



University of Pretoria Yearbook 2016

Exploring the universe 164 (SCI 164)

Qualification	Undergraduate
Faculty	Faculty of Natural and Agricultural Sciences
Module credits	16.00
Programmes	BSc Chemistry BSc Extended programme - Physical Sciences BSc Geography BSc Geology BSc Meteorology BSc Physics
Prerequisites	Prohibited combination SCI 154
Language of tuition	Afrikaans
Academic organisation	Physics
Period of presentation	Semester 2

Module content

*This module is presented in Afrikaans only. See SCI 154 for a summary of the module content. The content of this module is the same as SCI 154 and students are not allowed to register for both SCI 154 and SCI 164. Studente uit alle fakulteite is welkom om saam met ons die heelal vanuit 'n aardgebonde perspektief te verken. Ons besin oor die ganse kosmos van die submikroskopiese tot die asemrowende, uitgestrekte makroskopiese en die mens se beskeie posisie daarin. Tot watter mate bepaal sterre ons lewensgeluk? Eggo's van antieke uitspansels – die sterrekunde van vervloë beskawings. Die heelal word gebore met 'n knal. Sterre, die Melkweg en planete word gevorm. Lewe word in die aardse landskap geplaas, maar is daar lewe elders? Die agitektuur van die heelal – afstandmetings, struktuur van ons sonnestelsel en sterrestelsels. Hoe lyk ons buurplanete? Komete en meteoriete. Lewensiklusse van sterre. Ontploffende sterre. Eksotiese voorwerpe soos pulsare en swart gate.

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