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Postgraduate Materials Science and Engineering courses



Materials Engineering

Study Materials Science and Engineering at our major research centre and you will develop the skills to enter a wide variety of industries or progress in academia.

Why study Materials Science and Engineering at Birmingham?

Materials underpin almost all industrial sectors. Global challenges are driving demand for new materials and an increasing need for materials engineers and researchers.

Our programmes equip you with knowledge, concepts and research skills in advanced materials using world-leading and unique facilities. You will also benefit from our strong collaborations with industry leaders.

Materials in Fusion Energy MRes

This Materials in Fusion Energy MRes (MRes) programme comprises a major research

project, which can be based in the University or in industry, and six taught modules. [Learn more.](#)

Materials Science and Engineering MSc

This innovative Materials Science and Engineering Masters programme offers graduates excellent career prospects in a broad field of mechanical engineering-related industries.

Metallurgy and Materials PhD / MSc (Res)

Your Metallurgy and Materials PhD/MSc by Research programme is guided by our world-leading academic staff in a supportive environment. [Learn more.](#)

Science and Engineering of Materials MRes

This Science and Engineering of Materials Master of Research (MRes) programme comprises a major research project, which can be based in the University or in industry, and six taught modules.

Space Engineering MSc

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

Sustainable Materials MSc / PGDip / PGCert

Sustainable materials development is both an evolving scientific discipline and global need. Join a cutting edge course of study and join scientists tackling the world's most critical challenges.



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