



## **Biodiversity Informatics Training Opportunity**

### **Short Course: *Python for biologists***

**Date:** November 13th 2019, 12.00-17.00 (first hour = installation and lunch), 17:00-19:00 (individual assignments)

**Place:** Gothenburg Global Biodiversity Center, Carl Skottsbergs gata 22B, Gothenburg.

**Description:** The workshop 'Python for Biologists' is intended as a basic Python tutorial, not assuming any prior knowledge of the programming language. It is however useful and desired for participants to have had prior exposure to a different programming language (such as R, bash, Perl, etc.). During this half-day workshop we will cover the basic python syntax, starting with the basic objects such as strings, lists, dictionaries and arrays. During the workshop students will learn how to import packages into python, enabling a variety of third party functions, with a focus on common applications in biology (packages related to sequence data, and reading of data frames). There is potential for a follow up workshop at a later point, starting at a slightly more advanced level.

**Course teachers:** Tobias Andermann, Matthias Obst

**Recommended background:** No Python knowledge required, but previous exposure to other programming languages desired

**Course level:** PhD level (motivated Master's students welcome)

**Food:** Lunch will be provided for all course participants

**Application:** A short motivation (5 lines stating goals and expectations) should be submitted to [matthias.obst@marine.gu.se](mailto:matthias.obst@marine.gu.se) latest by **6th November 2019**.

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