

# GEOG 384. PRINCIPLES OF GEOSPATIAL WEB.

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Credits: 3

Offered by: Geography (Faculty of Science)

This course is not offered this catalogue year.

## Description

Theory and practice of geospatial web, including examining spatial data accuracy and uncertainty of user generated content; Understanding motivations of contributors of volunteered geographic information for purposes like citizen science and crisis mapping; Critically evaluating political, societal, economic and legal issues in online mapping applications; Developing geospatial applications and identifying basic problem solving requirements for geospatial apps. For proposed solutions, evaluating and justifying various existing and emergent geospatial technologies and enabling software stacks; Exploring underlying methods of digital earth architectures; Understanding implications to geospatial analysis and visualization of real time streaming data and mobile sensors

- Prerequisite(s): GEOG 201; GEOG 333 or COMP 202; and GEOG 314; or permission of the instructor.

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