• **CHE 180 - Inorganic Chemistry**
  
  1. Chapter 1 - Electronic Structure of the Atom
  2. Chapter 2 - Periodic Properties of the Elements
  3. Chapter 3 - Covalent Bonding
  4. Chapter 4 - Bonding in Metals
  5. Chapter 5 - Electrostatic Attractions among Ions
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  7. Chapter 7 - Acid-Base Theories
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  10. Chapter 10 - The Transition Metals
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• **CHE 261 - Organic Chemistry I**
  
  1. Organic Structures and Bonding
  2. Acid-Base Chemistry and Charges on Organic Molecules
  3. Naming Organic Compounds
  4. Conformation and Stability
  5. Nuclear Magnetic Resonance
  6. Introduction to Reaction Mechanisms
  7. Stereochemistry
  8. Substitution and Elimination Reactions
  9. Electrophilic Addition Reactions of Alkenes and Alkynes
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