

## CHEM3362 - Biochemistry II

[CHEM 3362](#) Biochemistry II (3 semester credit hours) Breakdown and synthesis of lipids; membrane structure and function; nitrogen metabolism and fixation; nucleotide metabolism; structure and properties of nucleic acids; sequencing and genetic engineering; replication, transcription, and translation; chromosome structure; hormone action; biochemical basis of certain pathological processes. Prerequisite: ([BIOL 3361](#) or [CHEM 3361](#)) or its equivalent, or instructor consent required. Corequisite: [BIOL 3162](#). (Same as [BIOL 3362](#)) (3-0) S