

1/14/2020 Preliminaries

- You are in Chem 456 - Computational Biochemistry and Drug Design
- Your instructor is Dr. David Minh
- The course web page is at <https://daveminh.github.io/Chem456/>. Bookmark this on your computer and your phone
- If you care, code for the web page is at <https://github.com/daveminh/Chem456>

Week 1 Module 1

Principles of Structure-Based Drug Design

- This module will consist of a mini-lecture, an interactive structural visualization exercise, and a review
- At the end of this module, you should be able to, at least at a very basic level, answer the following questions:
 - Why is there interest in structure-based drug design?
 - What are the physiological functions of the biological macromolecules targeted by drugs?
 - What are biological macromolecules made of?
 - What does it mean for a biological macromolecule to be folded?
 - How do most drugs interact with their targets?