

# NANO3301 - Introduction to Nanoscience and Nanotechnology

[NANO 3301](#) Introduction to Nanoscience and Nanotechnology (3 semester hours) Introduction to the underlying principles and applications of the emerging field of nanotechnology and nanoscience. Intended for a multidisciplinary audience with a variety of backgrounds. Introduces tools and principles relevant at the nanoscale dimension. Discusses current and future nanotechnology applications in engineering, materials, physics, chemistry, biology, electronics, and energy. Prerequisites: [CHEM 1311](#), [MATH 2419](#) or [MATH 2415](#), [PHYS 2326](#) or instructor consent required. (Same as [ECS 3301](#)) (3-0) Y