Instructor: Rajesh Rajaselvam   Email: Rajesh.Rajaselvam@Dal.Ca   Office: LSC 3082
Office Hours: Tuesday/Friday 14:30 – 15:30 pm, Thursday by appointments

Lectures: Monday, Wednesday & Friday 09:35 – 10:25 hrs (LSC/C244)
Tutorials: 5 tutorials (80 min/tutorial)
           Wednesday 13:05 – 14:25 pm (LSC/C244)

Course Description

The use of plants for human recreation and aesthetic purposes in gardens, public parks, suburban and urban landscapes. Topics include: history of gardens, garden design, identification, uses, and horticultural requirements of plants, soil and nutrients, plant materials, edible and medicinal plants in landscaping and plants and human health. The course includes interactive seminars and a landscape design group project.

Course Prerequisites

BIOL 1010.03/BIOL 1020.03 (B- or higher) or BIOL 1011.03/BIOL 1021.03 (B- or higher) or DISP or PLAN 2001.03 or instructor’s permission.

Course Textbook

“Plants in the human landscape”, custom made text. Nelson Education Ltd.
(Textbook includes most of the lectures and tutorials/labs)

Learning Objectives

- Explain the importance of plants in landscaping and their different roles
- Understand soils and the importance of nutrients
- Become familiar with basic horticultural practices
- Describe and draw different landscape designs
- Understand the use of wild and medicinal plants
- Understand sustainability through landscaping
Course Assessment

<table>
<thead>
<tr>
<th>Assignment, Exam, or Presentation</th>
<th>Marks %</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>Quiz 1</td>
<td>04</td>
<td>Feb 15</td>
</tr>
<tr>
<td>Mid-Term Exam</td>
<td>20</td>
<td>Mar 01</td>
</tr>
<tr>
<td>Oral Presentation (group presentation)</td>
<td>10</td>
<td>Mar 13, 15 &amp; 17</td>
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<tr>
<td>Quiz 2</td>
<td>04</td>
<td>Apr 03</td>
</tr>
<tr>
<td>Project: Landscape Design</td>
<td>21</td>
<td>Apr 10</td>
</tr>
<tr>
<td>Lab/Seminar Reports</td>
<td>16</td>
<td>TBA</td>
</tr>
<tr>
<td>Final Exam</td>
<td>25</td>
<td>TBA</td>
</tr>
<tr>
<td>Total</td>
<td>100</td>
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Landscape Design Project and Oral Presentation
A professional landscape design for the given location should be submitted by the groups at the end of the course. Students/Groups are expected to do a 12 minute power point presentation on their proposed landscape design.

*Evaluation rubric

<table>
<thead>
<tr>
<th>Evaluation rubric by checking the grade the student achieved in the following categories:</th>
<th>MARKS</th>
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</thead>
<tbody>
<tr>
<td>The presentation was well organized.</td>
<td>5 4 3 2 1</td>
</tr>
<tr>
<td>The “Landscape Project” was covered in a clear and understandable fashion.</td>
<td>5 4 3 2 1</td>
</tr>
<tr>
<td>The presentation was very well timed.</td>
<td>5 4 3 2 1</td>
</tr>
<tr>
<td>Presentation resources were incorporated and used effectively.</td>
<td>5 4 3 2 1</td>
</tr>
<tr>
<td>The group responded effectively to questions posed by the audience.</td>
<td>5 4 3 2 1</td>
</tr>
<tr>
<td>Main points were effectively summarized at the end of the presentation.</td>
<td>5 4 3 2 1</td>
</tr>
<tr>
<td>Overall grade: Total (out of 30) is reduced to out of 10</td>
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Grading Scale
Conversion of numerical grades to Final Letter Grades follows the Dalhousie Common Grade Scale

- A+ (90-100)
- B+ (77-79)
- C+ (65-69)
- D (50-54)
- A (85-89)
- B (73-76)
- C (60-64)
- F (<50)
- A- (80-84)
- B- (70-72)
- C- (55-59)
Course Policies

Class participation is considered vital.

Tutorial/Seminar sessions are compulsory. Complete attendance of all lectures is highly recommended, since it helps to improve your grade significantly.

Meeting deadlines is mandatory. No late submission without valid reason is accepted for marking.

Brightspace (course web-tool) will be used for regular updates and announcements. TAs are the first point of contact (unless for major issues), and copying the instructor on messages is highly recommended.

Course Content

Schedule (Tentative)

A. Lectures

Week 1:
Jan 09 - Course Introduction
Jan 11 - History of gardens/landscape
Jan 13 - Drawing/Graphic Materials and Techniques (Chap 03)

Week 2:
Jan 16 - Trees of Nova Scotia
Jan 18 - Plant database
Jan 20 - Landscape drawing I (Symbols/ Ground covers, Vines & Flower beds)

Week 3:
Jan 23 - Plant selection (Chap 07)
Jan 25 - The principles of design (Chap 08)
Jan 27 - Landscape drawing II (Non-plant features)

Week 4:
Jan 30 - Plant nutrients
Feb 01 - Plants in Horticulture (seminar)

Week 5:
Feb 06 - Flowers (Chap 09)
Feb 08 - Soil I (Second Chap 03)
Feb 10 - Soil II (Second Chap 03)

Week 6:
Feb 13 - Installing landscape (Chap 21, 22 and 23)
Feb 15 – Quiz 01……4 marks & Midterm Review
Feb 17 - Landscape drawing III (Samples)

