

## BIOLOGICAL FRAMEWORKS FOR ENGINEERS

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### Session #2 [nm: Information Handling and the Genetic Code]

#### General Objectives:

- ✓ Discuss structure and function of DNA
- ✓ Information transfer from DNA to the production of proteins is introduced

#### Central Framework:

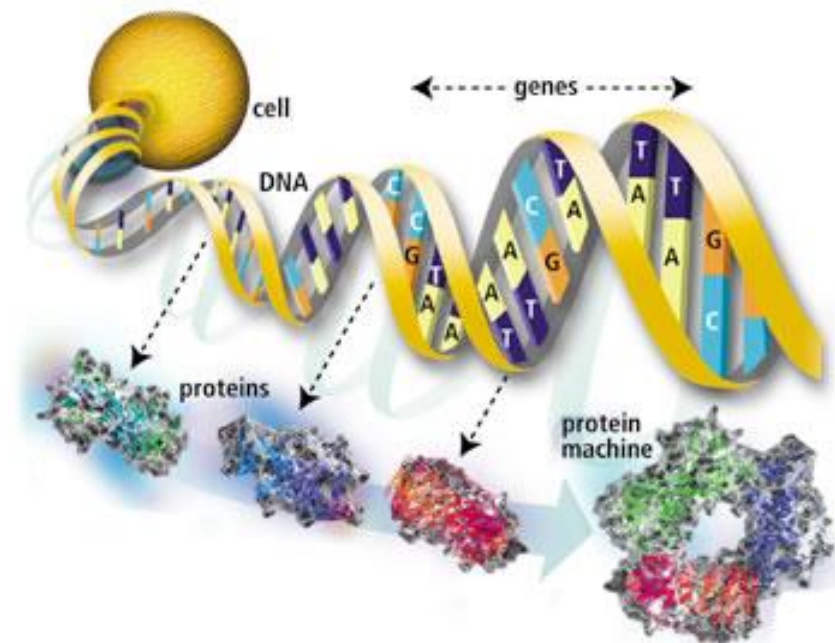
- ✓ DNA is coded instructions which are transcribed into mRNA strands which are in turn translated into proteins.

#### Interactive Activity:

- ✓ Discussion on Biomechanics Topics in Natural History

#### Session Outline:

#### I. What is DNA?



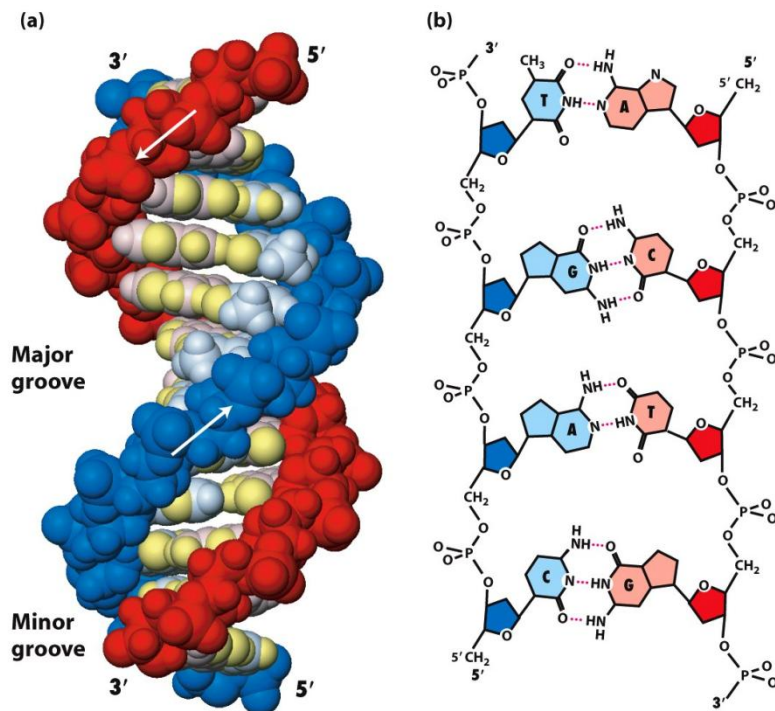
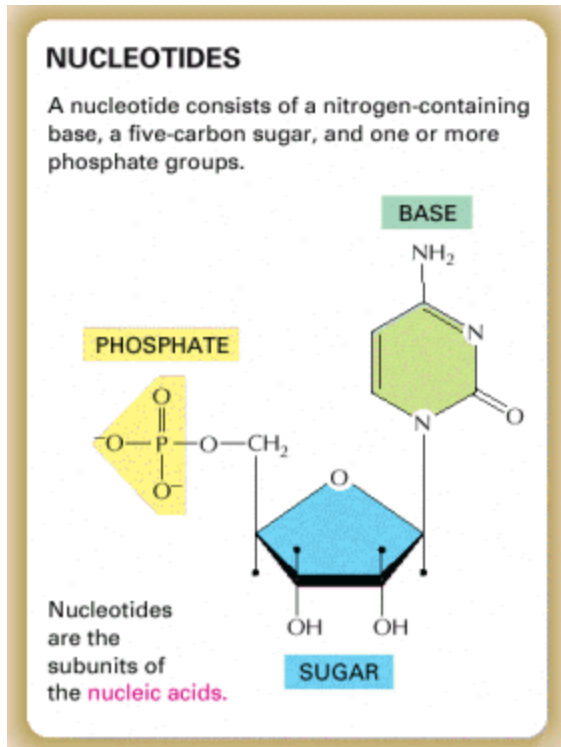


Figure 4-3  
*Molecular Cell Biology, Sixth Edition*  
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