**Ch.2 Biological Molecules Key Vocab/Concepts**

Key ideas:

1. Hydrolysis reaction
2. Condensation reaction
3. Organic molecules/chemistry
4. Monomer
5. Polymer
6. Structure correlates to function

Macromolecules:

1. Carbohydrates
   1. sugar
   2. monosaccharide
   3. disaccharide
   4. polysaccharide
   5. starch
   6. glycogen
   7. cellulose
2. Lipids
   1. glycerol
   2. fatty acid
   3. triglyceride
   4. phospholipid
   5. steroid
   6. hydrophillic
   7. hydrophobic
   8. saturated
   9. unsaturated
3. Protein
   1. amino acid
   2. amine (amino)
   3. carboxylic acid
   4. R-group
   5. peptide bond
   6. polypeptide
   7. primary structure
   8. secondary structure
      1. α-helix
      2. β-sheets
   9. tertiary structure
   10. quaternary structure
   11. globular proteins
   12. fibrous proteins
   13. hemoglobin
   14. collagen
4. Water
   1. Hydrogen bonds
   2. Cohesion

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