

# Metallurgical, Materials and Biomedical Engineering

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Graduate students in Metallurgical, Materials and Biomedical Engineering are involved with academic studies and research programs that focus on understanding the structure, properties, processing, and performance of materials, including the development of new or improved materials and advanced processing methods. These are the critical links between the design and the realization of new materials systems. Materials and materials limitations pervade all of the engineering and high technology fields that are an integral part of our society and its economic infrastructure. The challenges and opportunities for graduates in metallurgical and materials engineering are certainly exciting and exceptional.

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## Programs

### Master of Science

- M.S. in Biomedical Engineering (<http://catalog.utep.edu/grad/college-of-engineering/metallurgical-materials-engineering/20biomedical-engineering-ms/>)
- M.S. in Metallurgical and Materials Engineering (<http://catalog.utep.edu/grad/college-of-engineering/metallurgical-materials-engineering/metallurgical-materials-engineering-ms/>)

### Doctor of Philosophy

- Ph.D. in Biomedical Engineering (<http://catalog.utep.edu/grad/college-of-engineering/metallurgical-materials-engineering/20biomedical-engineering-phd/>)
- Ph.D. in Materials Science and Engineering (Interdisciplinary) (<http://catalog.utep.edu/grad/college-of-engineering/metallurgical-materials-engineering/materials-science-engineering-phd/>)

### Graduate Certificate

- Graduate Certificate in Nanotechnology in Materials Development ([http://catalog.utep.edu/grad/college-of-engineering/metallurgical-materials-engineering/grad\\_cert\\_nanotechnology\\_materials\\_development/](http://catalog.utep.edu/grad/college-of-engineering/metallurgical-materials-engineering/grad_cert_nanotechnology_materials_development/))

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