

## Chemistry of Life + Biological Molecules

Organic based compounds = Carbon based compounds

Four Main Biological Molecules:

Carbohydrates (sugars)

Lipids / (fats)

Proteins (building blocks of proteins are amino acids)

Nucleic Acids (nucleotides are building blocks of DNA)

Six essential atoms for life:

CHNOPS

= Carbon, hydrogen, nitrogen, oxygen, phosphorus,  
sulfur