

**A – MINOR REQUIREMENTS – 18 HOURS (18 advanced)**

*This minor is suitable for STEM students who wish to have a general introduction to applications of physics. Minor criteria: completion of MATH 2414 Calculus II (or MATH 2488 Honors) and PHYS 2426 Physics for Scientists and Engineers II. NOTE: Any other nanotechnology-related science courses can be taken after getting approval from the academic advisor.*

**1 – Nanotechnology Core – 12 hours (12 advanced)**

PHYS 3308 Introduction to Nanoscience  
PHYS 4301 Introduction to Bio-Nanotechnology  
PHYS 4302 Nano Optics  
PHYS 4316 Undergraduate Capstone Design

**2 – Nanotechnology Electives – 6 hours (6 advanced)**

*Choose from:*

PHYS 3307 Introduction Solid State Physic  
BENG 4120 Molecular Bioengineering Lab  
BENG 4320 Molecular Bioengineering  
ENGR 3312 Engineering of Nanomaterials  
ENGR 4311 Nanofabrication and Nanoelectronics