

Biophysics of the Cell

PHYS 3451 (open to both UCD and MSU students)

Monday & Wednesday - 10:00-11:50AM

4 credits

Dr. Shepherd

It is an exciting time to be thinking about the inner workings of the world. Historic advances in our understanding of biology at the microscopic level, partially through the use of biophysical techniques such as fluorescence microscopy, have provided an unprecedented window on the mechanics of the living cell. The aim of this course is to study these microscopic processes using tools that blend biology, mathematics, and physics in order to make quantitative and predictive statements about cellular life.

For more information, please feel free to contact Dr. Shepherd at:
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