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Geographical Information Systems in Python NRS 528

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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: NRS 528

Department, College: Natural Resources Science

Faculty Member: Professor Andrew Davies

Date returned to Faculty: October 24, 2019

Librarian Completing Assessment: Michael A. Cerbo II

Collection Management Officer: Professor Joanna Burkhardt

This new 3 credit computer lab course is titled "Geographical Information Systems in Python" and the Professor expects the students to conduct no research using library materials. The purpose of this skills-based course will be to "…introduce you to Python and how it functions primarily with ArcGIS Desktop…and other open source programs such as QGIS." Therefore, there will be little to no impact on library resources.

We are able to add any monographic needs which might arise for the instructor. Our monographic holdings in programming and geographical information systems are good and any additional materials can be garnered though interlibrary loan.

Access to journals in this field meets the needs of the course. Our online indexes and abstracts in the sciences generally should more than meet the demands that are required here. Access to reference databases such as GeoRef, Scopus, and the more general Academic Search Complete are available. 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
Natural Resources Science Bibliographer
24 October 2019