Biochemistry Lecture Final Exam Song List

You may choose a song from this list for your Part III exam choice. See more details on the course site.

The Ahern Text mentioned here can be found in the Library on the Perusall course site (Biochemistry Free and Easy, 3.0 edition). You can also access a copy [here](https://biochem.oregonstate.edu/undergraduate/educational-resources)

# Enzymes

* [Enzymes: Mr. W's Enzyme Song](https://www.youtube.com/watch?v=NdMVRL4oaUo&t=21s)
* Henderson Hasselbalck (Kevin Ahern) Lyrics on page 20 of course text
* Hemoglobin’s Moving Around, Ahern Text, page 55 [Hemoglobin's Moving Around](https://youtu.be/zBlejQQzvQU?si=6eNh6ahserj7s2bK)
* Enzymes, Ahern Text, page 92

# Lipids and membranes

* [Cell Membranes Rap](https://www.youtube.com/watch?v=Pfu1DE9PK2w)
* [Lipids (I've got the Lipids) - Macromolecule Song 2 of 4](https://www.youtube.com/watch?v=eB793h16R8A)

# Nucleic Acids and DNA Replication

* [DNA Replication Rap](https://www.youtube.com/watch?v=1L8Xb6j7A4w&list=PLn0DCiMMuRy_PpTlpXkMUahSL4aR5AzpN&index=2)
* Around the Nucleus, Ahern text, page 22 [Around the Nucleus](https://youtu.be/WyjgerHNrfU?si=VQXoAtUS-DjeHGVu)
* The Three R’s of DNA, Ahern Text, page 114

# Transcription and Translation

* Central Dogma Zen (part 1), Ahern Text, page 109
* Central Dogma Zen (part 2), Ahern Text, page 138
* The Student’s Guide to a Perfect Transcript, Ahern Text, page 122
* [Protein Synthesis! (Mr. W's Rock Music Video)](https://www.youtube.com/watch?v=JTc18Yh7bSU&list=PLn0DCiMMuRy_PpTlpXkMUahSL4aR5AzpN&index=3)

# Glycolysis and Storage Mechanisms

* [Glycolysis! (Mr. W's Music Video)](https://www.youtube.com/watch?v=EfGlznwfu9U)
* The Sound of Glucose, Ahern Text, page 148
* Gluconeogenesis, Ahern Text, page 151 [Gluconeogenesis](https://youtu.be/9xfX7-y0OxI?si=2s71MHzfieL5Ot8E)

# Citric Acid Cycle

* [Krebs! (Mr. W's Krebs Cycle Song)](https://www.youtube.com/watch?v=JPCs5pn7UNI)

# Electron Transport and Oxidative Phosphorylation

* I’m a Little Mitochondrion - Ahern Text, page 33
* N-A-D - Ahern Text, page 37

# Lipid Metabolism

* When Acids are Synthesized, Ahern text, page 168

# Photosynthesis

* [Photosynthesis: The Light Reactions Song](https://www.youtube.com/watch?v=Q_1mxZdF2TY)
* [Photosynthesis-Calvin Cycle and Cyclic Electron Flow Song](https://www.youtube.com/watch?v=OYSD1jOD1dQ)
* Photosynthesis is Divine, Ahern Text, page 182