

## CHAPTER OVERVIEW

### 1: Biochemical Thermodynamics

- 1.1: Thermodynamic Variables and Equations of State
- 1.2: The First Law of Thermodynamics
- 1.3: Thermochemistry
- 1.4: The Second Law of Thermodynamics
- 1.5: The Boltzmann Distribution and the Statistical Definition of Entropy
- 1.6: The Gibbs and Helmholtz Energy
- 1.7: Equilibria in Biochemical Systems

---

This page titled [1: Biochemical Thermodynamics](#) is shared under a [CC BY-NC-SA 4.0](#) license and was authored, remixed, and/or curated by [Serge L. Smirnov](#) and [James McCarty](#).