

Nuclear Materials Focus Area

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**Materials
Science
Requirements**

Required Six Materials Science Core Classes*
MLGN500 Processing, Microstructure, and Properties of Materials
MLGN512/MTGN412 Ceramic Engineering
MLGN531/CHEN416 Introduction to Polymer Engineering
MLGN501/CHGEN580 Structure of Materials
MLGN504/MTGN555 Solid State Thermodynamics
or CHEN509 Advanced Chemical Engineering Thermodynamics
MLGN511 - Kinetic Fundamentals in Materials or MTGN 548
Transformations in Metals or MTGN556/MLGN 506 Transport in Solids

*Transfer credit
can be approved
by the Graduate
Affairs Council.

**Focus Area
Requirements**

