

Cartography and Geovisualization Certificate
REPORT FOR THE UNIVERSITY SENATE

University Senate Committee: Academic Policies Committee

Brief History of Issue - why the issue is being considered:

The Department of Geography and Anthropology is proposing a credit bearing certificate in Cartography and Geovisualization. The 12-credit certificate is designed to provide students from majors outside of Geography with skills in geographic information systems (GIS) and cartography. It is intended to support those in science, health science, social science, and humanities fields to develop a set of technical abilities in map production and data visualization.

Points Discussed by Committee:

1. Ability of students to obtain this certificate and Geospatial Mapping certificate
2. Impact on the current certificate, including student enrollment and course overlap
3. Necessity of prerequisite coursework

Pros of Recommendation:

Students in any major, except for Geography, can pursue the certificate. The certificate is intended for those pursuing degrees in other fields who may benefit from a skillset in map production and data visualization. Currently, only a small number of students pursue the Geospatial Mapping certificate due to two highly technical required courses that focus on hardware and software (i.e., the input end); this certificate may be better matched to students' desire to work on the output end of map creation and data visualization. Students can begin the certificate without any required prerequisites.

Cons of Recommendation:

None

Technology/Human Resource Impact:

None

Committee Recommendation:

The committee recommends approval of the credit bearing certificate in: Cartography and Geovisualization to be administered by the Department of Geography and Anthropology.

Cartography and Geovisualization Certificate

MOTION FOR THE UNIVERSITY SENATE

The University Senate Committee: Academic Policies Committee

by a vote of 9 for to 0 against on October 25, 2022 (Date)

Recommends that:

The Department of Geography and Anthropology will offer a credit bearing certificate: Certificate in Cartography and Geovisualization (Code XXX-XXX) starting with the 2023/24 AY.

Implementation Date: 23/24 catalog

Signed: _____

Chair of the Committee

Send to: University Senate Office