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Pesticides and the Environment ENT 411/511

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LIBRARY IMPACT STATEMENT (New Course Proposal)
LIBRARIAN'S ASSESSMENT

Subject selectors will complete this form as requested, assessing library materials and collections as detailed below. Send one copy of the assessment to the faculty member who requested it. Send one copy of the assessment to the Collection Management Officer.

Program: ENT 411/511

Department, College: Plant Sciences & Entomology. CELS

Faculty Member: Professor Steven Alm

Date returned to Faculty: August 14, 2018

Librarian Completing Assessment: Michael A. Cerbo II

Collection Management Officer: Professor Joanna Burkhardt

This new three credit course is titled "Pesticides and the Environment" and the Professor expects the students to perform research using current periodicals in this subject area. The focus of the class is to understand the uses and impact of pesticides on ourselves and the environment and among other issues to "learn how pesticide risks are assessed and how safety standards are determined."

We are able to add whatever appropriate monographic needs might arise for the instructor. Our monographic holdings in the plant sciences, pesticides, agricultural chemicals and pest control are good and any additional materials can be garnered through our interlibrary loan.

Access to journals in this field meets the needs of the course. Our online indexes and abstracts in plant sciences and chemistry specifically and the sciences generally should more than meet the demands of this course. In particular, access to reference databases such as JSTOR Plant Science, AGRICOLA, Biological and Agricultural Index Plus, and the more general Academic Search Complete are available. The majority of the journals requested are available through the library, including *Angewandte Chemie: International Edition*, *Science*, *Environmental Toxicology and Pharmacology*, *Journal of American Water Resources Association*, *Journal of Toxicology*, *Journal of Integrative Agriculture*, *Food Security* and *Nature* as well as many others in the field. We are unable to add any new journal titles except through a drop/add policy that requires the department to identify a journal title (of equal value) it would like to drop from its serials list to permit the addition of another. However, our current holdings in this field seem sufficient.

Therefore, the librarian believes that the Library can support, bibliographically, the needs of the students to be able to acquire the most out of this course.

Michael A. Cerbo II,
Plant Sciences and Entomology Bibliographer
14 August 2018