



The Collaborative Research Center 884 (SFB 884) „Political Economy of Reforms“ at the University of Mannheim offers a short-period job in

Coaching „Mathematics for Social Scientists“.

This position is limited for a period from around mid-August to late September/early October. The coaching should consist of about 30 hours of coaching in total, ideally split into weekly meetings.

About the SFB 884:

The goal of this multidisciplinary SFB 884 is to provide scientific insights into success and failure of reforms, determined by competing interests (Group A), contexts (Group B) and the political process of reform-making (Group C). As the core infrastructure, a data center will collect new data on these three dimensions. The SFB 884 brings together more than 20 senior and junior researchers from economics, political science, sociology and statistics. Their joint interest is to advance the theoretical and empirical foundations of quantitative research on societal decision-making in general, and the understanding of reform-making in particular.

About the coaching:

The coaching is for a doctoral student in the social sciences. It should prepare her for an exam in “Mathematics for the Social Sciences”. The coaching should therefore contain the areas set theory (e.g., laws of set theory, functions), matrix algebra (e.g., systems of linear equations, Gauss Algorithm, Eigenvalues and Eigenvectors), and introductory analysis (e.g., sequences and limits, derivatives). The coaching should be in English since the exam will be in English, too.

Requirements:

Applicants should hold at least a Bachelor’s degree in Mathematics and have experience in didactics. It is especially important that he or she should be empathic and patient in order to dismantle learning barriers. Aside from that, the applicant should be able to conduct the coaching in English, using the correct English terminology.

The salary depends on skills, educational level and experience.

Applicants can send their cover letter and CV to Ms. Margarita Maklakova (management@reforms.uni-mannheim.de).

Application Deadline: 17 July 2015