

# Planting Design

11: 550:340

4 credits—2 credits for MLA

Spring 2024 Syllabus

Class time: Tuesday, Friday, 8:30-11:30

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## Program Goals

Students will gain a functional understanding of and develop the ability to creatively design space and spatial relationships (with plants).

1. Analyze physical features (soil conditions, hydrology, existing plant communities, etc.).
2. Understand social and environmental context relative to species selection.
3. Familiarization with planting industry standards.
4. Apply design principles appropriate to social and environmental context.
5. Communicate planting design (planting plan and schedule, plant palette, bloom diagrams) in a portfolio-quality manner.

## Learning Objectives

1. Achieve a level of professional competency in planting design.
2. Execute, as a group a small planting design installation for a client.
3. Appreciate the many roles plants play in planting design, including their narrative possibilities concerning cultural traditions, aesthetic qualities, medicinal capabilities, etc.

## Course Description

Planting Design plays a key role in the art of landscape architecture as it marries functional and aesthetic solutions to site/client problems. Planting Design Studio graduates students who have knowledge of the use of plants to create meaningful spaces that contribute to culture and nature. Projects require the incorporation and synthesis of knowledge from lectures and reading assignments, research, site observation and analysis, and group project critiques. Increasingly complex assignments and feedback guide students through simultaneous considerations of landscape architecture and ecological function. The semester culminates in a small-scale design-build project and the production of a class publication of the semester's work.

## Expectations of Student Participation

Much of your learning will occur through your active engagement with your peers – during the actual class and while working on your projects. You are expected to engage in all activities, including site visits\*, group pin-ups, and project presentations. Students are expected to participate fully in the class by being prepared for each class and open to the ideas and challenges that unfold. You should read the syllabus carefully and be aware of field trips, required readings, upcoming lectures or films, and due

dates. **Please check your email regularly.**

Site Visits: Please carpool in small groups to visit sites to assist those without vehicles.

Readings: Required readings will be posted on Canvas. These assignments are included in the Project grade.

Final Booklet: Each student revises submissions based upon feedback to create professional portfolio cutsheets.

Design-Build Projects: The design-build assignment entails outdoor work in what may be inclement weather. *Optional assignments required in lieu of attendance.*

Printing: *Expect to print each project (including large format drawings) for feedback for revisions and for final reviews.* As a professional, much of your work will be communicated with printed drawings.. As in an office, your work will be reviewed and revised prior to having it presented to the client. **Electronic submissions—OPTIMIZE!!**

Project Reviews: Project reviews are opportunities to present your work in a professional manner, respond to questions, consider other interpretations, and gather feedback. You are expected to be at all reviews for the entire period, and to participate in the critiquing and discussion of other projects -- not only to present thoughts/processes in your group's projects, but to also contribute to the learning of your peers through conversations and critiques during and outside of class time. You should plan a minimum of 5 hours per week outside of class to read, write, make site visits, develop projects, and finalize presentations. Each student will assess individual contributions to group projects in a project exit survey.

Contact: All students are given the same updates and information. Most of this will occur during class, but you are expected to check your email regularly and to participate in group teamwork.

### Grading/ Evaluation:

The final grade is based on the following percentages:

Project 1: Case Study	10%
Project 2: Plant Collection for Rutgers Gardens	10%
Project 3: Kageno School Courtyard Garden	30%
Project 4: Culinary Permaculture Garden Infill	20%
Project 5: Elmwood Cemetery Garden	20%
Final Booklet	10%

### Departmental Grading Guidelines

While the assignment of grades is ultimately the purview of the instructor, the department uses the following guideline for understanding appropriate grading in its courses:

A—Outstanding—This not only means fulfilling the requirements but impressing and going beyond the initial expectations of the project. The student has demonstrated a superior grasp of the subject matter coupled with a high degree of creative or logical expression, and strong ability to present these ideas in an organized and analytical manner.

B—Very Good—The student has demonstrated a solid grasp of the material with an ability to organize and examine the material in an organized, critical, and constructive manner. The projects and in-class performance reveal a solid understanding of the issues and related theories or literature.

C—Acceptable—The student has shown a moderate ability to grasp concepts and theories for the class, producing work that, while basically adequate, is not in any way exceptional. This performance in class displays a basic familiarity with the relevant literature and techniques.

