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## Materials Engineering Emphasis - Upper Division Elective Requirements

### Core Requirements - 4 units

MASC 310 Materials Behavior & Processing

### Select three of the following electives - 12 units

CHEM 452: Advanced Inorganic Chemistry

CHE 475: Physical Properties of Polymers

MASC 350L: Nanostructured Materials

MASC 483: Machine Learning for Materials

MASC 455: Atomistic Simulations

MASC 334L: Mechanical Behavior of Materials

MASC 471: Applied Quantum Mechanics for  
Engineers

BME 410L: Biomaterials and Tissue Engineering

PHYS 304: Mechanics

CHEM 455: Chemical Nanotechnology

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This is a copy of a plan you created with your advisor. Go to Advise USC to refer to the plan and any related advising notes.