


## Internship Program at Osnabrück University of Applied Sciences

### Description of lab or research project

	<b>Plant Nutrition and Crop Production</b>
<b>Head of working group</b>	Prof. Dr. Hans-Werner Olf Faculty of Agricultural Sciences and Landscape Architecture Oldenburger Landstr. 24, D-49090 Osnabrück E-Mail: <a href="mailto:h-w.olf@hs-osnabrueck.de">h-w.olf@hs-osnabrueck.de</a> Phone.: +49-541-969 5135
<b>Title of Project</b>	Improving nutrient use efficiency for arable crops
<b>Abstract</b>	There are several ongoing R&D projects focused on aspects of <ul style="list-style-type: none"><li>- applied plant nutrition, e.g. the use of sensor technologies in crop production (wheat, oil seed rape) and optimizing nutrient application strategies for mineral/organic fertilizers</li><li>- crop production, and</li><li>- environmental aspects (e.g. greenhouse gas emissions).</li></ul> Depending on the student's abilities and interests a suitable topic will be selected.
<b>Tasks</b>	<ul style="list-style-type: none"><li>- Field work (supporting experimental field trial work)</li><li>- Greenhouse work</li><li>- Lab work (analyzing soil/plant samples)</li><li>- Data Analysis</li><li>- Literature research</li></ul>
<b>Requirements</b>	- Students of Agronomy (preferred), Biology, or

	<p>Environmental Sciences</p> <ul style="list-style-type: none"> <li>- Graduate student or undergraduate student with at least two years of study</li> <li>- Basic skills in scientific working (lab and/or field experiments) and/or plant production.</li> </ul>
<b>Language Skills</b>	<p>English: fluent  German: basic knowledge useful, but not required</p>
<b>Duration and time period</b>	<p>3 – 6 months in either the summer semester (March – August) or the winter semester (September – February)  Specific dates and duration to be agreed upon</p>
<b>Further information</b>	