

PHYSICS AND ASTRONOMY

Where will your postgraduate degree take you?

BELOW IS AN OVERVIEW OF THE KINDS OF EMPLOYMENT SECTORS, ORGANISATIONS AND PROFESSIONS THAT RECENT PHYSICS AND ASTRONOMY POSTGRADUATES HAVE ENTERED, BASED ON RESPONSES TO 'DESTINATIONS OF LEAVERS' SURVEYS CONDUCTED SIX MONTHS AFTER GRADUATION.

Range of employment sectors

- Administration of the state
- Aerospace industry
- Architectural and engineering activities and related technical consultancy
- Computer consultancy activities
- Electric power generation, transmission and distribution
- Engineering activities and related technical consultancy
- Higher education
- Hospital activities
- Human health activities
- Legal activities
- Manufacture of motor vehicles
- Manufacture of weapons and ammunition
- Production of electricity
- Research and experimental development on natural sciences and engineering
- Technical testing and analysis

Range of employers

- Amec NNC (engineering and consultancy)
- Amey
- Atkins

- CERN
- Christie NHS Foundation Trust
- Defence Science and Technology Laboratory
- Deloitte
- EDF Energy
- Frazer-Nash Consultancy
- Harrow School
- Health Protection Agency
- KPMG LLP
- Magnox (electricity generation)
- Max Planck Institute
- NASA – Goddard Space Flight Centre
- National Health Service
- Nuclear Technologies
- Office For National Statistics
- Parsons Brinckerhoff Ltd (engineering and construction management)
- Qinetiq
- Rolls-Royce PLC
- University of Birmingham
- University of Oxford

Range of occupations

- Accountant
- Consultant
- Engineer
- Graduate Scientist
- Nuclear Engineer
- Patent Attorney
- Physicist
- Postdoctoral Researcher
- Research Associate
- Research Fellow
- Scientific Director
- Senior Environmental Consultant
- Software Developer
- Teacher of Physics
- Technologist
- Thermofluids Engineer
- Trainee Clinical Scientist



'Choosing to continue to postgraduate level has not only satisfied my intellectual curiosity but has also provided me with the opportunity to undertake practical experience in a job in this field. This combination of study and practical experience is what has made this experience invaluable to me. The course is connected to future jobs and helps open your mind to opportunities previously unknown or not considered viable. No other comparable degree offers the diversity of industry relevant knowledge as this one.'

Weekly talks from previous PTNR students provided a key insight into where my degree could take me. Over the summer a 14 week placement in industry is part of my course. During a summer 14 week industry placement I had hands on experience solving real world problems. All of the skills: time management, problem solving, etc, are skills that employers value highly, and industry experience is invaluable when applying for a job.'

DANIEL SPROSTON, MSc Physics and Technology of Nuclear Reactors alumnus

