

## VACANCY Teaching Assistant for development of modules in new masters

We are looking for Teaching Assistants that will help with the **development** of new modules in the new master programs that will start in September 2022. This involves the development of the new core faculty module **Modelling, Uncertainty and Data for Engineers** (part of all 3 new master programs), and the modules of the master **Applied Earth Sciences**.

Tasks may range from creating Python notebooks (with auto-grading), video recording and editing, setting up the Brightspace environment, project administration, review and testing, etcetera.

We are looking for candidates with one or more of the following profiles:

1. you are proficient with Python
2. you have experience with video recording and editing (e.g., Camtasia)
3. you have a good knowledge on at least one of the topics (indicate this in your application letter / CV): probability and uncertainty quantification, observation theory, mathematical modelling, optimization, numerical simulation methods, signal processing, machine learning, applied earth sciences.

In addition, all candidates are expected to

- have a good command of English
- be organized and structured
- have good communication skills (you will work in a team)
- be available for 8 hours per week (or more) on average\*, starting in April 2022.

\* number of hours may vary per week, also depending on your availability

Send a motivation letter and CV to [Sandra.Verhagen@tudelft.nl](mailto:Sandra.Verhagen@tudelft.nl)

Also indicate your availability (start date, end date, average number of hours per week). Your appointment is in principle for the current academic year, but there might be an option to extend the contract in Semester 1 of 2022-2023.