Department: Animal and Food Science

Program Name: Dairy Science

Program Level: Undergraduate

College: Agriculture, Food, and Environmental Science

Program: Major

Submitted by: Gary Onan

Title: Professor and Department Chair

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Submission Date: February 13, 2018

Program Outcomes

Outcome 1: A graduate will be able to describe & apply to animal production the basic biological information and principles of: Anatomy; Physiology; Nutrition; Genetics; Reproduction; Animal Welfare; Animal Behavior; Dairy Enterprise Management.

Outcome 2: A graduate will be able to discover information and employ scientific principles to critically evaluate the information and its relevance to animal production by a) Searching literature within the discipline; b) Evaluating findings using statistical interpretation; c) Evaluating credibility of resources.

Outcome 3: A graduate will be able to synthesize and effectively disseminate information by: a) Presenting information in a written format consistent with norms in the field (such as Journal of Dairy Science standards); b) Presenting information in an oral format typical of a scientific or technical conference.

Outcome 4: A graduate will be able to systematically analyze commercial dairy production or service enterprises in order to identify problems and factors that are contributing to the problems, as well as develop tactical solutions for those problems.