

# University of Pretoria Yearbook 2021

## Radio astrophysics 720 (PHY 720)

<b>Qualification</b>	Postgraduate
<b>Faculty</b>	<a href="#">Faculty of Natural and Agricultural Sciences</a>
<b>Module credits</b>	10.00
<b>NQF Level</b>	08
<b>Prerequisites</b>	Completion of the core components of the BScHons
<b>Contact time</b>	2 lectures per week
<b>Language of tuition</b>	Module is presented in English
<b>Department</b>	Physics
<b>Period of presentation</b>	Semester 2

### Module content

Goals and techniques of modern radio astronomy, studies of galaxies and interstellar medium, radiation mechanisms, neutral hydrogen, astro-chemistry, masers, supernovae, pulsars and transient phenomena, high red-shift universe, quasars. Radio receivers and techniques.

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