

## CHAPTER OVERVIEW

### 3: First Law of Thermodynamics

#### *Physical Chemistry: Thermodynamics*

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Thermodynamics is the study of how energy flows into and out of systems and how it flows through the universe. People have been studying thermodynamics for a very long time and have developed the field a great deal, including the incorporation of high-level mathematics into the process. Many of the relationships may look cumbersome or complicated, but they are always describing the same basic thing: the flow of energy through the universe.

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