

**Master Thesis**

**Starting Date:** Preferably beginning of 2025



**Quantifying floral resources for optimizing pollinator habitat**



**Background**

AGRI4POL's goal is to promote the benefits of transforming agriculture from being a pressure on pollinators to becoming a positive force for restoring and managing pollinators and pollination services that support agriculture and provide food and other benefits to ecosystems and people.

**Aim of this work**

The Master opportunity is to participate in a team:

1) to understand how ecological infrastructure shapes pollination services from field to landscape scale

**Requirements**

Your master thesis will be embedded in the EU funded project AGRI4POL about the integration of habitat structures in agricultural areas for the promotion of pollinating insects. You will be collecting new samples of plant traits (vegetation surveys) within different habitats in the larger surroundings of Freiburg with the possibility to use drones. Ideally, this work will be done in collaboration with another Master thesis focusing on pollinators and co-benefits enhancing biodiversity. Therefore, there is the opportunity to exchange between colleagues and team members. You should embrace field-based research as well as have some background or interest in data and or landscape approaches, which should include a solid basis of statistics and the handling of R. Most importantly, you should be passionate about biology and should have an interest in sustainable agriculture and the consequences of various land-use policies for multiple ecosystem services.

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