GEO 475.001 Geography Independent Study
Anthropology, Geography and Sociology

Student: Sadie Howard  SID: 201-32-394

Supervisor of Independent Study
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Office Hours
MW 3:30 – 4:30; and TR 9:00 – 10:00

GEO 475.001 – Independent Study

Course Description:

Three (3) semester hours. Prerequisite: junior standing and 12 semesters hours of geography.

Title and Description of Independent Study Course: 10 year Canopy Analysis of Galveston Island Urban Planted Landscapes: Pre and Post Hurricane IKE

Purpose/Objectives of the Independent Study:

Student will use current imagery to analysis canopy patterns of the urban forest on Galveston Island

Student will compare current imagery to pre Hurricane IKE urban canopy

Student will produce a technical summary of findings

Course Evaluation

This is a grade based course.

Three (3) semester credit hours

Text Requirement:

TFS Report on post-IKE tree evaluation
# PROGRAM LEARNING OBJECTIVES

<table>
<thead>
<tr>
<th>PLOs</th>
<th>Supported Program Objective</th>
<th>Skill Level</th>
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<tbody>
<tr>
<td></td>
<td>The student will be able to prepare written and verbal presentations presenting geographical research using the analyses and synthesis of appropriate documents and primary data.</td>
<td>Basic, Intermediate,</td>
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<td>Advanced</td>
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<td>PLO1</td>
<td></td>
<td>All Levels</td>
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<td>PLO2</td>
<td>The student will possess geographic literacy as evidenced by the identification of the major concepts involved with human spatial and ecological relationships.</td>
<td>All Levels</td>
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<tr>
<td>PLO3</td>
<td>The student will be able to apply geographical knowledge and skills to a variety of settings.</td>
<td>All Levels</td>
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<td>PLO4</td>
<td>The student will recognize the implicit assumptions behind claims of knowledge about the spatial world, will be able to evaluate and distinguish between strong and weak arguments, and will be able to draw conclusions from a set of premises.</td>
<td>Intermediate and Advanced</td>
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GEO 475.001 Independent Study

Semester Schedule

Week 1  Meet with sponsoring faculty to discuss project design and details
Week 2  Establish GIS account and begin GIS tutorial
Week 3  Provide progress report on tutorial
Week 4  Submit preliminary draft outline of technical paper
Week 5  Complete GIS tutorial and report results
Week 6  Begin writing initial draft of project and expand bibliography of project
Week 7  Continue research and writing of technical paper draft
Week 8  Submit preliminary digital files
Week 9  Meet with sponsoring faculty to discuss technical paper draft and digital files
Week 10 Revise technical paper and digital files
Week 11 Prepare edited draft of technical paper
Week 12 Submit revised draft of technical paper and revised files
Week 13 Discuss revised paper
Week 14 Address last draft revisions
Week 15 Submit final draft of technical paper