

PHYS2421 - Honors Physics I - Mechanics and Heat

[PHYS 2421](#) Honors Physics I - Mechanics and Heat (4 semester credit hours) Calculus-based physics. This class is a more rigorous version of [PHYS 2325](#) with additional topics in thermal physics. Derivations are more general and rely more heavily on calculus and the use of vectors. More challenging problems and applications. Two lectures plus a required recitation session per week. Students will also be registered for an exam section. Prerequisite: [MATH 2413](#) or [MATH 2417](#) with a minimum grade of B+ in either course. Corequisites: ([MATH 2414](#) or [MATH 2419](#)) and ([PHYS 2121](#) or [PHYS 2125](#)). (4-0) Y