

Outline of the "GeoTraining" digital summer school concept for 2021.

The digital summer school event's duration is six weeks. It begins in the 35th CW and ends in the 40th CW. The individual online modules' workload varies from 12 to 18 hours (1 h of work = 1 ePoint). To facilitate a way of work flexible as to time and place for the scholarship holders (e.g., at university, at home, in co-working spaces), asynchronous teaching/learning formats will dominate. At the same time, synchronous elements, such as videoconferences and chats, are applied.

The learning platform Moodle is used to organize the teaching/learning formats and to coordinate participants. Videoconferences are held on Zoom, which is available at Goethe University due to a corresponding license. The following figure shows the structure of the digital GeoTraining.

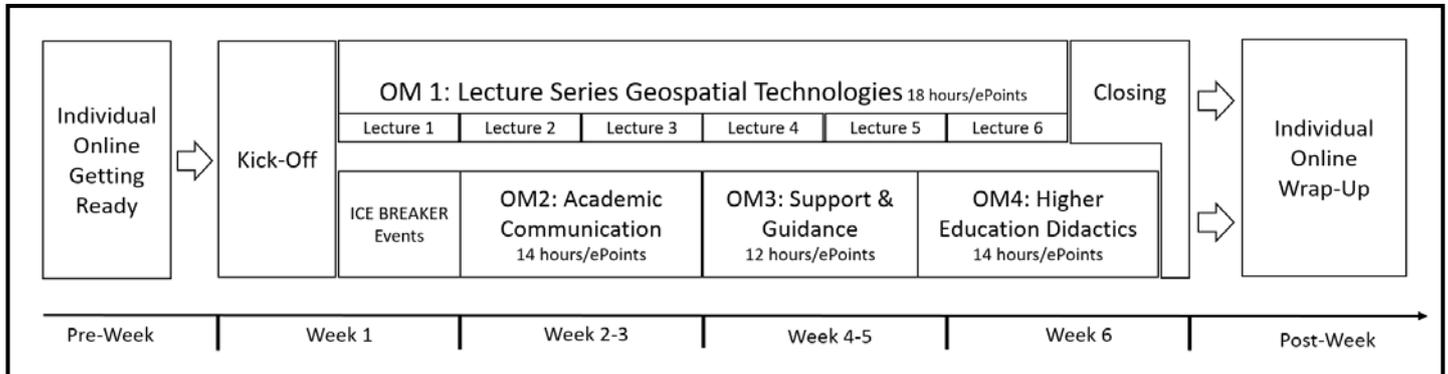


Figure 1: Contents and sequence of the GeoTraining 2021 training programme (OM = online-module)

Individual Online Getting Ready

During this phase of "online-socialization" with the Moodle learning environment, scholarship holders are supported by web-tutors available on-demand.

Kick-Off

The Kick-Off constitutes the official beginning of the digital summer school and consists of three parts (30-minute informal get-together / 45-minute formal introduction / 30-minute getting-to-know-each-other) altogether with two Ice-Breaker events.

OM 1: Lecture Series Geospatial Technologies (18 ePoints), Weeks 1-6

Learning formats are one-hour online presentations (Zoom) that participants can follow each week over the course of the summer school. The presentations cover a wide range of central technological, methodological and societal aspects of current developments in the field of digital geomeia that are illustrated through short examples and discussed subsequently. Additionally, participants have the opportunity to receive individual feedback from a colleague ("critical friend") regarding the method set of their scientific qualification papers. For this, participants can submit the abstracts of their research papers on Moodle after the fourth lecture (approx. three pages following a template).

OM 2: Academic Communication (14 ePoints), Weeks 2-3

Synchronous and asynchronous learning setting. Synchronous communication (videoconferences on Zoom) is used for interactions (e.g., questions and discussions). Asynchronous communication is the case during times that scholarship holders work on material provided on Moodle.

OM 3: Support and Guidance (12 ePoints), Weeks 4-5

Synchronous and asynchronous learning setting. Besides content knowledge, all scholarship holders are counseled by mentors (experienced African professors) in individual video conferencing regarding their future academic career planning.

OM 4: Higher Education Didactics (14 ePoints), Week 5-6

Synchronous and asynchronous learning setting. Self-paced learning content is provided through screencasts (asynchronous format), supplemented with short tasks, self-assessments, and key-readings. There are additional synchronous learning situations for questions and answers.

Closing and individual Online Wrap-Up

The Closing session constitutes the end of the digital summer school. A pointed emphasis of the whole event and an open feedback round is planned. Simultaneously, the evaluation of the advanced training programme takes place. Digital certifications are presented and subsequently contributed via e-mail. During the individual Online "Wrap-Up", scholarship holders are supported by web-tutors available on-demand.