

PSG Institute of Advanced Studies, Coimbatore

Masters program in Advanced Materials Science and Engineering from Loughborough University (LU)

PSG Institute of Advanced Studies (PSG IAS) is offering a pre-masters course for admission to Masters degree (one year) in Advanced Materials Science and Engineering from Loughborough University (LU) UK. This pre-masters course supplements the core knowledge on materials science and engineering which helps to do MSc in Material Science and Engineering. The knowledge gained through this course can be applied to a range of careers including automotive, aerospace, energy, consumer goods and medical devices, prosthetics and implants.

Key advantages



Provides a strong foundation through fundamentals, experimentation and mini project in Materials Science suitably reinforcing the knowledge of the curriculum in LU for candidates from diverse science and engineering

Direct admission at LU (avoiding several scrutiny steps) with possibilities of scholarships.

Course prerequisites:

60% in Bachelors degree in relevant subjects: BSc in Physics, Chemistry, Nanoscience, Applied Science and Materials Science. B E / BTech in Mechanical, Automobile, Manufacturing, Production, Metallurgy and Materials Science Engineering.

Course Highlights

Total duration of the course: 18 months (3+3 months at PSG IAS and 12 months at LU)

Jan to March – Pre Masters course at PSG IAS with three hours of course work on Fundamentals of Materials Science, Thin film Science and Technology and Physicochemical approaches to Nanomaterials and 4 hours of laboratory work on essentials of nanomaterial synthesis, characterization and analysis

April to June - Mini project.

Assessment criteria to get admission to LU: At least 65% in course work and a thesis submission on the mini project. Students who do not qualify will get a certificate of internship from PSG IAS.

Sept / Oct to Aug / Sept : Master's studies at LU UK.

Proficiency in English: More than 75% marks in English in standard XII of CBSE, ICSE board or more than 80% for other state board examinations (Andhra, Goa, Karnataka, Kerala, Maharashtra, Tamilnadu, West Bengal) or IELTS score more than 6.5 overall with more than 6.0 in each individual element. The English language requirements are available at:

<https://www.lboro.ac.uk/international/apply/english-language-requirements/>

Course fees:

PSG IAS- Rs 99,120 (including GST)

LU- As decided by the University (Approx. GBP 28,750 for the 2024-25 academic year with a possibility of a 20% bursary or 25% scholarship depending on the results of the Pre Masters course at PSGIAS)

Course outcome: Gain valuable skills which can be translated into multiple careers in a range of sectors, including aerospace, automotive, biomedical, energy and sustainability, consumer goods and sports. Recent graduates have been appointed as

Commercial Manager

Project Administrator

Materials Engineer

Project Engineer...etc

Post study work Visa:

2 years graduate visa at UK upon successful completion of the course and stay for 12 months as per UK Govt. guidelines. The guidelines are available at:

<https://www.gov.uk/graduate-visa>

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