**CHEM 3811:** Biochemistry-Proteins
**Class times:** 11:00-11:50 am, MWF, Boettcher Center East 209
**Instructor:** Professor Frank Freman
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**Topics covered**

- Biochemistry: cellular context and chemical biology  
  - Chapter 1
- Water and the role of weak non-covalent bonds  
  - Chapter 2
- Amino acids, peptides and proteins  
  - Chapter 3
- Protein structure and folding  
  - Chapter 4
- Protein function, catalytic and structural  
  - Chapter 5
- Mechanisms of enzyme catalysis and regulation  
  - Chapter 6

**Examinations:** Two one hour in-class examinations will be given, each worth 150 points. The final examination is a two hour examination worth 200 points.

- In-class examination 1  
  - Friday, 6 October  
  - Chapters 1-3
- In-class examination 2  
  - Friday, 3 November  
  - Chapters 4,5, ~6
- Final examination  
  - Comprehensive

**“Office hours”** Arrange to see me before or after class on the next class day.