# Plant Nutrition and Crop Production

## Internship at the Osnabrueck University of Applied Sciences

<table>
<thead>
<tr>
<th>Supervisor</th>
<th>Prof. Dr. Hans-Werner Olfs</th>
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<tr>
<td><strong>Project</strong></td>
<td>Improving nutrient use efficiency for arable crops: There are several ongoing R&amp;D projects focusing on aspects of applied plant nutrition (e.g. use of sensor technologies in crop production [wheat, oil seed rape]; optimizing nutrient application strategies for mineral/organic fertilizers) crop production and environmental aspects (e.g. greenhouse gas emissions). Depending on the student’s abilities and interests a suitable topic will be selected.</td>
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| **Tasks**           | - Field work (support experimental field trial work)  
- Greenhouse work  
- Lab work (analyzing soil/plant samples)  
- Data Analysis  
- Literature research |
| **Requirements**    | - Students of Agronomy (preferred), Biology, or Environmental Sciences  
- Graduate student or undergraduate student (with at least two years of study)  
- Basic skills in scientific working (lab and/or field experiments) and/or plant production. |
| **Language Skills** | English: fluent  
German: basic knowledge useful, but not required |
| **Duration**        | 3 – 6 months within either the summer semester (March – August) or the winter semester (September – February)  
specific dates and duration to be agreed upon |