

PHYS6371 - Advanced Solid State Physics

[PHYS 6371](#) ([MSEN 6371](#)) Advanced Solid State Physics (3 semester credit hours) Continuation of [MSEN 5371](#) or [PHYS 5371](#), transport properties of semiconductors, ferroelectricity and structural phase transitions, magnetism, superconductivity, quantum devices, surfaces. Prerequisite: [MSEN 5371](#) or [PHYS 5371](#) or equivalent. (3-0) R