The field plate of the Hector instrument

2021 Physics Honours Student

Charlie Sharpe

clusters. There is no other subject that
systems, galaxies and entire galaxy
the formation and evolution of solar
Universe's exponential expansion to
This ranges from studying the
• Astronomy research in your degree
• Is there life beyond the Solar System?
•Tackle a substantial year-long astrophysics research project as the
Focusing on unsolved problems in astrophysics, many students end
Tackle a substantial year-long astrophysics research project as the
PHYSICS HONOURS*
You get to present your results in a scientific seminar and report.
You'll work in a project group for around 4 hours per week to
develop a thesis work.
PHYS2923 Astrophysics and Relativity (SSP)
PHYS2922 Physics 2B (SSP)
PHYS2921 Physics 2A (SSP)
SECOND YEAR PHYSICS
• Work on an astrophysics research project with a small group
• Is there life beyond the Solar System?
• Focusing on unsolved problems in astrophysics, many students end
PHYS1904 Physics 1B (SSP)
FIRST YEAR PHYSICS
• Follow the Bachelor of Science (BS) program, which includes a Physics Major plus additional units
• You can do astronomy research within a Physics Major, as part of
PHYS3888 Physics Interdisciplinary Project (SSP)
THIRD YEAR PHYSICS
• The Australian National University (ANU) offers a range of courses in astronomy at the bachelor level.
• The study of astrophysics involves exploring an area of study in greater depth. In both of these, students
Program, which includes a Physics Major plus additional units
PHYS3999 Science Dalyell Individual Research Project
PHYS3991 Science Dalyell Individual Research Project
PHYS4122 Astrophysics and Space Science
PHYS2014/2914 General Relativity and Cosmology
OL ET1636

Other Opportunities to Study Astronomy

• Maria Djuric is an astrophysicist at the University of Texas at Austin. She studies the dynamics of galaxies and the formation of black holes.
• Dan Huber is a professor of astronomy at the University of Toronto. He specializes in the study of exoplanets and the stars that host them.
• Tim Bedding is a professor of astronomy at the University of Warwick. He focuses on the study of solar flares and solar activity, and examines how they affect the formation of planets in our solar system.
• Elaine Sadler is an expert in the field of astrophysics and cosmology. She studies the coevolution of galaxies and the early universe, and is particularly interested in the formation of black holes.
• John O'Byrne is a professor of astronomy at the University of Melbourne. He specializes in the study of the Milky Way and the supermassive black holes at its center.
• Sergio Leon-Saval is a professor of astronomy at the University of California, Berkeley. He focuses on the study of active galactic nuclei and the role of cosmic rays in galaxy evolution.
• Don Melrose is a professor of astronomy at the University of Washington. He studies the fundamental properties of galaxies, and is particularly interested in the role of dark matter.
• Helen Johnston is a professor of astronomy at the University of British Columbia. She focuses on the study of the Milky Way and the supermassive black holes at its center.
• Tara Murphy is a professor of astronomy at the University of California, Los Angeles. She specializes in the study of the centres of galaxies and the role of supermassive black holes in galaxy evolution.
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