STudent REseArch Mobility Programme (STREAM)  
Research Project proposal

Host University: Leiden University

Main Research Field (drop-down list): 15. Natural Sciences

Specified field, subject:
Ecology, Biochemistry, Biology

Research project title:
Evolutionary Developmental Biology

Possible starting month(s):

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Exact starting and end dates will be discussed between the supervisor and the student

Possible duration in months:
Minimum: 3 months
Maximum: 2 semesters

Suitable for students in:
☒ Bachelor level☒ Master level

Prerequisites:

- Preferably some experience with molecular biology.
- Minimum GPA 3.2 out of 4

Description:

We seek to understand the molecular and developmental basis of evolutionary change. As model organism we use the red flour beetle Tribolium castaneum. By comparing its development to Drosophila and other insects, we can infer what changes happened in the respective evolutionary lineages. Current research focuses on the role of the serosa, the immune defence and cell adhesion.
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Faculty and/or Department:
Faculty of Science / Leiden Institute of Biology, Evolutionary Biology

Deadline for nomination to reach Leiden University:
- 1 April (for Fall semester intake) / 1 October (for Spring semester intake).
- Please note: Due to the COVID-19 situation and measures taken, the project might be cancelled if empirical research in the institute is impeded by COVID-19.

Notification of admission given by the end of:
Approximately 6 weeks after receipt of the application.

Contact person:
Ms. Usha Mohunlol, Coordinator STREAM Programme

Contact email: u.c.mohunlol@sea.leidenuniv.nl