

Physics

Study Away Opportunities

Australia - University of Newcastle

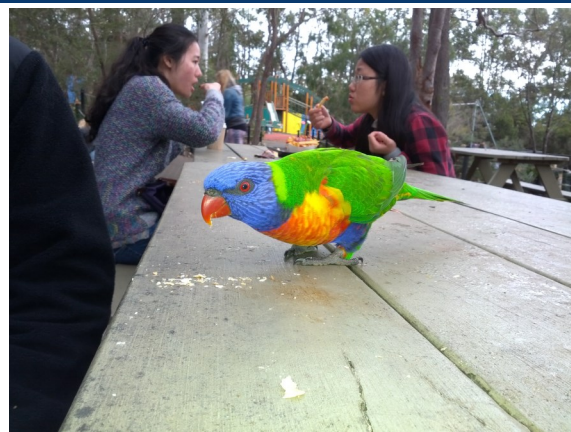
City: Newcastle

Language: English

UON boasts world-class research in space physics and excellent teaching experiences. The old city of Newcastle on the Australian coastline is situated between the beach and the bush, and offers great outdoor activities.

Sample Classes:

- Atomic and Nuclear Physics
- Optical Fiber Technology
- Optical Communications
- Quantum, Atomic, and Molecular Physics



Lorikeet Lunch, Megan Lemmo '16



Roundhay Park, Trey Mathews

England - University of Leeds

City: Leeds

Language: English

Around 30,000 students attend University of Leeds, which specializes in physical sciences and languages. It also leads the way in nanotechnology research. Leeds is a welcoming city, with an active university population and plenty of cultural activities.

Sample Classes:

- Condensed Matter Physics
- Polymer Physics
- Theoretical Physics
- Quantum Information Science

Taiwan; National Chiao Tung University

City: Hsinchu

Language: Chinese, English

NCTU's increasingly internationalized campus has attracted students and professors from around the world. NCTU specializes in Applied Chemistry, Business and Management, Computer Science and Electrical Engineering. The campus is located in the heart of Taiwan's "Silicon Valley."

Sample Classes:

- Thermodynamics
- Applied Mechanics
- Gas Turbine Cooling Technology
- General Physics



New Zealand - University of Otago (BCA)

City: Dunedin

Language: *English*

University of Otago, New Zealand's oldest university, is located in Dunedin. Flexible programs of study and research-based experience are some main draws.

Students can experience the natural beauty of both the ocean and the famous New Zealand countryside.

Sample Classes:

- Electromagnetism and Optics
- Linear Algebra
- Quantum, Atomic and Particle Physics
- Quantum and Thermal Physics



Trip to Milford Sound, taken by Jack Whitehead '11



New Zealand - The University of Waikato

City: *Hamilton*

Language: *English*

The University of Waikato is set on a stunning 160 acre campus in Hamilton—New Zealand's fourth largest city. International students make up about 20% of the campus population. Waikato specializes in Cultural Anthropology, challenge students to reimagine their assumptions about their own societies and cultures and develop a toolkit to critically understand their changing world. Forest parks, lakes, thermal pools, and limestone caves can be found all over the region.

Sample Classes:

- Quantum and Solid State Physics
- Materials 1
- Foundations of Engineering

France - L'Université Catholique de Lille

City: *Lille*

Language: *French*

Even though it is the largest private university in France, the professors emphasize a group based, interactive classroom. Scientific courses practical skills. Lille is close to several historic WWI battlefields and only an hour from Paris.

Sample Classes:

- Practical Physics
- Differential and Integral Calculus in Space
- Physics of Surface Waters Module
- Physics of Semiconductors and (Opto)-Electronic devices



La Petite Venise, taken by Alexandra Baes '14

Study Abroad 101 Info Sessions are held Wednesdays at 4pm @ the Oller Center Patio

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