



# Summer School | ELLS & ECOBREED DIGITAL PLANT BREEDING



July 24-30, 2022

Venue

University of Natural Resources and Life Sciences, Vienna (BOKU)  
Campus Tulln, Konrad Lorenz Str. 24, 3430 Tulln, Austria



## Course Content

Novel phenotyping methods using instrumental measurements for “difficult to see” traits are currently under development.

We will choose selected possibilities for digital phenotyping, such as UAV taken RGB imaging, perform measurements and will explore on integrating digital data in selection programs.

## Learning outcomes

After completing the course, the participants should be able to

- understand, compare and value methods for digital phenotyping in plant breeding context
- perform basic data acquisition and basic data analysis using digital phenotyping instruments in a plant breeding context.

**Target group:** MSc and early PhD students

**Number of participants:** 30

**Application Deadline:** 30. April 2022

**Course Language:** English

**Course Format:** Mix of: lectures, practical data analysis on the computer (laptop, statistical programming language R), field measurements, excursions.



**More information / registration**

<https://www.euroleague-study.org/en/digitalbreeding>



This activity is partly funded from the European Union Horizon 2020 under the Grant Agreement number 771367 within the Research and Innovation Action (RIA)



Member Universities:



University of Natural Resources and Life Sciences, Vienna



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