SHORT COURSES AT COLLEGE OF AGRICULTURE

The Winter Dairy Course. A 12 weeks' course beginning early in November is open to persons who have at least six months' experience in a creamery or cheese factory. For circular address E. H. Farrington, Dairy Department.

The Summer Dairy Course is intended for beginners or those having little practical knowledge of creamery or dairy work. Students are admitted at any time during the spring and summer after March 1. For particulars address E. H. Farrington, Dairy Department.

Tractor Courses. Five or ten weeks during the Short Course. Write F. W. Duffee for information, Agricultural Engineering Department.

Herdsmen's Courses. For information write R. S. Hulce, Animal Husbandry Department.

Nursery Salesman's Course. For information write J. G. Moore, Horticultural Department.

DEPARTMENTS OF INSTRUCTION

AGRICULTURAL BACTERIOLOGY

ASSOCIATE PROFESSOR W. H. WRIGHT

Farm Bacteriology. This course familiarizes the student with the nature of bacteria, how they grow and reproduce and the methods of artificial cultivation in the laboratory, the relation of bacteria to the soil, the changes in the composition of the soil caused by nitrification, nitrogen fixation and inoculation of legumes. The relation of bacteria to farm water supply and sewage disposal is discussed.

The relation of bacteria to milk and its products is considered from a point of view of practical milk production and the quality of butter and cheese. The preservation of other foods is also discussed. Transmissible diseases of animals of the greatest importance to the livestock industry of the state are studied from the standpoint of prevention and control.