

## 701212 Biochemistry (2)

[2 cr., 1, 2] Continuation of the biochemistry (1) course that will stress the understanding of concepts rather than the memorization of structures or pathways. There will be an emphasis on integrating chemical and biochemical concepts with oral health care and health care in general. A survey of human biochemistry with emphasis on areas of interest to dentists.

**Lab:** General topics: structure-function relationships of macromolecules and cellular organelles, enzymology, the metabolism of fats, carbohydrates, and proteins, biochemical genetics, hormones and metabolic regulation, body fluids and acid-base balance, connective tissues and calcification.