



University of Pretoria Yearbook 2019

Cartography 110 (GMC 110)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module content	History, present and future of cartography. Introductory geodesy: shape of the earth, graticule and grids, datum definition, elementary map projection theory, spherical calculations. Representation of geographical data on maps: Cartographic design, cartographic abstraction, levels of measurement and visual variables. Semiotics for cartography: signs, sign systems, map semantics and syntactics, explicit and implicit meaning of maps (map pragmatics).
Module credits	10.00
Programmes	BSc Computer Science BSc Information and Knowledge Systems BSc Extended programme - Physical Sciences BSc Geography BSc Geoinformatics BSc Meteorology
Service modules	Faculty of Engineering, Built Environment and Information Technology
Prerequisites	No prerequisites.
Contact time	3 lectures per week, 1 practical per week
Language of tuition	Module is presented in English
Department	Geography Geoinformatics and Meteorology
Period of presentation	Semester 2

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