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## COURSE OUTLINE

GEOGRAPHY 358: Landscape Ecology

Class meetings: Tuesday, Wednesday, Friday 10:30-11:20 in DTB A104

Instructor: Mat Fuller

Office Hours: Wednesday and Thursdays, Noon-2p for my appointment

Office Location: DTB B214

Contact: [matfuller@uci.edu](mailto:matfuller@uci.edu)

For students interested in applied science, the undergraduate (on-campus) landscape (ology) are an important prerequisite, or decision-making and professional fields such as construction sciences, resource management, remote sensing, spatial modelling and GIS (science)

Course "e/": The course has a required text which is well recognized as a real resource, or landscape (ology) The text will parallel and supplement the lecture (on-line) You will also be responsible for assigned research journal articles throughout the term, which will be posted on coursespaces.

Textbook: 1 GIS and Geodesy: R1 H1 2- ( ) 531  
Ed, 1 on 1 Ne 4 Yo 5: Springer

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This text is available as an e-book through the university library; if necessary please visit the course reserves website, located on the course and you will find a link to the course text

Course 466, "e: please ensure to stay on the ground to announce events, positions and materials listed on our coursespaces website (course management system) \*high (an "e" found on your : ; i a ( (oun#) 8e (lecture materials and notes will be provided, or so the lectures here) Additional required and supplement reading, text resources and media will also be posted

Course "e/7eables and Assessment":

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Midterm 9/a : 1=>

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@EY THE ES AN& CONTENT:

1. Introductory concepts (Jan 7<sup>th</sup> through Jan 21<sup>st</sup>)
  - - A primer on ecological thought
  - - Intro to emergence of landscape ecology
  - - Introductory concepts
  - - Scale and heterogeneity
2. Drivers of landscape pattern (Jan 22<sup>nd</sup> through Feb 5<sup>th</sup>)
  - - What is landscape pattern
  - - Abiotic and biotic factors
  - - Landscape legacies and change



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Health Services provides a full service primary health clinic for students, and coordinates healthy student and campus initiatives. [uic.edu/health](#)

For more information, contact the Health Services office at (773) 492-1111.