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What Nanophysics is Appropriate in Which Physics Courses? ERIC A. HAGEDORN, MILIJANA SUSKAVCEVIC, FELICIA MANCIU, University of Texas at El Paso — Despite the trendiness of any and all terms with "nano" in them, nanophysics is appearing in college curricula in several ways: as standalone courses, in one strand of a seminar course, or integrated into existing courses. This presentation reviews approaches taken in the US and abroad but then suggests criteria for identifying appropriate nanophysics topics using both the literature and "The Big Ideas of Nanoscience" (Stevens, Sutherland, Schank, & Krajick, 2006). Also discussed are considerations for fitting specific nanophysics topics into traditional physics curricula.

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