These postgraduate degrees have been designed for the growing and widespread demand for professionals in photonic engineering and development. These courses provide training and in-depth knowledge in the theory and application of photonics, imaging and optical science.

Prepare yourself for an exciting career at the forefront of technology in:
- telecommunications
- scientific or astronomical instrumentation
- mineral exploration
- advanced manufacturing technologies
- defence

You will gain a strong knowledge and understanding of optical and photonic technologies, and receive intensive practical training.

The University of Sydney has an international reputation for research excellence in photonics, astronomy and quantum optics. Courses draw on expertise from the Schools of Physics and Electrical Engineering, and from the Electron Microscope Unit.

The University is the headquarters for the ARC Centre of Excellence in Ultrahigh bandwidth Devices for Optical Systems (CUDOS) and has state of the art experimental laboratories for student research projects.

The University is in the centre of Sydney, one of the world’s great cities with beaches, nightlife and superb weather.