MARUM / GLOMAR Expert Course:

An introduction to MATLAB

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MATLAB is an easy and flexible programming language, which enables you to process significant amounts of numerical data. MATLAB is well documented, supported by a large group of users, and frequently applied in science and engineering. MATLAB shares the syntax with other languages, such as *Octave* and *Scilab*, which are both free to use.

The aim of this course is to provide you with basic knowledge of MATLAB programming. Experience with other programming languages is not required. With a little effort you will be able to import and process data, and to create custom-designed plots from your results.

Schedule:

Tuesday to Thursday (09:00 - 12:30)

Programming: syntax, variables, data types
Processing: scripts, functions
Data: import, storage, export
Plotting: 2D, 3D, objects, handles
Learn more: help pages, file exchange database

Friday (09:00 - 12:30)

Discuss individual topics according to your processing needs, potentially including, but not limited to, statistics, interpolation, or time series analysis …

Location

MARUM, University of Bremen, 28359 Bremen, Germany, Room 2070

To subscribe

Please send a mail to Christina Klose (glomar-courses@marum.de). Please give your name, status (PhD student, Postdoc or Master Student), institute / university and research area / working group as well as your **field of study**.