

## BIOCHEMISTRY

Professor: NELSON

Assistant Professor: GARBER

150. BIOLOGICAL CHEMISTRY. Five hours credit. Prerequisites, Inorganic Chemistry (including Qualitative Analysis), and Organic Chemistry. Volumetric Analysis highly recommended. Fee, \$6. Lectures, M. T. W. Th. F., 7:30-9:20; laboratory, T. Th., 9:30-11:20. Nelson, Garber.

151. BIOLOGICAL CHEMISTRY (Quantitative Methods). Three hours credit. Prerequisite, course 150 or its equivalent and Quantitative Analysis. Fee, \$9. M. T. W. Th. F., 9:30-11:20; M. F., 1:30-3:30. Nelson, Garber.

301. RESEARCH IN BIOLOGICAL CHEMISTRY. Two to five hours credit. By appointment. Nelson.

## BOTANY

Professor: MIX

Instructor: DURELL

1. THE LIVING PLANT. Five hours credit. Introduction to plant structures and functions and what plants reveal about the fundamental problems of life and their relation to our welfare. Lectures, demonstrations, laboratory and recitations. Not open to students who have had course 50. Fee, \$2.25. 7:30-10:20. Mix.

61. TREES AND SHRUBS. Three hours credit. The more common trees and shrubs. Their identification and uses in landscape composition. The elements of horticultural practices, including pruning, propagation, and general care. 10:30-11:20. Durell.

153. FUNGI. Three hours credit. Lectures, recitations, and laboratory work on the structure and life histories of fungi. Prerequisites, course 1 or equivalent. Fee, \$2. 11:30-12:20 plus afternoon collecting trips. Mix.

170. BOTANICAL PROBLEMS. Three to five hours credit. Maximum credit for undergraduates, ten hours. An introduction to methods of botanical research. Original investigation in one of the following fields: (a) Morphology of Thallophytes, Bryophytes, or Pteridophytes; (b) Plant Pathology. Prerequisites, 10 hours of botany, including an introductory course in the field of investigation. Fee, \$2. By appointment. Mix.

## CHEMISTRY

Professors: STRATTON, BREWSTER, DAVIDSON, TAFT

3. INORGANIC CHEMISTRY AND QUALITATIVE ANALYSIS. Five hours credit. Lecture, 7:30-8:30; laboratory, 8:30-12:00. Prerequisite, course 2 or 2E. Fee, \$10. Davidson.

49. QUANTITATIVE ANALYSIS. Three hours credit. Prerequisite, course 3 or 3E. Fee, \$8.25. Lecture 11:00-12:00, T. W. Th. F.; laboratory, †8:30-11:00, T. W. Th. F. Taft.

161. GENERAL ORGANIC CHEMISTRY. Five hours credit. Designed to cover the principal topics in the aliphatic and aromatic series. It also fulfills the requirements in organic chemistry for admission to the School of Medicine. Prerequisites, courses 2 and 3. Fee, \$9.50. Lecture, 7:30-8:45; laboratory, 8:45-11:30. Stratton.

† Four laboratory periods per week required.