

APRIL 2022 | CALL FOR APPLICATIONS

# QUANTITATIVE RESEARCH METHODOLOGIES



THIS COURSE INTRODUCES STUDENTS AND POST-GRADUATE STUDENTS TO THE BASICS OF THE QUANTITATIVE RESEARCH PROCESS AND DESCRIPTIVE STATISTICS. IT CAN ALSO BE USED AS A REFRESHER COURSE.

The course covers the most important aspects of quantitative research methodology such as setting up hypotheses and the operationalisation of phenomena of interest. Additionally, it introduces participants to data management on Excel and the creation of simple graphs. With regards to statistics measures of central tendency, measures of spread and correlations are discussed.

The course consists of self-directed learning on the Moodle platform and eight synchronous Zoom sessions.

Please note that a consecutive course which covers inferential statistics will be taught in September 2022.

## ZOOM SESSIONS

05.04.2022, 11 AM

12.04.2022, 11 AM

19.04.2022, 11 AM

26.04.2022, 11 AM

03.05.2022, 11 AM

10.05. 2022, 11 AM

17.05.2022, 11 AM

24.05.2022, 11 AM

*ALL TIMES INDICATED IN  
CENTRAL AFRICAN TIME*

## WHAT WE EXPECT

- participation in at least 6 out of 8 Zoom sessions
- completion of the activities and assignments on Moodle

## WHAT YOU GET

- new knowledge and skills useful for your academic career
- an official certificate of completion by DIGI-FACE

Ready to apply? [Please click here to apply via our online form.](#) Application deadline: March 31. Questions? Contact [sonja.ebbing@uol.de](mailto:sonja.ebbing@uol.de).



Deutscher Akademischer Austauschdienst  
German Academic Exchange Service



Federal Foreign Office



# QUANTITATIVE RESEARCH METHODOLOGIES



**5 APRIL**

**Introductory session**

**12 APRIL**

**The quantitative research process**

**19 APRIL**

**Research design & operationalization**

**26 APRIL**

**Quantitative research instruments**

**3 MAY**

**Measures of central tendency**

**10 MAY**

**Measures of spread**

**17 MAY**

**Correlations**

**24 MAY**

**Wrap-up & reflecting on the course**

**31 MAY**

**Closing date for (re-)submissions**

This course will require you to work on the units week by week. At the end of each week, after the Q&A Session for the respective unit, you will be tasked to submit your assignments so that we can correct them and give you a timely feedback. This course will require about five hours of self-directed work plus one hour for the Zoom session per week.



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