

## MARUM / GLOMAR Basic Skills and Methods Course

### An Introduction to programming in Python

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27 February – 1 March 2017, MARUM Bremen

#### Objectives

Python is an open-source, general purpose programming language which has rightfully gained much popularity in science. It comes with a rich collection of already existing bricks of classic numerical methods, plotting or data processing tools. Python syntax is simple, avoiding strange symbols or lengthy routine specifications that would divert the reader from mathematical or scientific understanding of the code.

Efficient code Python numerical modules are computationally efficient.

In this course, we will introduce students to effectively using Python for their everyday research needs. Upon completion of the course, students will be able to read and write data in different formats, intuitively work with and perform simple statistical analyses on their data, and present their analysis in a variety of plots.

#### Target group

Absolute beginners in using Python

#### Please note

Participants who would like to **bring their own laptops** may do so but are responsible to make sure that the software\* is running properly by the beginning of the course. During the course, support can only be given for laptops provided by GLOMAR.

\* Anaconda Python 4.2 (Python 3.5 version)  
<http://unihb.eu/nOj4hLPO>

#### Location and time

MARUM, University of Bremen, Leobener Str. 8, 28359 Bremen, Germany, Room 2070

27 February – 1 March 2017, 09.00 – 15.00 hrs.

## Registration

To register for this course, please visit the [course web site](#).

*Please note that your registration will be binding.*

Any enquiries regarding the course should be addressed to [glomar-courses@marum.de](mailto:glomar-courses@marum.de).