

**Learning a high-performance programming language: julia**

1. **Timeline and special course specifications**

Number of ECTS: 10

Start Date: 29th June 2020

End Date: 30th September 2020

Hours per week: 15 - 20 h

Evaluable hand-in: report (*title: tbd)*

Progression tracking hand-in: Weekly exercises based on the Python and Unix for Bioinformaticians course, handed via Github

1. **Weekly detailed program**

**tbd**

1. **Report content**
   1. *Algorithm*

tbd

* 1. *Python Code*

Write the algorithm in python

* 1. *Julia code*

Write the algorithm in Julia

* 1. *Report goal*
     + Introduction
     + Materials and Methods
     + Results
     + Discussion

1. **Resources of information, courses online, books…**