

Summer 2006
NEW COURSE OFFERED at AUBURN

NANOMATERIALS FOR BIOTECHNOLOGY

MATL 7630: **Currently listed as MATL 7970-001**

Do you want to have cool summer exploring
the emerging new field of NanoBiotech?

Nanostructured Biomolecules
Biomicroarrays
 DNA Chip, peptide chip, protein chip
Quantum Dots
 Biomedical Imaging
Polymer Nanoparticles
Biomolecular NanoElectronics
Basic Biotechnology

Nanotechnology Tools
 SPM : AFM & STM
 NEMS/MEMS
 Nano/Microfluidics

Carbon Nanotube and Biotechnology
Nanomaterials and Biomedical Engineering
 and more hot topics...

This course is designed to provide basic understanding
of nanomaterials for and from Biotechnology as well as
practical applications in the interdisciplinary fields of
Materials Engineering, Chemical Engineering, Electrical
Engineering, and Biotechnology/Medicine.

**Open to:
All Science and Engineering Majors!!!**

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