

Upcoming courses in professional practice and thematic cartography

Below is a summary of upcoming courses presented by CGIS at UP, full details are in the attached documents. The lecture series and Honours module (GIS 707) in Thematic cartography are presented by Prof Schaab, a visiting professor from Germany with much experience in the field. This is a special opportunity to learn from an international expert. If you have any questions, please contact Prof Serena Coetzee (serena.coetzee@up.ac.za).

1. GISc professional practice

- * The GIS Professional Practice distance learning course covers professionalism and professional ethics topics prescribed in the academic framework of the South African Geomatics Council (SAGC), as well as legislation specified by SAGC for GISc practitioners in the law exam syllabus.
- * The course is presented during the second semester with two compulsory workshops of at least 25 contact hours in total.
- * Delegates who pass the six assignments and the three-hour written exam will receive a certificate of successful completion from the University of Pretoria.
- * The course is suitable for anyone who wants to register with the South African Geomatics Council and whose qualifications do not include any topics on ethics and professionalism.
- * Prospective delegates should have a relevant post-matric qualification in Geomatics or a related field (e.g. geography, GISc, surveying) that is aligned with GISc professional registration.

Dates: 12 July (Introductory day), 13–15 Sept 2017 (Workshop 1), 19–20 Oct 2017 (Workshop 2), November (exam, date to be confirmed)
Course fee: R 11 130.00 per delegate (VAT incl.)

For registration and quotes, contact Ms Nicholin Mboane, Tel: [+27 \(0\)12 434 2555](tel:+270124342555), nicholin.mboane@enterprises.up.ac.za

2. Thematic cartography (lecture series)

- * The Thematic Cartography short course comprises a number of lectures that outline how map making is not just about generating maps in the most obvious ways, but explains how to choose the map best-suited for the data from a wide range of options, while also attracting potential map readers through the map's design. The lectures cover the most essential concepts of thematic cartography as well as less-known advanced cartographic ways of representing complex statistical data.
- * The course is presented by Prof. Dr. Gertrud Schaab from the Faculty of Information Management and Media at the Karlsruhe University of Applied Sciences in Germany. She specialises in thematic cartography, spatial visualisation, map compilation and design, geospatial analysis, and geography. Prof Schaab has more than 20 years of experience in cartography and visualisation, working in industry, research and academia.
- * Delegates who attend all the lectures will receive 2 SAGC CPD points (event UNI 425).
- * The course is suitable for anyone who wants to publish maps.
- * Prospective delegates should have a relevant post-matric qualification.

Dates: 10 August (all day), 14 August (morning), 15 August (all day)
Course fee: R2 000.00 per delegate (VAT incl.)

For registration and quotes, contact Ms Nicholin Mboane, Tel: [+27 \(0\)12 434 2555](tel:+270124342555), nicholin.mboane@enterprises.up.ac.za

3. GIS 707, Special topics: Thematic Cartography (2017)

- * Participants will learn how to visualize statistical data correctly in appropriate and attractive maps. The course further aims at sensitizing those becoming experts in geodata processing for the need and value of allotting time for meaningful and appealing

maps. It comprises two weeks of lectures and practicals on campus, followed by a project, written assignment and a three hour written exam.

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* This is an Honours module, presented as a block course during two weeks in August 2017. Delegates will register with UP for the module for non-degree purposes and receive an academic transcript upon completion of the module.

* The course is suitable for anyone who needs additional credits in the Cartography and Visualization knowledge area towards registration with the South African Geomatics Council.

* Prospective delegates should have a relevant BSc or equivalent degree.

Dates: 7 August - 18 August (lectures), August and September (exam, project and assignment, dates to be confirmed)

Course fee: R3,530 per delegate

For registration and quotes, contact Prof Serena Coetzee, Tel: [+27 \(0\)82 464 4294](tel:+270824644294), serena.coetzee@up.ac.za