D—Unacceptable—The work demonstrates a minimal understanding of the fundamental nature of the material or the assignment with a performance that does not adequately examine the course material critically or constructively. Students cannot graduate from the Landscape Architecture program with 2 D's in required 550 classes.

F—Failure—The student has demonstrated a lack of understanding or familiarity with course concepts and materials. Their performance has been inadequate. Failure is often the result of limited effort and poor attendance which may indicate that the student is not in the proper field of study

### Final Letter grade scale:

x > 90	A
90 > x > 87	B+
87 > x > 80	B
80 > x > 77	C+
77 > x > 70	C
70 > x > 60	D
x < 60	F

**Attendance:** Class attendance is mandatory. If a circumstance arises which prohibits your attendance at any class session, please notify the instructor 24-hours prior to the class and an alternate arrangement will be made. Keep in mind that your participation in class discussions and submission of in-class exercises will contribute to your overall course grade.

Beyond the above recommendations, this course utilizes the Department's policy on attendance which reads:

Attendance and participation in all lectures and studios are essential if the student is to achieve his/her maximum potential. More than three unexcused absences will result in a step reduction in your semester grade. Each additional three absences will result in another step reduction.

A minimum level of participation is defined as being in attendance for the entire duration of a class session. It is the student's responsibility to be in attendance at all required classes and all personal plans should be made in accordance with the schedule.

**Please note that attendance will be taken at the start of each class and late arrivals will be marked as an absence.**

#### Use of Facilities and Equipment:

Studio cannot be taught without reliable facilities. But your use of the facilities is dependent upon responsible use with particular regard to the clearly established rules about their use as specified in the student handbook:

[http://landarch.rutgers.edu/current\\_students/student%20handbook/StudentHandbook\\_web\\_SectI.pdf](http://landarch.rutgers.edu/current_students/student%20handbook/StudentHandbook_web_SectI.pdf)

These rules cover access to studio, vandalism, table assignments, personalization of workspace, smoking and drinking, use of the lockers, access to the reference collection, and basic rules governing the use of the computer lab. Failure to observe rules may result in loss of access. Access to the fabrication lab is granted after successfully passing the safety instructions. Access is monitored and can be revoked if students use tools they are not qualified for or if students do not clean after themselves.

#### Equipment

The student handbook also includes a section governing the use of equipment

[http://landarch.rutgers.edu/current\\_students/student%20handbook/StudentHandbook\\_web\\_SectII.pdf](http://landarch.rutgers.edu/current_students/student%20handbook/StudentHandbook_web_SectII.pdf)

This section includes rules specifying use department equipment including of projection equipment, department cameras, and drafting equipment.

Submitted drawings, models, photographs, or written papers for any project assigned in LA courses are considered the property of the Department. The formatting of all digital submission must follow the department guidelines because they will be retained in its archives for exhibition and accreditation purposes.

#### Attendance

The Department of Landscape Architecture requires attendance in all of its classes. The individual student's development as a landscape architect is largely dependent upon two aspects of education. First is the exposure to and assimilation of a body of information that relates to the field. Second is the application of this knowledge through studio projects and problem-solving skills developed through critiques, reviews and interactions during each project.

The Rutgers Landscape Architecture curriculum is designed to develop both areas. Attendance and participation in all lectures and studios are essential if the student is to achieve his/her maximum potential. Unless a stricter policy is in place by the individual instructor, **more than three unexcused absences will result in a step reduction in your semester grade. Each additional absence will result in another step reduction.**

A minimum level of participation is defined as being in attendance for the entire duration of a class session. It is the student's responsibility to be in attendance at all required classes and all personal plans should be made in accordance with the schedule. Students on academic probation have NO ALLOWABLE UNEXCUSED ABSENCES. Your attendance at juries or special seminars scheduled in your design course is mandatory for the entire duration of the session.

### Due Dates

Except for circumstances truly beyond the student's control, all assignments are due at the dates and times specified throughout the semester. Projects that are incomplete on the due date should still be submitted on the date it is due to receive at least partial credit. Any work submitted late will be penalized a letter grade for each day past due. Working beyond a due date is both unrealistic in a professional setting and unfair to your classmates in this course.

### Academic Integrity

The intentional copying of another student's file [work] or a portion of a file [work] and representation of the work as your own work is in direct violation of the University Integrity Policy: Plagiarism is the representation of the words or ideas of another as one's own in any academic work.

