Book: Biology (Kimball)

- Front Matter

- Unit 1: The Chemical Basis of Life
Unit 2: The Molecules of Life

• Unit 3: The Cellular Basis of Life

\[
\text{ethanol} \quad \begin{align*}
2 & \text{C}_2 \\
\rightarrow & \text{2NAD}^+ \\
\rightarrow & \text{2NADH} + \text{H}^+ \\
\rightarrow & \text{2C}_2 \\
\rightarrow & \text{2C}_1 \\
\rightarrow & \text{2C}_3 \\
\end{align*}
\]

• Unit 4: Cell Metabolism

• Unit 5: DNA
Unit 6: Gene Expression

Unit 7: Cell Division

Unit 8: The Genetic Consequences of Meiosis

Unit 9: Regulation of Gene Expression
Unit 10: Mutation

- Unit 11: Genomics

- Unit 12: Cancer

- Unit 13: Aging
Unit 14: Embryonic Development and its Regulation

Unit 15: The Anatomy and Physiology of Animals

Unit 16: The Anatomy and Physiology of Plants

Unit 17: Ecology