Week 7: Study Break
Week 8:
Feb 27 - Trees and Environment, Introduction to Students’ Oral Presentations
Mar 01 - Midterm Exam (13:05-14:25).....20 Marks
Mar 03 - Landscape design (Project details)

Week 9:
Mar 06 - Landscape drawing IV (Samples)
Mar 08 - Medicinal plants in landscape I
Mar 10 - Medicinal plants in landscape II & Landscape design (Final Project Details/TAs)

Week 10: Students’ Presentation (Landscape design)..... 10 Marks
Mar 13, 15 and 17

Week 11:
Mar 20 - Students presentation (continued.)
Mar 22 - Maintaining landscape plants (Chap 27)
Mar 24 - Plant Injuries (Chap 28)

Week 12:
Mar 27- Open topic
Mar 29 - Conservation landscaping
Mar 31- Urban landscaping

Week 13:
Apr 03 - Quiz 02 (Landscape design)..... 4 Marks
Apr 05 - Final exam review
Apr 07 - Individual question time

Week 14:
Apr 10 – Landscape Design Project Submission

Final Exam
TBA (Scheduled by Registrar).....25 Marks

B. Seminar/Tutorial sessions

Attendance Mandatory, \((4 \times 4) = 16\) marks

Jan 18: Assignment 1: Landscape design I (Scales and symbols/ Trees and Shrubs) (Report required)
Feb 01: Assignment 2: Landscape design II (Backyard landscaping) (Report required)
Feb 15: Project Introduction,
       Assignment 3: Landscape design (Organizing space in the landscape/ labelling)
Mar 01: Midterm Exam
Mar 08: Assignment 4: Landscape design III (Professional Landscaping) (Report required)
Mar 15: Students’ presentations
Mar 29: Assignment 5: Conservation of plants (Report required)
Accommodation Policy for Students
Students may request accommodation as a result of barriers related to disability, religious obligation, or any characteristic protected under Canadian Human Rights legislation. Student Accommodation Policy: http://www.dal.ca/campus_life/student_services/academic-support/accessibility.html

Students who require accommodation for classroom participation or the writing of tests and exams should make their request to the Advising and Access Services Centre (AASC) prior to or at the outset of the regular academic year. More information and the Request for Accommodation form are available at www.dal.ca/access.

Academic Integrity
Academic integrity, with its embodied values, is seen as a foundation of Dalhousie University. It is the responsibility of all students to be familiar with behaviours and practices associated with academic integrity. Instructors are required to forward any suspected cases of plagiarism or other forms of academic cheating to the Academic Integrity Officer for their Faculty.

Policy on Intellectual Honesty and Faculty Discipline Process: https://www.dal.ca/dept/university_secretariat/academic-integrity.html

Student Code of Conduct
Dalhousie University has a student code of conduct, and it is expected that students will adhere to the code during their participation in lectures and other activities associated with this course. http://www.dal.ca/dept/university_secretariat/policies/student-life/code-of-student-conduct.html

Copyright
All members of the Dalhousie community are expected to comply with their obligations under Canadian copyright law. Dalhousie copyright policies and guidelines, including our Fair Dealing Guidelines, are available at http://www.dal.ca/dept/copyrightoffice.html.

Services Available to Students
The following campus services are available to all Dalhousie students. Unless noted otherwise, the services are free.

<table>
<thead>
<tr>
<th>Service</th>
<th>Support Provided</th>
<th>Location</th>
<th>Contact</th>
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<tbody>
<tr>
<td>General Academic Advising</td>
<td>Help with - understanding degree requirements and academic regulations - choosing your major - achieving your educational or career goals - dealing with academic or other difficulties</td>
<td>Killam Library Ground floor Rm G28 Bissett Centre for Academic Success</td>
<td>In person: Killam Library Rm G28 By appointment: - e-mail: <a href="mailto:advising@dal.ca">advising@dal.ca</a> - Phone: (902) 494-3077 - Book online through MyDal</td>
</tr>
<tr>
<td>Dalhousie Libraries</td>
<td>Help to find books and articles for assignments</td>
<td>Killam Library Ground floor Librarian offices</td>
<td>In person: Service Point (Ground floor) By appointment: Identify your subject librarian (URL below) and contact by email or phone to arrange a time:</td>
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</tbody>
</table>
Help with citing sources in the text of your paper and preparation of bibliography

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<thead>
<tr>
<th><strong>Helping Resources</strong></th>
<th><strong>Details</strong></th>
<th><strong>Contact</strong></th>
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<tr>
<td><strong>Studying for Success (SFS)</strong></td>
<td>Help to develop essential study skills through small group workshops or one-on-one coaching sessions. Match to a tutor for help in course-specific content (for a reasonable fee).</td>
<td>Killam Library 3rd floor Coordinator Rm 3104 Study Coaches Rm 3103</td>
</tr>
<tr>
<td><strong>Writing Centre</strong></td>
<td>Meet with a tutor to discuss writing assignments (lab report, research paper, thesis, poster). Learn to integrate source material into your own work appropriately. Learn about disciplinary writing from a peer or staff member in your field.</td>
<td>Killam Library Ground floor Learning Commons &amp; Rm G25</td>
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To make an appointment:
- Visit main office (Killam Library main floor, Rm G28)
- Call (902) 494-3077
- e-mail Coordinator at: sfs@dal.ca or
- Drop in to see us during posted office hours

**All information can be found on our website:**
www.dal.ca/sfs

Questions?
Visit forums on Brightspace and send messages using the message tool.

Rajesh Rajaselvam
Rajesh.Rajaselvam@Dal.Ca
LSC 3082 (902.494.4251)