

CHEM4342 - Nanomedicine: Fundamentals and Applications

[CHEM 4342](#) Nanomedicine: Fundamentals and Applications (3 semester credit hours) Integration of nanotechnology and medicines is revolutionizing disease diagnosis and treatment. In this course, we will discuss nano-bio interactions and transport at the cellular and animal levels and how to use these interactions and transport to address long-standing challenges in cancer and other diseases. Prerequisites: ([CHEM 2323](#) or [CHEM 2327](#)) and [CHEM 3472](#). (3-0) R