

Organic and Biochemistry for Allied Health Majors, with Lab TCSU CHEM 140

A. Description

An introductory course in organic and biochemistry intended for majors in allied health and other applied sciences (e.g. agriculture, nutrition).

B. Recommended Preparation

None specified

C. Prerequisites

General Chemistry for Allied Health Majors, with Lab or one year of High School Chemistry

D. Minimum Unit Requirement

4 units, including at least 1 unit of laboratory (at least 38 hours of lecture and 38 hours of laboratory)

E. Course Topics

An introduction to the principles of organic and biological chemistry including nomenclature, functional groups, and properties of organic and biological compounds. Applications of organic and biochemistry to living systems. Appropriate for students majoring in allied health and other applied sciences. The laboratory sequence will support the above topics including both qualitative and quantitative experiments, and analysis of data.

F. Student Learning Outcomes

The American Chemical Society (ACS) General-Organic-Biochemistry examinations provide information on topics, goals, and objectives for these courses and indicate an appropriate level for this sequence.