

Special Topics Course (PHYS 575-774):

Magnetism and Magnetic Materials I

This course is open to Graduate and Undergraduate (with a waiver from the Grad school).

(PHYS 575-774): [Magnetism and Magnetic Materials I](#)

This course covers the following basic topics on magnetism: (i) Isolated Magnetic Moments, (ii) Magnetic Environments; (iii) Interactions; (iv) Order and Magnetic Structures; (v) Symmetry; (vi) Magnetism in Metals; and (vii) Competing Interactions/Low Dimensionality.

Other Info:

Credit Hours: Sign up for 3 Credit Hours of Special Topics (PHYS 575-774).

Professor: Dr. Stadler

Time: To be determined (this will be determined during the first week)

Text: *Magnetism in Condensed Matter*, Stephen Blundell ©2001 Oxford, New York, (ISBN: 0 19 850591).

Questions? Email Dr. Stadler at: Sstadler@physics.siu.edu