

PHYS 70500
Introduction to Condensed Matter Physics
(1 credit)
Graded S/U

- Crystal structure and diffraction
- Binding and cohesive energy
- Phonons and heat capacity
- Free electron gas, electrons, and metals
- Energy bands
- Semiconductors
- Magnetism
- Superconductivity

Level:

- First-year graduate students

Counts as:

- For graduate students: A one-credit course that counts towards the breadth requirement.

Offered: Every spring.