

Subject areas

Postgraduate Physics and Astronomy courses



Physics and Astronomy

Our world-leading academics have been at the centre of incredible discoveries such as the Higgs boson, gravitational waves and Earth-sized temperate planets beyond the Solar system.

Why study Physics and Astronomy at Birmingham?

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Our research portfolio is wide-ranging and covers three principal themes: Particle and Nuclear Physics; Quantum Matter and Nanoscale Science; and Astronomy.

Physics and Astronomy PhD / MSc (Res)

Our research portfolio is wide-ranging, and covers three principal themes: Particle and

Nuclear Physics; Quantum Matter and Nanoscale Science; and Astronomy and Experimental Gravity.

Nuclear Decommissioning and Waste Management MSc / PGDip

This Nuclear Decommissioning and Waste Management Masters programme is for students with a science-based background who are interested in a career in the nuclear industry.

Physics and Technology of Nuclear Reactors MSc

Advance your career in the nuclear industry with our comprehensive course in reactor physics. Study radiation transport, reactor systems, and fusion. Hands-on experience with field trips and projects.

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Our Space Engineering Masters course provides the skills and knowledge you need to enhance your career prospects in this growing sector.

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