

STudent REseArch Mobility Programme (STREAM) Research Project proposal



Host University:

Albert-Ludwigs-Universität Freiburg

Field (drop-down list):

Natural sciences, mathematics and statistics
Social sciences, journalism and information
Agriculture, forestry, fisheries and veterinary

Specified field, subject:

Remote sensing, forestry, biology/ecology (botany, zoology mycology),
economics, social sciences

Research project title:

Conservation of Forest Biodiversity in Multiple-Use Landscapes of Central Europe

Possible starting month(s):

Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
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Potentially all, it depends on the field/subject chosen.

Possible duration in months:

1	2	3	4	5	6	7	8	9	10	11	12
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Exact starting and end dates will be discussed between the supervisor and the student

Suitable for students in: Bachelor level Master level

Prerequisites:

Some knowledge in desired field/subject area
Willingness to engage in other disciplines
Willingness to work interdisciplinarily
Sufficient command of English (in written and spoken form), for some work
German might be a requirement).

Restrictions:

For some field work a certain degree of physical fitness and driving license are necessary.

Description (maximum 2,000 characters):

The vast majority of Earth's surface is utilized by humans. It is estimated that existing protected areas are not sufficient to protect their biodiversity. One solution is to integrate conservation measures into these used landscapes. ConFoBi (Conservation of Forest Biodiversity in Multiple-Use Landscapes of Central Europe) investigates how the integration of measures to protect biodiversity in forests used by humans can be achieved. ConFoBi consists of more than a dozen projects studying various aspects of this question, ranging from assessing the forest structure (from tree over plot to landscape level), estimating biodiversity (from epiphytes and understory plants to bats as well as modelling economic aspects and assessing the social science component,



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i.e. how can the gap between science and practitioners become smaller.)
Overall, we investigate biodiversity along two gradients: landscape and forest structure. ConFoBi does this in an interdisciplinary approach and in the setting of a so called Research Training Group. The latter means that all research is conducted by PhD students.



Research laboratory:
RTG 2123 ConFoBi

Faculty and/or Department:
Faculty of Environment and Natural Resources
Faculty of Biology
(several chairs and professors are involved)

Deadline for nomination to reach host university:
Always possible

Notification of admission given by the end of:
After 1 month

Additional information:
<http://confobi.uni-freiburg.de/en>

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