Facilitating Violations of Academic Integrity: It is a violation of academic integrity for a student to aid others in violating academic integrity. A student who knowingly or negligently facilitates a violation of academic integrity is as culpable as the student who receives the impermissible aid, even if the former student does not benefit from the violation.

As a result, any copying and/or "sharing" of exercises, homework assignments, and projects will be treated as Level 2 violations and subject to the sanctions as outlined in the Integrity Policy:

1. A failing grade on the assignment.
2. A failing grade for the course.
3. Disciplinary warning or probation.

Repeat violations will be treated as separable Level Three violations and referred to the AIF of the school for adjudication.

Please refer to the complete Integrity Policy at: <http://academicintegrity.rutgers.edu/integrity.shtml>.

**340: Schedule** (subject to change)

340 SCHEDULE		
<b>PR1: Case Study (small group)</b>		
T 1.16	Color Lecture + Exercise Lecture: Course Overview + Portfolio Lecture <a href="https://www.phytostudio.com/learn">https://www.phytostudio.com/learn</a> Case Study	Reading: <i>Planting in a Post Wild World</i> (intro + Ch 1)
1.19	Lecture: Planting Plans +Plant Resources Case Study Due 1.22	Reading: <i>Planting in a Post Wild World</i> (Ch 2: Inspiration of the Wild) Print & Case Study Projects Exhibit
<b>PR2: Plant Collection for Rutgers Gardens</b>		
T 1.23	Lecture: Planting Plans <b>10:30 Amanda Marin, Land FX</b> PR2 Plant Collection Plant Schedule, Plant Palette	Reading: <i>Planting in a Post Wild World</i> (Ch 3: Design Process)
1.26	Work Session	Planting Plan, Palette & schedule for Markup & Revision
<b>T 1.30</b>	<b>NJASLA: no class</b>	Revise Plant Collection
2.2	<b>PR1 Plant Collection Working Session</b>	
<b>PR3: School Garden, Rusinga Island, Kenya (small group)</b>		
2.6	Introduce Project, Research Plants <i>11am Alomar talks about Dual Degree</i>	3 concept sketches
2.9	Pinup	1 Design Concept
T 2.13	Work Session: develop concepts, get feedback	Final Plan
2.16	Work Session: prepare for pinup	Design Plan, Plant Schedule & Palette
T 2.20	<b>PR2 Mid-project Presentation in 2 sessions</b>	
2.23	Work Session	Rev. Site Plan + Planting Plan
T 2.27	Small group pinups w ideas for improvement	
3.1	Finalize Drawings	
T 3.5	<b>PR2 Final Presentation on Zoom—projects in 1 pdf by KH for presentation</b>	
<b>PR4: Culinary Outdoor Classroom Garden (small group)</b>		
3.8	Work Session <a href="#">Site Visit: Amphitheater Garden, meet Chef Alex</a>	Draft Plant Palette + Schedule
<b>SPRING BREAK</b>	3.9-3.17	
T 3.19	Work session	Plant Palette + Schedule
3.22	Work Session	Photoshop Garden Image
T 3.26	Small group pinups w ideas for improvement	Finalize Drawings
3.29	<b>PR3 Presentation: Lauren, Maxine</b>	Reading: Plant Communities in NJ, Booklet
<b>PR5: Elmwood Cemetery Planting</b>		
T 4.2	Introduce project <a href="#">Site Visit: Elmwood Cemetery</a>	2 sketch plans <b>Deer, Public, Drought resistant, Raingarden?</b>
4.5	Work session	Concept Plan + Palette
T 4.9	Small group pinups/ Work Session	
4.12	Work Session	Planting Plan, Bloom Diagrams
T 4.16	Small group pinups w ideas for improvement	Final Drawings
<b>4.19</b>	<b>PR4 Presentation:</b>	
<b>PR2: INSTALLATION Culinary Garden Project</b>		
T 4.23	Install	Booklet
4.26	Install: Last Day of Class	Final Booklet Due

Reading List (selected chapters will be posted on Canvas)

Textbooks

Rainer, Thomas and Claudia West, Planting in a Post-Wild World (chapters on Sakai)

Collins, Beryl Robichaud, Plant Communities of New Jersey: A Study in Landscape Diversity

Articles

<https://www.finegardening.com/project-guides/fruits-and-vegetables/who-says-a-kitchen-garden-cant-be-beautiful>

Materials for Class

Drafting equipment, lots of trace, colored pencils