

## Physics ● Nanotechnology ● Graduate Course

### PHY512

#### *Methods of Theoretical Physics*

#### 3 credits

The in-depth look at the development of the laws of physics in mathematical form. The application of these laws to physical problems and further discussion of the mathematical methods employed in this course.

**Prerequisites: Two semesters of college calculus and 18 credits of undergraduate physics or departmental permission**



This course is eligible for the CRISP RET Scholarship program for educators. Application is available at [crisp.southernct.edu](http://crisp.southernct.edu)

Center for Research on Interface Structures and Phenomena, CRISP is an NSF funded Materials Research Science & Engineering Center, MRSEC

NSF DMR 1119826