**Department:** Plant and Earth Science

**Program Name:** Crop and Soil Science

**Program Level:** Undergraduate

**College:** Agriculture, Food, and Environmental Science

**Program:** Major

**Submitted by:** Donavon Taylor

**Title:** Professor and Department Chair

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**Submission Date:** December 2, 2016

**Program Outcomes**

**Outcome 1:** Demonstrate a fundamental understanding of crop science, soil science, and sustainable agriculture and be able to apply their technical knowledge to address relevant problems.

**Outcome 2:** Utilize field and laboratory equipment and instrumentation, software, and other technologies to produce, analyze, and interpret observational and numerical data and to test hypotheses and generate conclusions.

**Outcome 3:** Graduates will be able to effectively articulate scientific concepts or the results of scientific research in written and oral form to both technical and general audiences.

**Outcome 4:** Graduates will be able to access, critically evaluate, and synthesize scientific information related specifically to crop science, soil science, and sustainable agriculture as well as the environment and agriculture in general.

**Outcome 5:** Graduates will be able to continue to develop professionally and confidently network and collaborate with professionals in crop science, soil science, sustainable agriculture, and related disciplines.