

# MISSISSIPPI STATE UNIVERSITY

## **LA 3653 PLANTING DESIGN FUNDAMENTALS IN LANDSCAPE ARCHITECTURE**

**Spring 2017**

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### **SYLLABUS**

#### **Course Catalog Description:**

LA 3653 Planting Design Fundamentals in Landscape Architecture -  
One hour lecture, four hour studio. Using plants as landscape architectural functional elements in a holistic design context. Applying nine design elements and six design principles with emphasis on planting design.

#### **Course Prerequisites:**

(Prerequisites: LA 1533, LA 2554, and PSS 2423)

#### **Course Goal:**

To teach students how to prepare planting plans via schematics and design development.

#### **Course Objectives:**

##### Schematics

- Students will learn about historical planting designs and use of appropriate plants.
- Students will learn how to identify ecological planting opportunities and constraints.
- Students will learn to design in plan view and section view using historical concepts and ecological hardiness zones.
- Students will practice developing and communicating ideas at a residential scale.
- Students will develop written communication skills to share their ideas.

##### Design Development

- Students will be able to apply schematics knowledge to complex assigned projects.
- Students will design basic construction details.
- Students will be able to research and select appropriate design precedents.
- Students will be able to render planting plans using fundamentals of landscape graphics.

## Course Content (6 projects):

Outlined with Maroon Institute for Writing Excellence [MIWE] letter writing component

- Residential landscape characteristics (your project plan + reflection on the characteristics you desire to express for your client + well-crafted letter to client)
- Historical aspects of landscape development (free-writes about your understanding of each historic style, followed by a formal discussion on a specific plant, design concept, element, or principle supported by documentation)
- Precedents (examples of what works and what does not work + research paper that compares and contrasts 2 or more precedents for each project)
- Planting schedule based on hardiness zone and theme (your plant selections + narrative describing your theme and case studies to support the theme, along with why you selected the plants you did)
- Construction details (your provision of specific site furnishings + reflection on the benefits of meticulous construction details.)

## REFERENCE STUDIO TEXTBOOKS:

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Basic Elements of Landscape Architectural Design, Norman K. Booth, Waveland Press, 1990

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Landscaping Principles and Practices, 5<sup>th</sup> ed., Jack E. Ingels Delmar Publishers, any version

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From Art to Landscape: Unleashing Creativity in Garden Design, Gary Smith, Timber Press, 2010

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Right Plant Right Place: The Indispensable Guide to the Successful Garden, by Nicola Ferguson, any version

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Landscape Graphics by Grant Reid– you should have this one

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Plants of the South: A Guide for Landscape Design by Odenwald, Neil G., and James R. Turner, Claitor's Publishing Division, Baton Rouge 1980 ISBN 0875110908 Second Printing 1985

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Right Plant Right Place. Nicola Ferguson A Fireside Book

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## RECOMMENDED REFERENCES:

- Dirr. *Manual of Woody Landscape Plants.*; 6<sup>th</sup> revised edition. Stipes Pub LLC. (August 2009).
- Odenwald and Turner. *Identification, Selection and Use of Southern Plants: For Landscape Design.* Claitor's Law Books and Publishing; 4th Revised Edition edition (August 16, 2010)
- Simonds and Starke. *Landscape Architecture.* McGraw-Hill Professional; 5 edition (February 6, 2013)

Also, the following websites are excellent references for plants and planting design:

- Landscape Plant Selector, <http://www.growit.com/PlantInfo/LandScape.htm>
- Ornamental Plant Sheets, <http://edis.ifas.ufl.edu/>
- MSU Extension Website, <http://www.msucare.com>

### **EQUIPMENT AND MATERIALS REQUIRED:**

Materials required are similar to those for LA1533 and LA 2554.

Laptops will be used during lectures, researching precedents, and making plant schedules.

You will need to develop an organizational system on the computer to take notes and record photo images.

A sketchbook or notebook is highly recommended.

Initial planting plans will be hand-drawn on tracing paper and rendered.

You will be responsible for purchasing paper and pens/colored pencils.

11" x 17" copy paper

24" wide roll of canary tracing paper

### **EQUIPMENT AND MATERIALS RECOMMENDED:**

Additional materials for model building, watercolor paints and brushes will be discussed in class.

You may choose to split the cost of materials for model building and water color assignments.

Model material is easiest purchased in bulk. The fine art packet for watercolor assignment, assorted watercolor brushes, paper, and paints, is \$200. You may determine to work with watercolors on future projects, rather than markers.

### **EVALUATION AND GRADING:**

The following grading scale will be used to evaluate all work:

A = 90-100%	Excellent work. All required work for the project or assignment turned in on time with a superior product or effort.
B = 80-89%	Above average work. Good understanding of the subject area with some improvement needed.
C = 70-79%	Average work. Assignment complete but improvement possible in all areas.
D = 60-69%	Below average work. Passing but not acceptable for degree requirements in the Department of Landscape Architecture.
F = 59% or Below	Incomplete work. Exhibits a lack of effort or understanding, or is altogether missing.

### **COURSE CONTENT WEIGHTING:**

<b>TITLE</b>	<b>PERCENTAGES</b>
<b>6 Planting Plan Exercises</b>	<b>20%</b>
<b>6 Final Revisions</b>	<b>40%</b>
<b>6 MIWE letters / Reflections</b>	<b>18%</b>
<b>In-class Participation</b>	<b>10%</b>
<b>In-class Quizzes</b>	<b>6%</b>
<b>Special Project + Presentations</b>	<b>6%</b>
	<b>Total = 100%</b>