of the course students will be able to:** **[Learning Outcomes]**

1. Broaden the research horizons of the students;
2. Get insights into studies from other fields.

**Requirements :** **Attendance, Class presentations**

**Grading:**

No final grade: Pass/Fail

**Website:**<http://marsci.haifa.ac.il/en/academics/marine-geosciences/marine-geosciences-courses>

**List:**Scientific papers on the selected subjects.