



INTERNSHIP PROGRAMME

Code: (Partner Acronym) UNIGOE_01

Title	Lab training: „Biogeochemical Cycles at the Interface of Urban-Rural Systems“
Initial date (2019)	<i>Any time</i>
End date (2019)	<i>Any time</i>
Number of positions (max)	<i>Max. 10 students</i>
Required knowledges and skills	<i>Participation in web-based training on biogeochemical cycles</i>
Academic coordinator	<i>Prof Dr M Dippold, dippold@gwdg.de</i>
Objectives	<i>The students will understand the fundamental concept of biogeochemical cycling, i.e. of pools, fluxes and transformations. Students will learn how to characterise crucial functions of the soil in both urban and rural environments</i>
Short course modules¹	<p>Keynote lectures</p> <p><i>Based on the prior knowledge of the WBT on biogeochemical cycles, the students will receive short intensive keynote lectures on the three element cycles (C, N, P).</i></p> <p>„State-of-the-Art of Biogeochemical Research“</p> <p><i>Students will attend a 30-min presentation (+ discussion) on a current topic of biogeochemical research</i></p> <p>„Lab Methods at the Interface of Urban-Rural Systems“</p> <p><i>Soil samples taken from a gradient ranging from the city centre to the rural environment will be analysed for soil nutrients and microbial functions (MBC, MBN, MBP) and linked to the CNP stoichiometry. Methodological basics will be introduced (TOC-L, EA, photometry)</i></p>
Internship activities	<i>Lab work and lectures</i>

¹ The first order number identifies the internship programme the second order number the programme in a specific hosting institution



Hosting institution	<i>Georg-August-University Göttingen</i>
	<i>NN</i>
	www.uni-goettingen.de
Academic tutor	<i>Callum Banfield</i>
Hosting institution tutor	<i>NN</i>
Additional notes	<i>NA</i>