

CHAPTER OVERVIEW

9: Gibbs Free Energy

In this chapter, we will concentrate on chemical processes that happen at constant T and constant P .¹ As such, we will focus our attention on the Gibbs free energy.

-
1. The majority of chemical reactions in a lab happens at those conditions, and all biological functions happen at those conditions as well.

[9.1: Gibbs Equation](#)

[9.2: Temperature Dependence of \$\Delta G\$](#)

[9.3: Pressure Dependence of \$\Delta G\$](#)

[9.4: Composition Dependence of \$\Delta G\$](#)

This page titled [9: Gibbs Free Energy](#) is shared under a [CC BY-SA 4.0](#) license and was authored, remixed, and/or curated by [Roberto Peverati](#) via [source content](#) that was edited to the style and standards of the LibreTexts platform.