

[Sustainability and the Built Environment, Geodesign](#)

College of Design, Construction, and Planning, University of Florida.
431 Architecture Building, Gainesville FL 32611.



INSTRUCTOR:

[JUNA \(GODA\) PAPAJORGJI, Ph.D.](#)

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CLASS PERIODS:

Architecture Building, Room 215

Tuesday 3 -4 period (9:35 a.m. - 11:30 a.m.)

Thursday 4 period (10:40 a.m. - 11:30 a.m.)

OFFICE HOURS:

Physical office in Room 431D.

Available via phone/email constantly. Class communication via UF email list-serve. Virtual office hours, Friday 3pm-5pm. Other physical or virtual meetings by appointment.

PREREQUISITES: None

COURSE FULFILLMENTS: Three Credits

REQUIREMENTS: No prerequisites. No textbook. GIS software, lecture notes, assigned readings, handouts, data and class exercises - will all be provided digitally. Required, laptop with Windows. Reference book: [Geodesign in Practice: Designing a better world. ESRI, 2013.](#)

COURSE OBJECTIVE:

This course provides a general understanding of the fundamental principles of Geographic Information Systems (GIS); a hands on software experience using ArcGIS 10 (an ESRI desktop product); a real world experience with a community problem to be solved by applying spatial data analysis and techniques.

ORGANIZATION:

This course is organized in 14 Lectures, 17 *hands-on* Class Exercises, 3-4 Class Quizzes, 9 Homework Assignments, 1 Exam, and 1 Final Project in teams. Detailed schedule [here](#).

GRADING:

I use a progressive evaluation approach with a premium on learning and accomplishment rather than on effort or compliance. Below is a broad guideline that I use to assess progress in learning, and which shapes according to individual performance. Overall, I try to place an equal weight between the theoretical and the applied portions of the course.

- Class Participation and Class Quizzes 10% - individual evaluation
- Class Exercises 10% - individual evaluation
- Homework Assignments 20% - individual evaluation

- Midterm Examination 30% - individual grade
- Final Project (presentation and paper) 30% - team grade

Assignments turned in late without prior approval will be decreased one grade level. No student is allowed to miss the mid-term exam or the final project presentation without prior approval.

ATTENDANCE:

Students are expected to attend classes and give notification in the event of a conflict. Every effort will be made to accommodate students with a legitimate reason for missing classes.

ACCOMMODATION:

Students in need of special accommodation must register with the Dean of Students Office. This office will provide them the appropriate documentation for submission to me.

ACADEMIC HONESTY:

Students are responsible for abiding by the University of Florida's policies published at: [Student Conduct and Honor Code](#).

[Home](#) | [Schedule and Materials](#) | [Class Resources](#) | [Students Work](#) | [Related Links](#) | [About](#)