



University of Pretoria Yearbook 2016

Cartography 110 (GMC 110)

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| 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 | 12.00 |
| Programmes | BSc Information Technology Information and Knowledge Systems BSc Applied Mathematics BSc Chemistry BSc Extended programme - Physical Sciences BSc Geography BSc Geoinformatics BSc Meteorology BSc Physics |
| 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 | Double Medium |
| Academic organisation | Geography, Geoinf + Meteor |
| Period of presentation | Semester 1 |

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